



Bedrijfskunde (BSc)

Vrije Universiteit Amsterdam - School of Business and Economics - B Bedrijfskunde - 2017-2018

Bedrijfskunde is dé academische opleiding bij uitstek die je alle ingrediënten biedt om succesvol een organisatie te managen, zelf te ondernemen of organisaties van advies te voorzien. Als je je aangetrokken voelt tot het doorgronden van de complexiteit en dynamiek van het bedrijfsleven, werklust wil combineren met grenzeloze ambitie en een sterke analytische geest, dan ga je binnen de bedrijfskunde opleiding van de Vrije Universiteit de juiste mix vinden van academische diepgang en praktische relevantie om uitstekende werkgelegenheidskansen voor jezelf te creëren en jezelf te overtreffen.

Acht kerndisciplines

Dienstverlening brengt de noodzaak met zich mee om niet alleen de 'harde' en analytische kant van de organisatie, zoals de structuur, de processen en de financiën, maar ook de 'zachte' kant, de mensen en de cultuur, goed te kennen. Om die reden leer je binnen de opleiding bedrijfskundige problemen analyseren vanuit acht kerndisciplines: strategie, marketing, financiering, management accounting, organisatiekunde, personeelsbeleid, logistiek en informatietechnologie.

De studie Bedrijfskunde is daarom een intensieve studie. Een groot deel van het onderwijs vindt plaats in interactieve vorm waarvoor je cases moet uitwerken, papers moet inleveren en de kans krijgt je werk te presenteren. De bacheloropleiding Bedrijfskunde duurt drie jaar. In het eerste deel van het programma komen de kerndisciplines aan bod. Vervolgens kun je je specialiseren in voorbereiding op een masteropleiding of de arbeidsmarkt. Elk jaar telt 60 studiepunten, een studiepoint staat voor 28 uur studeren. Aan het begin van elke periode is er op Blackboard een studiewijzer beschikbaar. Hierin vind je uitgebreide informatie over de doelstellingen, werkwijze en inhoud van de desbetreffende periode en ieder programmaonderdeel. De

BSc Bedrijfskunde is een driejarige voltijdse opleiding en omvat 180 EC.

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-Wil je na je bachelor doorstromen tot een van de masteropleidingen van SBE? [Kijk dan hier voor de ingangseisen.](#)

-Kijk op <http://masters.vu.nl> voor meer informatie en eventuele aanvullende toelatingseisen voor de masteropleiding van jouw interesse.

-[VUnet > serviceplein](#) (alleen beschikbaar voor huidige studenten)

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Eerste jaar bachelor Bedrijfskunde

Het eerste studiejaar bestaat uit verplichte vakken (totaal 60 EC).
Daarnaast is een Taaltoets verplicht.

De opleiding bedrijfskunde laat je vanaf het eerste jaar met de praktische relevantie van academisch onderzoek kennis maken. Dit beperkt zich niet tot (gast)colleges en cases binnen de reguliere vakken maar biedt studenten ook de kans om actief deel te nemen aan onderzoek. In het eerste jaar nemen de studenten deel aan bestaande onderzoeksprojecten en worden de resultaten verder geanalyseerd in vakken zoals Business Statistics. In het vervolg van het programma worden de studenten actiever betrokken bij de bredere opzet en de analyse van resultaten. In jaar 1 (periode 1, 2 en 3) dien je daarom deel te nemen aan onderzoek ("research participation").

- Het eindcijfer voor het vak Academic Skills wordt pas toegekend als aan de taaltoets en aan de voorwaarden van het vak Research Participation I is voldaan.

Omwille van didactische redenen is de deelname aan de werk- en instructiecolleges in jaar 1 verplicht (zie studiewijzers van specifieke vakken voor de toepassing ervan).

Op de introductiedag wordt de structuur van het programma toegelicht. Aan het begin van elke periode is er op Blackboard een studiewijzer beschikbaar van de vakken in desbetreffende periode. Hierin vind je uitgebreide informatie over de doelstellingen, werkwijze en inhoud van het vak.

In het eerste jaar geldt een bindend studieadvies (BSA). Dit betekent dat je aan het eind van het jaar ten minste 42 studiepunten moet hebben behaald, plus het vak Business Mathematics (E_BK1_BUSM) om verder te mogen in je opleiding. Kijk op VUnet voor meer informatie.

Vakken:

Naam	Periode	Credits	Code
Academic Skills	Periode 3	6.0	E_BK1_ACSK
Business Mathematics	Periode 1	6.0	E_BK1_BUSM
Business Processes	Periode 1	6.0	E_BK1_BP
Business Statistics	Periode 4	6.0	E_BK1_BS
Economics	Periode 2	6.0	E_BK1_ECON
Human Resource Management and Organizational Behavior	Periode 5	6.0	E_BK1_HRMOB
Integration Project	Periode 6	6.0	E_BK1_IP
Marketing	Periode 4	6.0	E_BK1_MKT
Organization Theory	Periode 2	6.0	E_BK1_ORGT
Research Participation I	Periode 1+2+3	0.0	E_BK1_RPR1
Supply Chain Management	Periode 5	6.0	E_BK1_SCM
Taaltoets	Periode 1	0.0	E_BACH_TAALT

Tweede jaar bachelor Bedrijfskunde

Het tweede jaar bestaat uit verplichte vakken (8 vakken van elk 6 EC en Research Participation) en keuzevakken (2 keuzevakken van elk 6 studiepunten; 1 vak in periode 4 en 1 vak in periode 5).

Let op:

- Het eindcijfer voor het vak Research Project wordt pas toegekend als aan de voorwaarden van Research Participation II is voldaan.

- Om een BSc scriptie traject in jaar 3 te mogen starten en een begeleidertoegekend te krijgen dien je alle vakken van jaar 1 en 2 behaald te hebben vòòr februari in jaar 3. Concreet betekent dit dat je voor toelating tot het scriptietraject in jaar 3 voor de tweedejaars vakken uit periode 1 nog 2 kansen hebt om deze te behalen en voor de tweedejaars vakken uit periode 2 en 3 heb je nog 1 kans om deze te behalen in jaar 3. Hier worden geen uitzonderingen op gemaakt. Zonder een afgeronde BSc scriptie kan je de MSc opleiding niet starten.

- Houd bij je keuzemogelijkheden binnen je bacheloropleiding rekening met de toelatingseisen voor de masteropleiding, die je wellicht na je bachelor wilt volgen. Ook zul je in bepaalde gevallen (bijvoorbeeld de Master Finance) een extra vak moet volgen, bovenop je regulere programma.

Opleidingsdelen:

- [Tweede jaar Bedrijfskunde - Keuzevakken periode 4](#)
- [Tweede jaar Bedrijfskunde - Keuzevakken periode 5](#)
- [Tweede jaar Bedrijfskunde - Verplichte vakken](#)

Tweede jaar Bedrijfskunde - Keuzevakken periode 4

Kies 1 uit 3 vakken

Vakken:

Naam	Periode	Credits	Code
Accounting II	Periode 4	6.0	E_BK2_ACC2
Supply Chain Management II	Periode 4	6.0	E_BK2_SCM2
Technology and Innovation Management	Periode 4	6.0	E_BK2_TIM

Tweede jaar Bedrijfskunde - Keuzevakken periode 5

Kies 1 uit 3 vakken

Vakken:

Naam	Periode	Credits	Code
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Corporate Entrepreneurship	Periode 5	6.0	E_BK2_CE
Finance II	Periode 5	6.0	E_BK2_FIN2
Marketing II	Periode 5	6.0	E_BK2_MKT2

Tweede jaar Bedrijfskunde - Verplichte vakken

Onderstaand de verplichte vakken van het tweede bachelorjaar.

Vakken:

Naam	Periode	Credits	Code
Accounting	Periode 1	6.0	E_BK2_ACC1
Business Information Technology	Periode 1	6.0	E_BK2_BUSIT
Business Law	Periode 3	6.0	E_BK2_BUSL
Business Research Methods I	Periode 4	6.0	E_BK2_BRM1
Business Research Methods II	Periode 5	6.0	E_BK2_BRM2
Finance	Periode 2	6.0	E_BK2_FIN1
Research Participation II	Periode 2+3+4+5	0.0	E_BK2_RPR2
Research Project	Periode 6	6.0	E_BK2_RP
Strategy	Periode 2	6.0	E_BK2_STRAT

Derde jaar bachelor Bedrijfskunde

Het derde jaar van de opleiding Bedrijfskunde is enerzijds gericht op afronding van je opleiding en verdere integratie en verdieping van de kennis die je in de eerste twee jaar hebt verworven. Anderzijds is het een voorbereiding op het volgen van een masteropleiding, hetzij aan deze faculteit, hetzij elders.

Het derde jaar bestaat uit een minor van 30 EC (of een andere invulling van de vrije keuzeruimte), één verplicht vak (6 EC), twee specialisatievakken (2x6 EC) en een thesis (12 EC).

Het tweede semester van het derde jaar volg je samen met de studenten van de bachelor International Business Administration. Het onderwijs in het tweede semester is geheel in het Engels.

Houd bij je keuzemogelijkheden binnen je bacheloropleiding rekening met de toelatingseisen voor de masteropleiding, die je wellicht na je bachelor wilt volgen. Ook zul je in bepaalde gevallen (bijvoorbeeld de Master Finance) een extra vak moet volgen, bovenop je regulere programma.

Voor studenten die in september 2013 of eerder zijn gestart met de opleiding Bedrijfskunde en die nog vakken van het derde jaar moeten afronden geldt een overgangsregeling.

Opleidingsdelen:

- [Derde jaar Bachelor Bedrijfskunde – Minor](#)
- [Third year Bachelor \(International\) Business Administration - Obligatory](#)
- [Third year Bachelor \(International\) Business Administration - Specialization](#)

Derde jaar Bachelor Bedrijfskunde – Minor

Het eerste semester is vrije keuzeruimte. Hierin kun je een minor kiezen. Iedere minor bestaat uit vijf vakken van ieder 6 EC. Je hebt de keuze tussen een Faculteitsminor, Universiteitsminor, of een Educatieve minor. Daarnaast heb je de keuze om een eigen vakkenpakket samen te stellen. Dit vakkenpakket dient echter wel vooraf goedgekeurd te zijn door de examencommissie.

Let op: Onderstaande universiteitsminoren mogen niet gevolgd worden door studenten van de bacheloropleiding Bedrijfskunde:

- Business Administration
- Managing Digital Innovation

In plaats van een minor kun je er ook voor kiezen om het eerste semester in het buitenland te gaan studeren. Kijk voor meer informatie op [VUnet > Serviceplein > Studeren in het buitenland \(Uitwisseling\)](#).

Opleidingsdelen:

- [Faculteitsminoren SBE](#)
- [Educatieve minor](#)
- [Universiteitsminoren](#)

Faculteitsminoren SBE

Underneath the minors that have been developed by the School.

Opleidingsdelen:

- [Minor Entrepreneurship](#)
- [Minor Understanding and Influencing Decisions in Business and Society](#)
- [Minor Accounting, Organizations and Society](#)
- [Minor Health Care Management](#)
- [Minor Real Estate Economics and Finance](#)
- [Minor Risk Management for Financial Institutions \(Deloitte\)](#)
- [Minor Applied Econometrics: A Big Data Experience for All](#)
- [Minor Operations Analytics](#)
- [Minor E-Business and Online Commerce](#)
- [Minor Sustainability: Management and Innovation](#)

Minor Entrepreneurship

In SBE's minor in entrepreneurship, students not only study entrepreneurs but also become entrepreneurs. This minor is an exciting set of carefully selected courses that are designed to offer students fundamental knowledge about entrepreneurship in different contexts and enhance their entrepreneurial skill sets. The knowledge students gain from this minor is extremely valuable in today's labor markets, because career success increasingly depends on students' capacity to be proactive, promote change, and pursue new entrepreneurial initiatives that create economic and/or social value. Specifically, completing the

minor will allow students to better appreciate the different forms of entrepreneurship across various contexts, understand the distinct challenges faced by entrepreneurs, and find creative solutions for overcoming these challenges. Indeed, both startup and corporate entrepreneurs often struggle to launch and grow new business ventures such that knowledge about how to successfully develop new entrepreneurial initiatives is essential to any student. So if you are thinking about becoming an entrepreneur, this is definitely the minor for you. But also if you do not have plans to go in that direction, this minor is worthwhile because knowledge of entrepreneurship is critical to anyone who interacts in significant ways with entrepreneurs including managers in large established firms, consultants, bankers, and government policy makers.

This minor contains 5 compulsory courses. Instead of the courses Filming Entrepreneurship and New Venture Creation you may choose to do an internship. Note that the internship has to be approved by the minor coordinator in advance.

Vakken:

Naam	Periode	Credits	Code
Enterprising Behavior	Periode 2	6.0	E_BK3_ENTBEH
Filming Entrepreneurship	Periode 2	6.0	E_BK3_FE
Foundations and Forms of Entrepreneurship	Periode 1	6.0	E_BK3_FFE
Internship Minor Entrepreneurship	Periode 2+3	12.0	E_BK3_IMENT
New Venture Creation	Periode 3	6.0	E_BK3_NVC
Strategic Management of Technology and Innovation	Periode 1	6.0	E_BK3_SMTI

Minor Understanding and Influencing Decisions in Business and Society

The Department of Marketing offers this SBE minor in collaboration with the department of Management and Organization Studies in the fall semester (September-January) starting in the academic year 2016-2017.

The 30 EC programme is entirely taught in English and will allow students to understand and influence human decision making and behavior in the context of organizations (employees, managers, teams) and their interactions with the world outside (markets and consumers, but also business partners and competitors). To achieve this goal, we rely on recent insights from behavioral economics and psychology.

Upon completion of this minor, students will be able to:

- Understand how decisions and behavior are influenced by the physical and social environments and the decision making strategies that are used.
- Based on this knowledge, develop strategies to influence (e.g., through "nudging") the behavior of others in order to achieve business and societal goals, such as increasing sales or reducing environmental pollution.
- Analyze the behavior of others (e.g., employees) in order to improve cooperation and output of teams and organizations

- Formulate negotiation strategies to achieve optimal results in terms of outcomes (distributive negotiations) and relationships among parties involved (integrative negotiations).
- Reflect on the ethical aspects of such influence strategies

The minor is relevant to:

- All students in Business Administration and Economics
- All students from other bachelor programmes that are interested in decision making and influencing other people's behavior (e.g. health science, communication science, psychology, social sciences).

This minor contains 5 compulsory courses. Instead of the courses Designing Interventions in Business and Society and Managing Negotiations: Getting to Yes you may choose to do an internship. Note that the internship has to be approved by the minor coordinator in advance.

Vakken:

Naam	Periode	Credits	Code
Designing Interventions in Business and Society	Periode 3	6.0	E_BK3_DIBS
Internship Minor Understanding and Influencing Decisions in Business and Society	Periode 2+3	12.0	E_BK3_IMUID
Judgment and Decision Making	Periode 1	6.0	E_BK3_JDM
Leadership: Mobilizing People	Periode 1	6.0	E_BK3_LMP
Managing Negotiations: Getting to Yes	Periode 2	6.0	E_BK3_MNGY
Nudge: Influencing Behavior	Periode 2	6.0	E_BK3_NIB

Minor Accounting, Organizations and Society

Financial information systems are part of a company's infrastructure. A thorough understanding of the context in which companies operate is required to be able to design effective information systems. Completing this minor will allow students to understand the effects of integrating traditional bookkeeping with modern IT systems, the legal and societal role of good Corporate Governance as well as the importance of organizational behavior and decision making.

The minor contains 5 compulsory courses.

Vakken:

Naam	Periode	Credits	Code
Accounting and IT Systems I	Periode 1	6.0	E_EBE3_AIT1

Accounting and IT Systems II	Periode 2	6.0	E_EBE3_AIT2
Corporate Governance and Accountability	Periode 2	6.0	E_EBE3_CGA
Organizational Behavior and Decision Making	Periode 1	6.0	E_EBE3_OBDM
Tax and Organizations	Periode 3	6.0	E_EBE3_TO

Minor Health Care Management

The minor Health Care Management is a joint programme offered by the School of Business and Economics (SBE) and the Faculty of Earth and Life Sciences (FALW). It is open to all bachelor students from the VU, from other Dutch universities and from universities abroad.

This minor discusses health care policy from an economic perspective and deals with management of health care organizations, using economic, organization, accounting and finance theories and methods. It offers students in economics and business sciences the opportunity to use economic and organizational theories which enables them to gain in-depth knowledge about the cure and care sector. The minor is also useful for students from other faculties who have studied health care issues from another perspective, like medicine, social sciences, life sciences and behavioral and movement sciences. The minor may be especially helpful for those students who consider working in policy development or managerial positions within the health care sector. The minor relates to two major VU themes: Human & Life Sciences en Professional Services.

The minor focuses on the following themes:

- The economic effects of health, illness, demographic developments and aging.
- The role of government intervention in the health care market, positive and negative economic implications of regulation.
- Structure and functioning of care and cure markets, and the way health care supply meets health care demand.
- The role of health insurance arrangements in influencing health care supply.
- Policy issues around health care regulation, accessibility of care, cost control and health care quality.
- Financial management of health care organizations in their pursuit of health care productivity, cost effectiveness and quality.
- Management of health care organizations, the role of management in steering and controlling professionals, leadership, and communication.

The minor enables students to analyze the effectiveness of health care policies, to analyse complex issues related to financing and controlling health care institutions, and to improve internal management issues within health care organizations.

The minor contains 5 compulsory courses.

Vakken:

Naam	Periode	Credits	Code
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Economic Assessment of Health Care	Periode 2	6.0	E_EBE3_EAHC
Economics of the Dutch Health Care System	Periode 1	6.0	E_EBE3_EDHCS
Financial Management in Health Care Organizations	Periode 2	6.0	E_EBE3_FMHCO
Health Care Management	Periode 3	6.0	E_EBE3_HCM
Health Economics	Periode 1	6.0	E_EBE3_HEC

Minor Real Estate Economics and Finance

Why does economic activity concentrate in specific locations? How do real estate developers react to the strong demand for space at these focal points? What are the implications for the surrounding urban areas? Should the government provide guidance through land use policy? These questions illustrate a number of important topics that will be dealt with in the Minor Real Estate Economics and Finance. You will learn what economic analysis contributes to our understanding of how cities evolve and what role policy can play. You gain insight into the functioning of real estate markets, including their volatility and apparent lack of efficiency.

The minor contains 5 compulsory courses.

Vakken:

Naam	Periode	Credits	Code
Behavioral Finance and Real Estate	Periode 2	6.0	E_EBE3_BFRE
Real Estate Economics and Finance Research Project	Periode 3	6.0	E_EBE3_REEFR
Real Estate Finance and Urban Development	Periode 1	6.0	E_EBE3_REFUD
Real Estate Investment	Periode 1	6.0	E_EBE3_REI
Urban Economics and Real Estate	Periode 2	6.0	E_EBE3_URE

Minor Risk Management for Financial Institutions (Deloitte)

The minor highlights risk issues from different perspectives, such as human behaviour, methods and techniques, financial markets and supervision, and technological innovation. You will gain insights how financial institutions work and analyse their business models and risk issues. The minor emphasises the importance of a holistic view including behavioral finance. Finally, the risks of new developments will be discussed. What is the impact of new financial technologies (FinTech's and Big Data) and how can you mitigate cybercrime.

The minor contains 5 compulsory courses.

Vakken:

Naam	Periode	Credits	Code
A Big Risk Experience	Periode 3	6.0	E_EBE3_BRE
Behavioral Finance and Real Estate	Periode 2	6.0	E_EBE3_BFRE
New Developments in Risk Management	Periode 2	6.0	E_EBE3_NDRM
Risk Management for Financial Institutions	Periode 1	6.0	E_EBE3_RMFI
Risk Management in Banking	Periode 1	6.0	E_EBE3_RMB

Minor Applied Econometrics: A Big Data Experience for All

An in-depth introduction to Econometrics. The Minor Applied Econometrics provides a thorough introduction to econometric methods and techniques with an emphasis on how to implement and carry out the methods in empirical studies and how to interpret the results. The key steps of model formulation, parameter estimation, diagnostic checking, hypothesis testing, model selection and empirical analysis are given extensive attention throughout the different courses. Apart from the fundamentals of econometrics, much emphasis is given to how econometric methods are carried out in different empirical settings and studies. Particular attention will be given to issues related to "big data" in the context of different disciplines in economics and business.

All students with a liking of mathematics, statistics and/or computing are welcome. We aim to attract a heterogeneous group of Bachelor students from VU and outside with good knowledge of mathematics and statistics courses (ideally with grades greater than or equal to 7, but we do not set requirements), and for those who want to distinct themselves. Bachelor Econometrics students are especially welcome. For Bachelor Econometrics students, there is the highly recommendable option in the first period to take the course "Computational Econometrics", as a substitute for the course "Introduction to Econometrics". In this way we make this Minor also of interest to Econometrics students. Furthermore, students can opt for research internships within the Department: to get an experience in working within a research environment and to get a first training in teaching mathematics, statistics and econometrics.

This minor consists of compulsory and elective courses.

- The compulsory courses are Case Study: A Modelling Competition, Introduction to Time Series and, depending on the programme you follow, either Computational Econometrics (for econometric students), or Introduction to Econometrics (for non-econometric students).
- In addition you may choose 2 out of 3 elective courses.
- On top of the programme, described above, you may opt for an internship of 12 EC. In that case, the internship replaces the obligatory course Case Study: A Modelling Competition as well as one of the elective courses (so you choose 1 in stead of 2 elective courses). Note that the internship has to be approved by the minor coordinator in advance.

Students in this Minor will reach for the entrance requirements for Master (honour) programmes such as Quantitative Economics, Quantitative Risk Management, Financial Econometrics, but also other Masters such as

Quantitative Marketing, Econometric Theory, Applied Econometrics, etcetera.

Vakken:

Naam	Periode	Credits	Code
Case Study: A Modelling Competition	Periode 3	6.0	E_EOR3_CSMC
Computational Econometrics	Periode 1	6.0	E_EOR3_CE
Empirical Economics	Periode 2	6.0	E_EOR3_EEC
Empirical Finance	Periode 2	6.0	E_EOR3_EFIN
Empirical Marketing	Periode 2	6.0	E_EOR3_EMKT
Internship Minor Applied Econometrics: A Big Data Experience for All	Periode 2+3	12.0	E_EOR3_IMAE
Introduction to Econometrics	Periode 1	6.0	E_EOR3_IE
Introduction to Time Series	Periode 1	6.0	E_EOR3_ITS

Minor Operations Analytics

By an exciting set of carefully selected courses and business cases, in this minor you will explore the spectrum of analytics skills required for becoming successful in decision making in business. These skills range from identify problems requiring managerial action and translating managerial decisions into mathematical models, to applying, designing and programming algorithms for solving the resulting mathematical problems, to eventually drawing managerial conclusions taking into account behavioral aspects. After finishing your minor, you will be ready for better decision making in business with your quantitative talent as a firm basis.

The students.

The minor is aimed at a mixture of students from Econometrics and Operations Research and students from Business Administration with a strong quantitative interest. However, any student in the Netherlands and abroad with an interest in applying mathematics in a business environment should be interested in this minor. Specifically, students from all over the world in Applied Mathematics, and Industrial Engineering are more than welcome to join.

If you want to acquire experience outside of the university, to apply the theory you studied in real-life, then this minor offers you the opportunity to do an internship. The internship is 12 EC and will replace the case oriented courses (Supply Chain Dynamics and Integrative Practice Lab). In general it will be at a company and will be concluded with a written report. A few talented students may be offered the option to do a research and teaching internship within the participating departments. The internship always has to be approved by the coordinator of the minor.

This minor contains 5 compulsory courses. The 30 EC programme is entirely taught in English. Instead of the courses Supply Chain Dynamics and Integrative Practice Lab you may choose to do an internship. Note

that the internship has to be approved by the minor coordinator in advance.

Vakken:

Naam	Periode	Credits	Code
Data Analytics	Periode 2	6.0	E_EOR3_DA
Integrative Practice Lab	Periode 3	6.0	E_EOR3_IPL
Internship Minor Operations Analytics	Periode 2+3	12.0	E_EOR3_IMOA
Operations Analysis	Periode 1	6.0	E_EOR3_OA
Supply Chain Dynamics	Periode 2	6.0	E_EOR3_SCD
Transport and Distribution Planning	Periode 1	6.0	E_EOR3_TDP

Minor E-Business and Online Commerce

Business-related interactions are increasingly facilitated by various Information & Communication Technologies - from websites and social media to Enterprise Systems, from mobile devices to EDI. In the minor E-business and online commerce, this development is viewed from different disciplines, yet with an integrative perspective. With a focus on Business-to-Consumer online commerce (although taking into account Business-to-Business and Consumer-to-Consumer interaction as well), we address the Marketing, Logistics and Information Systems-related aspects of E-Business. This minor provides students with an in-depth knowledge of the full range of business aspects related to E-business - from consumer interaction to fulfillment, and from marketing strategy to data, analytics and information systems. This knowledge will be applied in answering both academic and practical questions. Also, students will be stimulated to critically reflect on the business and ethical issues related to E-business and online commerce.

For who?

This minor is relevant to students from both the business administration (BK/IBA) and the economics and business economics (EBE) programme. For EBE students, this minor is relevant since commerce is a crucial factor from both a macro-economic and a business economics perspective. As interactions between business and customers increasingly move to the online world, this has far reaching economic implications at several levels.

This minor contains 5 compulsory courses. Instead of the courses Emerging Technologies for E-Business and Online Commerce and Information Systems in E-Business and Online Commerce you may choose to do an internship. Note that the internship has to be approved by the minor coordinator in advance.

Vakken:

Naam	Periode	Credits	Code
Consumer Science for Online Commerce	Periode 1	6.0	E_IBA3_CSOC

E-Commerce Supply Chain Management	Periode 2	6.0	E_IBA3_ESCM
Emerging Technologies for E-Business and Online Commerce	Periode 3	6.0	E_IBA3_ETEOC
Information Systems in E-Business and Online Commerce	Periode 2	6.0	E_IBA3_ISEOC
Internship Minor E-business and Online Commerce	Periode 2+3	12.0	E_IBA3_IMEOC
Introduction to E-Business and Online Commerce	Periode 1	6.0	E_IBA3_IEOC

Minor Sustainability: Management and Innovation

Sustainable development is one of the key challenges for the 21st century. The minor on Sustainability and Innovation offers students a programme rooted in business and economics to explore how innovation can contribute to sustainable development. Sustainability builds on the understanding that actions 'here and now' have effects in other places, for other people, at other moments in time. This leads to grand challenges such as problems with global warming, water, energy, and poverty. Yet, addressing such grand challenges offers opportunities for business as well, and many leading companies and new start-ups are reaping such opportunities. Through sustainable innovations like renewable energy solutions, micro loans, circular business models, and 'sharing economy' platforms, to name just a few, these emerging businesses tap into growth markets. Characteristic of these opportunities is that they create shared value: they do not only create profit, but also create value for planet and people. In this minor students will learn to understand global and local sustainability issues, and learn how to apply this knowledge to design strategies, value chains, and innovations. With its academically and practically challenging programme, this minor aims to inspire students that wish to take on an entrepreneurial role in society by joining an established firm, a government agency, or by starting a firm themselves.

This minor can be followed by all SBE bachelor students. In addition, advanced bachelor students (third year) from other faculties as well as other universities are welcome to join. Particularly those with an interest in Business and Organization Studies, Economics, Social Sciences, Social Psychology, Healthcare, Media and Communication Studies, Engineering, Technology Management, Operations Management and Education. It is especially interesting for:

- Future managers who want to understand how sustainability can be implemented in existing business
- Entrepreneurs / intrapreneurs that want to exploit the opportunities sustainability offers
- Future consultants in sustainability, strategic business consultants, of government policy consultants
- Students that want to be active in NGO's or other societal organizations

It is possible to replace two of the courses for an internship that will be supervised by one of the lecturers of the courses. Internships should be aligned with a topic addressed in the minor and should be initiated by students. Proposals for an internship need approval from the minor

coordinator.

Coordinator: Philipp Tuertscher Department of Information, Logistics and Innovation philipp.tuertscher@vu.nl

This minor contains 5 compulsory courses. The minor programme will be taught in English. Instead of the courses Marketing Sustainable Innovations and Organizing Sustainable Innovation you may choose to do an internship. Note that the internship has to be approved by the minor coordinator in advance.

Vakken:

Naam	Periode	Credits	Code
Grand Challenges for Sustainability	Periode 1	6.0	E_IBA3_GCS
Internship Minor Sustainability and Innovation	Periode 2+3	12.0	E_IBA3_IMSI
Marketing Sustainable Innovations	Periode 3	6.0	E_IBA3_MSI
Organizing Sustainable Innovation	Periode 2	6.0	E_IBA3_OSI
Shared Value Creation	Periode 1	6.0	E_IBA3_SVC
Sustainable Supply Chain Management	Periode 2	6.0	E_IBA3_SSCM

Educatieve minor

Voor meer informatie over de educatieve minor Economie, zie <http://vu.nl/nl/opleidingen/minoren/educatieve-minoren/index.aspx>. Hier vind je onder meer het vakkenoverzicht en de toelatingseisen van deze minor.

Opleidingsdelen:

- [Educatieve Minor](#)

Educatieve Minor

Opleidingsdelen:

- [Educatieve minor Aardrijkskunde](#)
- [Educatieve minor Biologie](#)
- [Educatieve minor Economie](#)
- [Educatieve minor Engels](#)
- [Educatieve minor Frans](#)
- [Educatieve minor Godsdienst en Levensbeschouwing](#)
- [Educatieve minor Klassieke Talen](#)
- [Educatieve minor Geschiedenis](#)
- [Educatieve minor Natuurkunde](#)
- [Educatieve minor Nederlands](#)

- [Educatieve minor Scheikunde](#)
- [Educatieve minor Wiskunde](#)

Vakken:

Naam	Periode	Credits	Code
Persoonlijk Assistent Leraar	Periode 1+2+3, Periode 4+5+6	3.0	O_PAL

Educatieve minor Aardrijkskunde

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Biologie

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1

Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR
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Educatieve minor Economie

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Engels

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Frans

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Godsdienst en Levensbeschouwing

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Klassieke Talen

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Geschiedenis

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Natuurkunde

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1

Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Nederlands

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Scheikunde

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Educatieve minor Wiskunde

Opleidingsdelen:

- [Educatieve Minor verplicht](#)

Educatieve Minor verplicht

Vakken:

Naam	Periode	Credits	Code
Educatieve Minor Didactiek 1	Periode 1	6.0	O_EMDID1
Educatieve Minor Didactiek 2	Periode 2+3	9.0	O_EMDID2
Educatieve Minor Praktijk 1	Periode 1	6.0	O_EMPRAK1
Educatieve Minor, Peergroep	Periode 1+2+3	0.0	O_EMPEERGR

Universiteitsminoren

De universiteitsminoren

- Zijn in principe toegankelijk voor alle bachelorstudenten van alle faculteiten.
- Kennen voor sommige minoren een toegangseis.
- Hebben een vaste omvang van 30 EC.
- Vooraf geen toestemming van je eigen examencommissie nodig om de 30 EC van deze minor mee te laten tellen in het afstudeerpakket van je opleiding.
- Indien een bepaald vak uit de universiteitsminor onderdeel uitmaakt van je reguliere curriculum, kun je deze minor niet (volledig) volgen omdat vakken niet twee keer kunnen meetellen. Vraag in dat geval toestemming van de examencommissie voor de invulling van de profileringsruimte.

Opleidingsdelen:

- [Minor Brain and Mind](#)
- [Minor Sustainability: Global Challenges, Interdisciplinary Solutions](#)
- [Minor Sport, Bewegen en Gezondheid](#)
- [Minor Business Administration](#)
- [Minor Global Food Security](#)
- [Minor Managing Digital Innovation](#)
- [Minor Economics](#)
- [Minor Islam](#)
- [Minor Digital Humanities and Social Analytics](#)
- [Minor in English](#)
- [Minor Gender and Diversity](#)
- [Minor History](#)
- [Minor Aan de slag met Literatuur](#)
- [Minor Migration Studies](#)

- Minor Psychologie en het Brein
- Minor Law and Global Society
- Minor Technology, Law and Ethics
- Minor Development and Global Challenges
- Minor Political Science
- Minor Filosofie

Minor Brain and Mind

Vakken:

Naam	Periode	Credits	Code
Brain in Trouble	Periode 2	6.0	AB_1038
Cognitive Neuroscience	Periode 1	6.0	AB_1056
Mind and Machine	Periode 3	6.0	AB_1060
Nature versus Nurture	Periode 1	6.0	AB_1057
The Developing Brain	Periode 2	6.0	AB_1059

Minor Sustainability: Global Challenges, Interdisciplinary Solutions

Vakken:

Naam	Periode	Credits	Code
Designing Solutions for Global Sustainability	Periode 3	6.0	AB_1231
Governance of Global Sustainability	Periode 1	6.0	AB_1229
Grand Challenges for Sustainability	Periode 1	6.0	E_IBA3_GCS
Sustainability and Environmental Change	Periode 2	6.0	AB_1230
Sustainable Supply Chain Management	Periode 2	6.0	E_IBA3_SSCM

Minor Sport, Bewegen en Gezondheid

Vakken:

Naam	Periode	Credits	Code
Inleiding Inspanningsfysiologie	Periode 1	6.0	B_IF
Neuro- en Revalidatiepsychologie	Periode 3	6.0	B_NEURREVPSY
Revalidatie	Periode 1	6.0	B_REVAL

Sensomotorische Coördinatie	Periode 2	6.0	B_SENSOCOR
Sportpsychologie	Periode 1	6.0	B_SPORTPSY
Talent and Talent Identification	Periode 3	6.0	B_TALIDENT
Toegepaste Inspanningsfysiologie	Periode 2	6.0	B_TIF

Minor Business Administration

Why are some companies outperforming their rivals? How is it that companies like Nike and ASML are responsive to changes in customer preferences and are successfully battling their competitors, whereas companies like General Motors and Philips struggle? Why are companies like Airbnb and Uber successful in developing and selling product and service innovations, whereas publishers and record companies lack innovative capacity? How is it possible that long-existing companies are surpassed by new venture start-ups with radical different business approaches, such as Shapeways and Blendle? The answers to these questions show that high-performing companies excel in using new ways of management and organization. Specifically, these companies have business models that work in today's dynamic environment.

In the Minor in Business Administration you will learn to build, assess, and change business models and tackle management and organization issues.

The Minor in Business Administration is a 30 EC programme taught in English. You will become familiar with the foundations of business administration: strategy, marketing, finance, accounting, logistics, technology, and human resource management. Using business model thinking, you will combine and apply the knowledge from these disciplines to study businesses. In addition, midway the programme you are asked to select a specialization theme, which enables you to obtain a deeper understanding about the relationship between your profession and a business discipline. In addition to academic skills, the programme emphasizes professional skills, including creativity, communication, reflexivity, and consultancy. The Minor Business Administration provides you with knowledge and skills to successfully act in dynamic organizations, irrespective of your professional background.

Students in the BSc programmes Economics and (International) Business Administration are excluded from participating in this University Minor.

Vakken:

Naam	Periode	Credits	Code
Business Model Assessment	Periode 2	6.0	E_MB_BMA
Business Model Innovation	Periode 1	6.0	E_MB_BMI
Business Professionals	Periode 2	6.0	E_MB_BPROF
Business Project	Periode 3	6.0	E_MB_BPROJ
Foundations of Business Administration	Periode 1	6.0	E_MB_FBA

Minor Global Food Security

Global food security is at the core of many of today's societal problems, varying from undernourished children to obese adults and elderly; climate change presents a challenge for future food production; novel technologies raise ethical questions with respect to animal welfare, preservation of biodiversity, and protection of national policy autonomy. These and many other societal issues are part of the content of this course. These insights will be useful to a variety of academic and societal fields, and may help you to choose your master's programme.

This minor takes real world problems as a starting point. Examples, assignments and (guest)lectures will be based on the variety of actual challenges related to food security. Throughout the minor, culminating in an advisory report in the last course, you will conduct an assignment for a real organization active in the field of food security; e.g. the Ministry of Economic Affairs; Oxfam Novib; FrieslandCampina.

Jobs are increasingly about combinations of insights and skills rather than specialized knowledge only. In this minor you will acquire skills and insights from different scientific backgrounds to be able to conduct interdisciplinary research. The fact that this minor is offered by the Amsterdam Centre for World Food Studies, an institute that brings together researchers from different faculties of the VU to conduct inter- and transdisciplinary research on food security, guarantees the richness of skills and methods taught.

Vakken:

Naam	Periode	Credits	Code
Agriculture for Food and Nutrition Security	Periode 1	6.0	E_MG_AFNS
Applications in Food and Nutrition Security Analysis	Periode 3	6.0	E_MG_AFNSA
Challenges of Food and Nutrition Security	Periode 1	6.0	E_MG_CFNS
Economics and Politics for Food and Nutrition Security	Periode 2	6.0	E_MG_EPFNS
Food and Quality of Life	Periode 2	6.0	E_MG_FQL

Minor Managing Digital Innovation

The opportunities of the digital era are essentially unlimited. Innovative technologies may completely change how business and design processes are set up, while new directions for fruitful start-ups are countless. This calls for new and strategic ways of organising these opportunities to innovate in the digital world. If you are interested in new, exciting ways to organise for digital innovation, if you want to learn how new digital technologies such as big data, 3D printing and robotization change the way of working in your own field of expertise; if you are interested in how to design and organise pervasive digital technologies, if you would like to start your own Spotify, Uber or Airbnb in your own specific discipline and would like to learn how to do

so; if you are interested in new professional, organisational and managerial insights related to digital innovation, this minor is for you.

This minor is a 30 EC programme taught in English. The programme consists of five courses taught during the first semester of the third year of your Bachelor program.

Students in the Bachelor programmes (International) Business Administration are excluded from participating in this university minor.

Vakken:

Naam	Periode	Credits	Code
Business Intelligence and Analytics	Periode 2	6.0	E_MM_BIA
Ethics of Algorithms	Periode 3	6.0	E_MM_ETHA
Introduction to Digital Innovation	Periode 1	6.0	E_MM_IDI
New Ways of Working	Periode 2	6.0	E_MM_NWW
Strategic Management of Technology and Innovation	Periode 1	6.0	E_BK3_SMTI

Minor Economics

What is the future of employment in the face of technical innovation? Why does the discovery of natural resources make a country sometimes poorer rather than richer? How can we keep the pension and health care system sustainable if there are only half as many working age people? Why do economic crises occur? These questions illustrate how economics touches upon the most pressing problems of today: economic well-being, inequality and sustainability. In the minor in Economics you will learn to tackle economic issues by learning to think like an economist.

The minor in Economics is a 30 EC programme taught in English. You will become familiar with the development of economic thought, including the principles of micro- and macroeconomic theory and key insights from empirical economic analysis. You will gain insight into the role of economic policy, learning to identify when markets fail and when policy interventions may provide solutions. Finally, you learn to take a structured approach to solving practical problems using economic core concepts. Upon completion you will have a proven ability to apply sound economic reasoning to a range of issues on a micro- and macroeconomic level, for example related to health, law, environment, finance, labor, transport, and development.

Students in the BSc programmes Economics and Econometrics are excluded from participating in this university minor.

Vakken:

Naam	Periode	Credits	Code
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Applications in Economic Policy: Policy Analysis, Formulation and Evaluation	Periode 3	6.0	E_ME_AEP
Business Cycles and Stabilization Policy	Periode 2	6.0	E_ME_BCSP
Development of Macroeconomic Thought	Periode 1	6.0	E_ME_DMT
Foundations of Microeconomics	Periode 1	6.0	E_ME_FM
Structural Policy	Periode 2	6.0	E_ME_SP

Minor Islam

Vakken:

Naam	Periode	Credits	Code
Hadith-wetenschappen	Periode 2	6.0	G_HADITHW
Inleiding in de Koran en Soenna	Periode 1	6.0	G_INLKOSO
Islam en Europese cultuur	Periode 1	6.0	G_ISLEURCUL
Islamitische ethiek	Periode 3	6.0	G_ISLAMET
Islamitische theologie/Kalam	Periode 2	6.0	G_ISLMTHKAL

Minor Digital Humanities and Social Analytics

Vakken:

Naam	Periode	Credits	Code
Digital Humanities and Social Analytics in Practice	Periode 3	6.0	L_AABAALG048
Digitization: from Life to Data (UvA)	Periode 1	6.0	L_AABAUVA008
Introduction to Information and the Digital (UvA)	Periode 1	6.0	L_AABAUVA001
Programming for Humanities and Social Sciences	Periode 2	6.0	L_AABAALG069
Text Mining for Digital Humanities	Periode 2	6.0	L_PABAALG004
Visualizing Humanities and Social Analytics	Periode 2	6.0	L_AABAALG066

Minor in English

Vakken:

Naam	Periode	Credits	Code
Global English	Periode 1	6.0	L_ETBAETK209
Minor English: English in my own Discipline	Periode 3	6.0	L_ETBAALG008
Minor English: Grammar and Writing 1	Periode 1	6.0	L_ETBAALG007
Minor English: Pronunciation and Presentation	Periode 2	6.0	L_EABAALG006
Minor English: Writing 2	Periode 2	6.0	L_ETBAALG005

Minor Gender and Diversity

In this multidisciplinary minor you will learn how to critically perceive contemporary discussions in science and society from the perspective of gender and diversity. You will gain knowledge of the relevant theories on gender, race, ethnicity and sexual orientation in the disciplinary fields of history, philosophy, literature, medicine, sociology and anthropology, and theology. You develop a diverse perspective in discussions with students from other disciplines in the classroom. In assignments you apply the knowledge achieved to your own disciplinary field.

Choose 2 out of 3 courses in period 2: American Film; From Cell to Society; Identity, Diversity and Inclusion

Vakken:

Naam	Periode	Credits	Code
American Film: Cinematic Representations of the "Other"	Periode 2	6.0	L_ELBAELK208
Critical Perspectives on Science	Periode 1+2+3	6.0	W_CPOS
From Cell to Society	Periode 2	6.0	W_FCTS
Identity, Diversity and Inclusion	Periode 2	6.0	S_IDI
Religions and Gender	Periode 3	6.0	G_RELGEN
The Personal is Political: Biography, Gender and Diversity	Periode 1	6.0	L_AABAALG068

Minor History

Vakken:

Naam	Periode	Credits	Code
Decolonizing Europe	Periode 2	6.0	L_GCBAALG008

Democracy: A History	Periode 2	6.0	L_GABAGES212
General History	Periode 1	6.0	L_GABAALG013
Imagining the Dutch:themes Dutch History	Periode 1+2	6.0	L_GCBAALG003
Research Tutorial	Periode 3	6.0	L_GABAALG014

Minor Aan de slag met Literatuur

Vakken:

Naam	Periode	Credits	Code
Creative Writing	Periode 2	6.0	L_NNBAALG001
Het boek: papier en digitaal	Periode 1	6.0	L_AABAALG067
Meesterwerken uit de wereldliteratuur	Periode 1+2	12.0	L_AABAALG020
Schrijvershuisbezoeken	Periode 2	6.0	L_NNBAALG002

Minor Migration Studies

Vakken:

Naam	Periode	Credits	Code
Human Rights and Citizenship	Periode 2	6.0	R_HumRC
Human Rights and the Border	Periode 1	6.0	R_HumRB
Introduction Migration Studies	Periode 1	6.0	L_GABAALG011
Migration, Ethnicity and the Economy	Periode 1	6.0	L_GWBAALG002
Nation and Migration	Periode 2	6.0	S_NM
Research Paper Migration Studies	Periode 3	6.0	L_GWBAALG003

Minor Psychologie en het Brein

De kennis over de psyche en ons brein groeit snel. Wekelijks verschijnen er artikelen en boeken met baanbrekende inzichten over de werking van onze hersenen en het effect hiervan op ons gedrag. Deze kennis verandert de wereld, met steeds sterk wordende effecten op marketing, rechtspraak, technologie, computers, onze voeding en de economie. Het geeft ons inzichten in waarin en waarom we van elkaar verschillen, en helpt ons bepaalde groepsprocessen in de maatschappij te verklaren. Kennis over de psychologie en ons brein zijn een must voor iedereen die wil begrijpen waarom we doen wat we doen.

Doel

De minor Psychologie en het brein laat studenten kennismaken met de vakgebieden die gedrag en brein onderzoeken. Studenten krijgen in de minor een overzicht van de psychologie en de cognitieve neurowetenschappen, en worden vervolgens geïntroduceerd in de manier van onderzoek doen in deze velden. De doelstellingen hierbij zijn bij de student:

- a. de kennis aan te brengen om met verstand te oordelen over claims die zowel binnen als buiten de wetenschap over psyche en brein worden gemaakt,
- b. de vaardigheden bij te brengen om zelf onderzoek te doen naar psyche en brein.

Doelgroep:

De minor is aantrekkelijk voor studenten met een algemene interesse in psychologie en de hersenen, met voorkennis van statistiek (zoals aangeboden in bachelors in de sociale wetenschappen, economie, exacte en biomedische wetenschappen).

Ingangseisen:

- Minstens 90 EC behaald binnen één bachelorprogramma.
- Minstens 6 EC behaald aan statistische vakken.

Aantal deelnemers:

Er geldt een maximum van vijftig studenten per jaar, die op basis van First come First serve worden gekozen.

Vakken:

Naam	Periode	Credits	Code
Behaviour Genetics	Periode 2	6.0	P_BBEHGEN
Biologische Psychologie (UM)	Periode 2	6.0	P_UBIOPSY
Cognitive Neuroscience	Periode 1	6.0	P_BCOGNEUS
Inleiding Psychologie (UM)	Periode 1	6.0	P_UINLPSY
Psychophysiological and Cogn. Appl.	Periode 3	6.0	P_BPCAPP

Minor Law and Global Society

Globalisation impacts the way we live. We meet different people, learn about diverse cultures, and internet facilitates world-wide communication and information exchange. Law traditionally focuses on nation states, but topics like migration, internet, climate, and terrorism do not stop at the border. Quite the contrary. The objective of this minor is to become aware of the fact that many societal issues ask for a transboundary approach to law.

The minor explores the role of law in defining and resolving social issues concerning the globalisation of societies. Central topics are migration (transnational movement), internet (transnational communications) and climate change (transnational action).

This minor offers students insight in questions, such as:

- Why transnational issues are not suited for unilateral, national actions;
- What states can do within international law (such as European Union)

law);

- The ways in which states are currently responding to these issues;
- The criticism of the current actions and regulations;
- Future perspectives.

After completing this minor, the student has knowledge of the core of the legislation concerning the three topics, has gained insight in the most important critique and analysis of this legislation (from a legal, policy-orientated, sociological, anthropological and/or philosophical perspective), and is capable of critically judging proposed changes. For each of the topics the student knows which actors play a role in making rules and policy, how states work together (or not), the consequences of this (lack of) cooperation and the future perspective for transnational regulations in migrations, climate change and internet. Knowledge of these 'case studies' and the theory involved also enables student to independently reflect on other areas of transnational problems, such as security.

Vakken:

Naam	Periode	Credits	Code
Climate Change Law	Periode 2	6.0	R_TL-TP
Current Issues in Migration Law	Periode 3	3.0	R_HumRCI
Current Issues in Transnational Law	Periode 3	3.0	R_CIsTrL
Human Rights and Citizenship	Periode 2	6.0	R_HumRC
Human Rights and the Border	Periode 1	6.0	R_HumRB
Internet Governance	Periode 1	6.0	R_InternGov

Minor Technology, Law and Ethics

Vakken:

Naam	Periode	Credits	Code
Data Analytics and Privacy	Periode 2	6.0	R_DAP
Governance and Regulation of Emerging Technologies	Periode 1	6.0	R_GRET
Law and Ethics of Reproductive Technologies	Periode 3	6.0	R_LERT
Philosophy and Neuroethics	Periode 2	6.0	W_BA_PNEU
Robot Law and Artificial Intelligence	Periode 1	6.0	R_RLAI

Minor Development and Global Challenges

Vakken:

Naam	Periode	Credits	Code
Development and Globalization	Periode 1	6.0	S_DG
Environment and Development	Periode 1	6.0	S_ED
Global Political Economy	Periode 2	6.0	S_GPE
Identity, Diversity and Inclusion	Periode 2	6.0	S_IDI
Minor's Tutorial in Development and Global Challenges	Periode 1+2+3	0.0	S_MWDCG
Urban Studies	Periode 1+2+3	6.0	S_UBS

Minor Political Science

Vakken:

Naam	Periode	Credits	Code
Comparative Political Research	Periode 1	6.0	S_CPR
EU Governance in an International Context	Periode 2	6.0	S_EUGIC
Global Political Economy	Periode 2	6.0	S_GPE
Research Project Political Science	Periode 2+3	6.0	S_RPPS
State, Power and Conflict	Periode 1	6.0	S_SPC

Minor Filosofie

Vakken:

Naam	Periode	Credits	Code
Ethics I	Periode 2	6.0	W_BA_ETH1
Kopstukken I	Periode 1	6.0	W_BA_KOPI
Kopstukken II	Periode 2+3	6.0	W_BA_KOPII
Philosophy of Mind II	Periode 2	6.0	W_BA_PHMII
Wetenschapsfilosofie	Periode 1	6.0	W_BA_MWET

Third year Bachelor (International) Business Administration - Obligatory

The course, listed below, is obligatory.

Vakken:

Naam	Periode	Credits	Code
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Ethics	Periode 4	6.0	E_BK3_ETH
Thesis	Ac. Jaar (september)	12.0	E_BK3_THS

Third year Bachelor (International) Business Administration - Specialization

Choose a specialization. Each specialization contains two courses and a thesis.

Opleidingsdelen:

- [Third year Bachelor \(International\) Business Administration - Specialization Accounting](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Digital Business Innovation](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Economics](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Entrepreneurship](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Finance](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Financial Management](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Human Resource Management](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Management Consulting](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Marketing](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Strategy and Organization](#)
- [Third year Bachelor \(International\) Business Administration - Specialization Transport and Supply Chain Management](#)

Third year Bachelor (International) Business Administration - Specialization Accounting

The specialization Accounting consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Accounting Information Systems	Periode 4	6.0	E_EBE3_ACIS
Auditing	Periode 5	6.0	E_EBE3_AUD

Third year Bachelor (International) Business Administration - Specialization Digital Business Innovation

Vakken:

Naam	Periode	Credits	Code
Business Intelligence and Analytics	Periode 4	6.0	E_IBK3_BIA
Knowledge Management	Periode 5	6.0	E_IBK3_KM

Third year Bachelor (International) Business Administration - Specialization Economics

The specialization Economics consists of two courses plus a thesis.

The course Inclusive Growth and Sustainability, as well as the thesis, are compulsory. Furthermore, you may choose between Microeconomics II and Public Economics. Note that the course Microeconomics II will be lectured in the Dutch language; therefore non-Dutch speaking IBA students have to opt for the course Public Economics.

Vakken:

Naam	Periode	Credits	Code
Inclusive Growth and Sustainability	Periode 5	6.0	E_EBE3_IGS
Microeconomics II	Periode 4	6.0	E_EBE2_MICEC
Public Economics	Periode 4	6.0	E_EBE2_PE

Third year Bachelor (International) Business Administration - Specialization Entrepreneurship

The specialization Entrepreneurship consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Foundations of Strategic Management	Periode 4	6.0	E_IBK3_FSM
Small Business Development	Periode 5	6.0	E_IBK3_SBD

Third year Bachelor (International) Business Administration - Specialization Finance

The specialization Finance consists of two courses plus a thesis. Please be aware that, in case you like to enter the master Finance after your BSc, you need to pass an additional course, namely Financial Markets and Institutions (E_EBE3_FMI).

Vakken:

Naam	Periode	Credits	Code
Financial Modelling and Derivatives	Periode 4	6.0	E_IBK3_FMD
Investments	Periode 5	6.0	E_EBE3_INVES

Third year Bachelor (International) Business Administration - Specialization Financial Management

The specialization Financial Management consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Financial Modelling and Derivatives	Periode 4	6.0	E_IBK3_FMD
International Financial Management	Periode 5	6.0	E_IBK3_IFM

Third year Bachelor (International) Business Administration - Specialization Human Resource Management

The specialization Human Resource Management consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Contemporary Perspectives on HRM Theory	Periode 5	6.0	E_IBK3_CPHRM
Contemporary Perspectives on OB: Leading Change	Periode 4	6.0	E_IBK3_CPOB

Third year Bachelor (International) Business Administration - Specialization Management Consulting

The specialization Management Consulting consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Debates in Consulting Research	Periode 5	6.0	E_IBK3_DCR
Foundations of Strategic Management	Periode 4	6.0	E_IBK3_FSM

Third year Bachelor (International) Business Administration - Specialization Marketing

The specialization Marketing consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Consumer Behavior	Periode 4	6.0	E_EBE3_CBEH

Digital Marketing and Metrics	Periode 5	6.0	E_EBE3_DMM
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Third year Bachelor (International) Business Administration - Specialization Strategy and Organization

The specialization Strategy and Organization consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Foundations of Strategic Management	Periode 4	6.0	E_IBK3_FSM
Strategic Management from a Practice Perspective: A Day in the Life of a CEO	Periode 5	6.0	E_IBK3_SMPP

Third year Bachelor (International) Business Administration - Specialization Transport and Supply Chain Management

The specialization Transport and Supply Chain Management consists of two courses plus a thesis.

Vakken:

Naam	Periode	Credits	Code
Managing and Improving Quality	Periode 5	6.0	E_IBK3_MIQ
Procurement and Supply Management	Periode 4	6.0	E_IBK3_PSM

Honours programme

The Honours Programme (HP) offers several advantages to our students that are summarized on the first page of your BSc in this study guide under the heading of 'General information about the SBE Honours Programme'. All honours courses are special courses that are only accessible to honours students.

The increased study load is 30 EC of honours courses (or more if you prefer). The programme consists at least 12 credits SBE honours courses, of at least 12 credits Interdepartmental honours courses and 6 credits for an elective that you are free to choose within all honours courses offered either by our School or elsewhere by Vrije Universiteit, the University of Amsterdam and Amsterdam University College.

For more information, use the link to Honours Programme at the first page of this study guide.

Opleidingsdelen:

- [SBE Honours Courses](#)
- [Interdepartmental Honours Courses](#)

SBE Honours Courses

The SBE honours courses of the Honours Programme are taught mainly in the evening by lecturers from our School. The classes are small and you will be expected to give presentations, write papers and make an active contribution to discussions.

The 6 credits of the Research Assistantship count only as elective and not as credits to fulfill the 12 credits of SBE honours courses.

You have to choose at least 12 credits of FEWEB honours courses from the list below. Enrollment into these courses is via VUnet, except for a Research Assistantship.

Vakken:

Naam	Periode	Credits	Code
Behavioral Game Theory	Periode 2	6.0	E_HP2_BGT
Bubbles and Crashes	Periode 5	6.0	E_HP1_BC
Contemporary Challenges in Corporate Strategy	Periode 4	6.0	E_HP1_CCCS
Economics of Globalization: A Transaction Cost Perspective	Periode 4	6.0	E_HP1_EGTC
Research Assistantship Honours Course	Ac. Jaar (september)	6.0	E_HP2_RASS

Interdepartmental Honours Courses

The interdisciplinary components of the Honours Programme are taught mainly in the evening by lecturers from Vrije Universiteit, the University of Amsterdam and Amsterdam University College, as well as guest lecturers from the Netherlands and abroad. The classes are small and you will be expected to give presentations, write papers and make an active contribution to discussions.

You have to choose at least 12 credits of Interdepartmental honours courses from the overview of interdepartmental honours courses, as well as an application form, at: <http://www.vu.nl/honourscourses>.

Extra cursussen voor toelating tot een van de Masteropleidingen van SBE

Na de bacheloropleiding kun je je verder specialiseren in een masteropleiding. De masteropleiding is een wetenschappelijke opleiding, waarbij niet alleen het doen van onderzoek, maar ook de toepassing van de wetenschap centraal staat. Zo neemt in alle masteropleidingen van onze faculteit het zelfstandig opzetten en uitvoeren van

wetenschappelijk onderzoek een belangrijke plaats in. Daarnaast wordt er ook veel met cases gewerkt. Alle masteropleidingen zijn Engelstalig.

Op de introductiepagina van deze studiegids vind je de ingangseisen voor studenten met een FEWEB-Bacheloropleiding Bedrijfskunde voor toelating tot een masteropleiding van FEWEB.

Voor de meeste masters geldt dat je binnen je bachelor de specialisatie of track kunt volgen in die richting en dan direct kunt doorstromen naar die master. In sommige gevallen is dit echter niet mogelijk en zul je extra vakken bovenop je bachelorprogramma moeten volgen voor toelating.

In onderstaande lijst staan alle vakken die niet binnen je curriculum vallen. Mocht je een van onderstaande vakken moeten volgen om toegelaten te kunnen worden tot je gewenste masteropleiding, dan kun je hiervoor op de gebruikelijke manier intekenen via de intekenmodule in VUnet.

Vakken:

Naam	Periode	Credits	Code
Analysis I	Periode 1+2	6.0	X_400641
Analysis II	Periode 4+5	6.0	X_400642
Calculus 1	Periode 1	6.0	E_EOR1_CAL1
Calculus 2	Periode 2	6.0	E_EOR1_CAL2
Econometrics I	Periode 1+2	6.0	E_EOR2_TR1
Econometrics II	Periode 4+5	6.0	E_EOR2_TR2
Econometrics III	Periode 4	6.0	E_EOR3_TR3
Financial Accounting	Periode 4	6.0	E_EBE2_FAC
Financial Econometrics	Periode 5	6.0	E_EOR3_FTR
Financial Markets and Institutions	Periode 4	6.0	E_EBE3_FMI
Management Accounting	Periode 5	6.0	E_EBE2_MANAC
Microeconomics II	Periode 4	6.0	E_EBE2_MICEC
Numerical Methods	Periode 1+2	6.0	E_EOR2_NUME
Operations Research I	Periode 1+2	6.0	E_EOR2_OR1
Operations Research II	Periode 4+5	6.0	E_EOR2_OR2
Probability Theory	Periode 1+2	6.0	E_EOR1_PT
Programming for Economists	Periode 6	6.0	X_400644
Quantitative Research Methods III - Economics and Finance	Periode 4	6.0	E_EBE3_QRMEF
Statistics	Periode 4+5	6.0	E_EOR1_STAT

A Big Risk Experience

Vakcode	E_EBE3_BRE ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels

Faculteit	School of Business and Economics
Coördinator	M.J. Hopman
Examinator	M.J. Hopman
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

This is the practical course in the minor Risk Management for Financial Institutions (RMFI). The objective is to experience a real risk management challenge or problem in a Financial Institution. In a group of students you will be working on a practical problem regarding risk management. Your group will write a report and give a presentation.

Inhoud vak

After the gained knowledge in the four RM courses, it is time to experience risk management in practice. There will be several topics regarding risk available where financial institutions has to deal with. With your group (2-4 students) you will identify, monitor and assess the problem. Depending on the underlying request of the institution you will analyse and find an answer to the problem. Your group will be guided by an risk expert from a financial institution. You will visit and or working at a financial institution on this assignment.

Onderwijsvorm

Kick-off meeting, guidance of experienced risk expert. 4 weeks full practical research, 2 weeks preparation for presentation and report

Toetsvorm

Written report and presentation

Literatuur

Not applicable

Vereiste voorkennis

There is no formal entrance requirement for the Deloitte minor RM except for VWO Wiskunde A (or B).

Aanbevolen voorkennis

A basic course in quantitative methods and/or statistics is strongly recommended

Doelgroep

The Deloitte minor RMFI is for students from all bachelor programmes (with some exceptions, see the admission criteria below) who want to acquire familiarity with Risk Management and Financial Institutions.

Academic Skills

Vakcode	E_BK1_ACSK ()
Periode	Periode 3
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. H.S. Heusinkveld

Examinator	dr. H.S. Heusinkveld
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Academische vaardigheden zijn essentieel voor het goed kunnen functioneren in een wetenschappelijke omgeving zoals in een rol van universitair student en wetenschappelijk gevormde professional. Het centrale doel van dit vak is het verkrijgen van elementair inzicht in de processen, producten en mores van wetenschap binnen het academische veld van Bedrijfskunde en het ontwikkelen van vaardigheden om wetenschappelijk verantwoord onderzoekswerk te kunnen produceren. Daarvoor zullen studenten in staat moeten zijn om (1) onderscheid te kunnen maken tussen vormen van wetenschappelijke en niet-wetenschappelijke kennisverwerving en rapportage en (2) een wetenschappelijk paper over een bedrijfskundig onderwerp te schrijven. Het volgen van deze cursus draagt bij aan: het adequaat kunnen lezen en schrijven van wetenschappelijke teksten (academische vaardigheden), het wetenschappelijk verantwoord ontwikkelen van een origineel en relevant academisch onderzoek (onderzoeksvaardigheden), het kunnen analyseren van teksten in teamverband en effectief kunnen communiceren over onderzoek richting andere wetenschappers (sociale vaardigheden), het kritisch-wetenschappelijk kunnen beoordelen van redeneringen en conclusies (algemene ontwikkeling) en verkrijgen van kennis over wat het betekent om als wetenschapper te werken (zelfbewustzijn).

Inhoud vak

In deze cursus zullen studenten niet alleen hun kennis over de kenmerken van de academisch verantwoorde praktijken en het onderscheid met andere vormen van kennisverwerving en rapportage verder verdiepen, maar deze ook gaan toepassen. Studenten doorlopen hierbij de belangrijkste stappen in het schrijven van een wetenschappelijk onderzoekspaper over een bedrijfskundig onderwerp. Hierin ontwikkelen studenten vaardigheden onder meer op het vlak van het introduceren, afbakenen en verantwoorden van een onderwerp, het creëren van een productieve onderzoeksvraag hierover, het verkrijgen, analyseren en verwerken van relevante literatuur, het trekken van verantwoorde conclusies en het ontwikkelen van een passende onderzoeksopzet.

Onderwijsvorm

- Hoorcolleges
- Werkcolleges

Toetsvorm

- Individuele opdracht
- Groepsopdracht

Literatuur

- Lee, N., and Lings, I. (2008). Doing business research: a guide to theory and practice. London: Sage.
- Additioneel materiaal verstrekt via Canvas of via de werkgroepdocent

Aanbevolen voorkennis

Kennis van Organization Theory is cruciaal gegeven dat de behandelde thema's hierin de basis vormen voor een mogelijk onderwerp voor het wetenschappelijke paper.

Accounting

Vakcode	E_BK2_ACC1 ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. S.C. Go
Examinator	dr. S.C. Go
Docent(en)	prof. dr. T.L.C.M. Groot, prof. dr. C. Camfferman RA, drs. F. Duimstra, dr. S.C. Go
Lesmethode(n)	Hoorcollege, Werkgroep, Responsiecollege
Niveau	200

Doel vak

Academische vaardigheden je leert aan de hand van de belangrijkste Accounting-methoden om essentiële informatie te onderscheiden van minder belangrijke informatie.

Kwantitatieve vaardigheden: je leert hoe financiële informatie geordend kan worden zodat hiermee bijvoorbeeld management beslissingen ondersteund kunnen worden.

Vakkennis: je krijgt een goede basiskennis over diverse soorten accounting methoden en technieken waarmee in de informatiebehoeften van verschillende gebruikers wordt voorzien.

Link met de praktijk: je leert aan de hand van uitgewerkte cases hoe je de kennis die je opdoet bij dit vak kunt toepassen in de praktijk.

Algemene ontwikkeling: je leert dat Accounting geen statisch vak is maar wordt beïnvloed door de actualiteit, veranderende normen en waarden en nieuwe inzichten.

Na afronding van dit vak:

- kun je het verschil uitleggen tussen Financial en Management Accounting;
- ben je in staat uit te leggen welke financiële informatie het management van een onderneming nodig heeft om haar taken uit te oefenen en beslissingen te nemen;
- kun je deze financiële informatie analyseren en interpreteren;
- kun je uitleggen hoe de belangrijkste methoden worden toegepast in de praktijk;
- ben je in staat om uit te leggen hoe de basisoverzichten van Financial Accounting (balans, resultatenrekening en kasstroomoverzicht) zijn opgebouwd en hoe ze onderling samenhangen;
- kun je het verschil uitleggen tussen de verschillende gebruiksdoelen van de financiële overzichten en de gevolgen daarvan.

Inhoud vak

Na het volgen van Accounting begrijp je het belang van accounting-informatie voor ondernemingen. Je weet dat verschillende soorten gebruikers verschillende informatiebehoeften hebben en dat er diverse soorten accounting methoden en technieken zijn om in deze

informatiebehoeften te voorzien.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Tussentoets, gesloten vragen - individuele beoordeling;
Tentamen, zowel gesloten als open vragen - individuele beoordeling.

Literatuur

- Handboek (titel wordt nog bekend gemaakt)
- diverse wetenschappelijke artikelen (titels worden nog bekend gemaakt);
- kennisclips (te vinden op Canvas);
- ander materiaal dat via Canvas wordt gepubliceerd of door de docenten wordt bekendgemaakt.

Accounting and IT Systems I

Vakcode	E_EBE3_AIT1 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. J.G.I. van den Belt RA
Examinator	drs. J.G.I. van den Belt RA
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

Knowledge:

Students are able to translate a situation from the fields of financial accounting, management accounting or tax into the book-keeping of a company. In other words: learn to think in journal entries.

Bridging theory and practice:

Students will learn the consequences in the book-keeping of decisions that are taken in the organization, but also how information from the book-keeping supports management with decision taking.

Inhoud vak

For the basic functions in an organization as well as for some advanced themes consequences in the book-keeping are taught. After the basic concepts of the system of book-keeping are discussed (or refreshed) journal entries of typical processes that exist with a service, trade and production organization are taught. Next, the representation of some general items in the books of a company is discussed, among others: reporting principles; provisions; fiscal versus commercial valuation and mergers and consolidation.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.

Interim Assignments – Individual assessment.

Literatuur

Bouwer, H.J., Emmerson, M. and M.B.J. Schauten (2013). Basics of bookkeeping, Noordhoff Uitgevers, Groningen/Houten, ISBN 978-90-01-83284-1, 1-220.

Additional reading will be announced on Canvas.

Vereiste voorkennis

Basic theory of book-keeping.

Accounting and IT Systems II

Vakcode	E_EBE3_AIT2 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. J.G.I. van den Belt RA
Examinator	drs. J.G.I. van den Belt RA
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

The goal of this course is to give insight into the acquisition and implementation of an ERP-system as well as the relationship between recording data in the primary process and journal entries in the ERP-system.

Knowledge:

Research on the factors that influence the success of acquisition and implementation of an ERP-system as well as the realization of a business case is discussed. Practical knowledge about the ERP-system SAP will be gained.

Bridging theory and practice:

Themes that were learned in Accounting and IT Systems I will be brought into practice with the application SAP.

Quantitative skills:

Realization of purchases, production and sales in a company is analyzed a.o. by comparison with planned figures and reported to management.

Inhoud vak

The theoretical part starts with some basic concepts of automation in a company followed by the acquisition, implementation, operation and management of an ERP-system from a practical as well as an academic point of view. Attention is given to the influence of an ERP-system on business and administrative processes.

In the practical part a business is set up in SAP and a purchase, production and sales process is simulated resulting in management

reports about the performance of the company.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.
Case – Individual assessment.

Literatuur

Laudon & Laudon, Management Information Systems, Managing the digital firm, Global Edition, isbn 1397812920940

D.J. Schenk, C.T. Draijer, Hands-on with SAP ERP and IDES, ISBN 9781783654529 (free download from Bookboon)

VU-Syllabus (published on Canvas)

Academic papers (published on Canvas)

Details will be announced on Canvas.

Aanbevolen voorkennis

Accounting and IT Systems I

Accounting II

Vakcode	E_BK2_ACC2 ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. M. Schoute
Examinator	dr. M. Schoute
Lesmethode(n)	Hoorcollege, Werkgroep, Responsiecollege
Niveau	200

Doel vak

Academische vaardigheden: Studenten zullen leren om financial en management accounting informatie te analyseren en beoordelen, waarbij wordt gefocust op de meest relevante inputs voor bepaalde beslissingen. Tevens zullen zij leren om argumenten die hun beslissingen onderbouwen te formuleren en naar voren te brengen, zowel in gesproken als in geschreven vorm.

Kwantitatieve vaardigheden: Studenten zullen leren om veelgebruikte ratio's voor financiële analyse te berekenen en waarderingconcepten toe te passen. Tevens zullen zij leren om veelgebruikte management accounting methoden toe te passen, welke het berekenen van beslissingsrelevante informatie vereisen.

Vakkennis: Studenten zullen leren om een veelgebruikt raamwerk voor het analyseren en waarderen van bedrijven toe te passen. Tevens zullen zij veelgebruikte methoden en technieken voor besluitvorming, planning en

control leren, alsmede hoe deze toegepast dienen te worden.

Link met de praktijk: Studenten zullen inzicht krijgen in de praktijk aan de hand van uitgewerkte cases en relevante voorbeelden.

Sociale vaardigheden: Studenten zullen case-uitwerkingen op het gebied van financial en management accounting presenteren en bediscussiëren.

Tevens zullen zij feedback aan/van teamleden over inzet en houding in het team geven en ontvangen.

Specifieke leerdoelen:

Na dit vak ben je in staat om:

- Een veelgebruikt raamwerk voor het analyseren en waarderen van bedrijven te begrijpen en toe te passen;
- De strategie van een bedrijf te beoordelen ten behoeve van analyse- en waarderingsdoelen;
- De grondslagen voor financiële verslaggeving van een bedrijf te analyseren en corrigeren voor vertekeningen;
- Een financiële analyse uit te voeren en waarderingstheorie en –concepten toe te passen;
- Een analyse ten behoeve van aandelenwaardering en kredietwaardigheids-beoordeling uit te voeren;
- Relevante kosten en informatie voor besluitvormingsdoelen te bepalen;
- Methoden voor planning en budgettaire beheersing te begrijpen en toe te passen;

Methoden die gerelateerd zijn aan management control systemen toe te passen.

Inhoud vak

Studenten zullen accounting informatie vanuit een gebruikersperspectief beoordelen. Zij zullen jaarrekeningen van bedrijven analyseren op basis van een veelgebruikt raamwerk voor het analyseren en waarderen van bedrijven. Tevens zal hun begrip van belangrijke management accounting methoden en technieken toenemen en zullen zij deze methoden en technieken toepassen.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

- Geschreven tentamen – individuele beoordeling;
- (interim) opdracht(en) – groepsbeoordeling.

Literatuur

- Bhimani, A., C.T. Horngren, S.M. Datar, and M. Rajan. 2015. Management and Cost Accounting, Sixth Edition, Pearson.

De overige literatuur wordt later bekendgemaakt.

Aanbevolen voorkennis

Accounting I

Accounting Information Systems

Vakcode	E_EBE3_ACIS ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics

Coördinator	drs. J.B.T. Bergsma RA
Examinator	drs. J.B.T. Bergsma RA
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Tijdens dit vak worden de belangrijkste bestuurlijke informatievoorziening (BIV)-concepten in het hoorcollege behandeld en aan de hand van praktijkvoorbeelden toegelicht (Vakkennis). Vervolgens moet je daar zelf in de werkcolleges mee aan de gang door cases te maken voor verschillende soorten processen. Voor de ondernemingen in deze cases moet je een informatiesysteem ontwerpen afgestemd op de risico's en informatiebehoeften (Academische vaardigheden, Onderzoeksvaardigheden). De cases zijn representatief voor situaties die je later in de praktijk als accountant of controller ook kunt tegenkomen en geven je ook een beter begrip van de oorzaken van het ontstaan van de tegenwoordige boekhoudschandalen (Link met de praktijk, Algemene ontwikkeling).

Na afloop van het vak Accounting Information Systems ben je in staat:

- om een contingentiebenadering toe te passen voor het inrichten van een beheersings- en betrouwbaarheidssysteem en bij het bepalen van de managementinformatie;
- om de belangrijkste betrouwbaarheids- en beheersingsrisico's en informatiebehoeften te bepalen voor het inkoop-, crediteuren-, opslag-, productie- personeels-, verkoop- en debiteurenproces samen met handels-, productie- en dienstverleningsbedrijven;
- te beschrijven wat de functie is van de belangrijkste modellen en concepten die bij het vakgebied bestuurlijke informatievoorzorging een rol spelen;
- voor organisaties die je in de praktijk tegenkomt de belangrijkste risico's aan te geven, de hoofdlijnen van de interne controle te beschrijven en procesbeschrijvingen te maken;
- kort aan te geven wat de gevolgen van algemeen maatschappelijke ontwikkelingen zoals corporate governance, duurzaamheid, ICT-techniek zijn voor de inrichting van de bestuurlijke informatievoorzorging.

Inhoud vak

Voor het nemen van beslissingen en het beheersen van organisaties hebben managers informatie nodig. Het vakgebied Accounting Information Systems (in het Nederlands bestuurlijke informatievoorzorging genoemd) wordt omschreven als "alle activiteiten met betrekking tot het systematisch verzamelen, vastleggen en verwerken van gegevens gericht op het verstrekken van informatie ten behoeve van het nemen van beslissingen, het doen functioneren, het beheersen en het afleggen van verantwoording". Het vakgebied Accounting Information Systems legt daarmee de basis voor allerlei informatie over kosten en opbrengsten die de controller nodig heeft om calculaties te maken, interne rapportages voor de directie te maken en de externe jaarrekening voor de aandeelhouders op te stellen.

Onderwijsvorm

Hoorcolleges
Werkcolleges.

Toetsvorm

Wordt nader bekend gemaakt.

Literatuur

Wordt nader bekend gemaakt.

Vereiste voorkennis

Geen.

Agriculture for Food and Nutrition Security

Vakcode	E_MG_AFNS ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. ir. B.G.J.S. Sonneveld
Examinator	dr. ir. B.G.J.S. Sonneveld
Lesmethode(n)	Hoorcollege, Werkgroep, Computerpracticum
Niveau	200

Doel vak

After successfully completing this course, students will:

- be familiar with main concepts of agronomy relevant for Food and Nutrition Security (FNS) analysis;
- understand the relation between locational (environmental) factors and the food production system;
- understand the relation between food production systems and FNS;
- be able to analyze these relationships with empirical data, including spatial analysis, and to interpret the results;
- be able to critically reflect and communicate on contemporaneous land use issues.

Inhoud vak

- Understanding the interlinkage between locational (environmental) factors and the food production system;
- Understanding the interlinkage between agricultural production systems and food productivity;
- Understanding the position of agriculture in total land use.

Onderwijsvorm

Lectures (7 x 2 hours), workgroups (6 x 4 hours).

Toetsvorm

Exam (60%), assignments (30%), presentation (10%)

Aanbevolen voorkennis

Basics of geography; basics of biology

Doelgroep

Bachelor students interested in Food Security

Overige informatie

In this course you will learn the basic agronomic principles underlying the interlinkages between food production and agricultural production systems on the one hand, and between agricultural production systems and

environmental resources on the other hand. Basic principles of crop and livestock production will be introduced, and you will learn how they are employed across different production systems and how they affect the interaction between production systems and the environment. Given that the nature of these linkages also vary across space and time, the course will have an explicit temporal (dynamic and historical) and spatial focus to understand long term trends and diversity in food production and environmental impacts. Also alternative agricultural production systems to the dominant systems currently in use will be discussed, such as low input farming systems, including their potential for up-scaling and sustainability. You will also be taught the basics of GIS and how spatially explicit analysis can be utilized to better understand land use patterns and production possibilities and restrictions

American Film: Cinematic Representations of the "Other"

Vakcode	L_ELBAELK208 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. R.V.J. van den Oever
Examinator	dr. R.V.J. van den Oever
Docent(en)	dr. R.V.J. van den Oever
Lesmethode(n)	Werkcollege
Niveau	200

Doel vak

Students become acquainted with the study of identity representation in American film.

Inhoud vak

What theoretical questions arise when studying the representation of identity - think of race, gender, sexuality - in American film? Per meeting, we discuss a particular theoretical issue - for instance, stereotyping, the male gaze, character engagement, identity politics, queer subtext - after which students apply this theoretical perspective to an assigned filmic text.

Onderwijsvorm

Seminar meetings, 2 x 2 hours per week.

Toetsvorm

Exam.

Literatuur

To be announced.

Vereiste voorkennis

None.

Doelgroep

This course is part of two minor packages: (1) American Studies; (2) Gender and Diversity. Students from other Bachelor's programs are welcome.

Intekenprocedure

There is a slightly different enrollment procedure for this course. The standard procedure of the Faculty of Humanities has students sign up for (i) the course, (ii) the type of class (lecture and/or preferred seminar group), and (iii) the exam. However, for this course the instructor will assign the students to the seminar groups. Therefore, students should sign up for (i) the course, (ii) the lectures (if applicable), and (iii) the exam, but not for the seminar groups.

There is limited seating in this course. Priority will be given to students of two minor packages: (1) American Studies; (2) Gender and Diversity. Students from other Bachelor's programs are initially placed on a waiting list.

Overige informatie

The level of English in this course is high.

Analysis I

Vakcode	X_400641 ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Exacte Wetenschappen
Coördinator	dr. ir. R.F. Swarttouw
Examinator	dr. ir. R.F. Swarttouw
Docent(en)	dr. ir. R.F. Swarttouw
Lesmethode(n)	Hoorcollege, Werkcollege, Deeltoets extra zaalcapaciteit
Niveau	100

Doel vak

De student wordt ingeleid in de wiskundige analyse zoals deze voor latere econometrie vakken nodig zal zijn. Hij/zij raakt bekend met rijen, functies van één veranderlijke en basisbegrippen als limiet, continuïteit, differentieerbaarheid en integreerbaarheid. Er is aandacht voor wiskundige stellingen en hoe die formeel bewezen kunnen worden. Daarnaast wordt de student een groot aantal calculus-technieken bijgebracht, waarmee wiskundige berekeningen over bovengenoemde begrippen kunnen worden gemaakt.

Inhoud vak

Gedurende de cursus wordt de wiskundige analyse stap voor stap opgebouwd. Daarbij is er naast aandacht voor de stellingen en hun bewijzen voldoende ruimte voor het aanleren van en het oefenen met allerlei calculus-technieken. Een keuze wordt gemaakt uit de onderwerpen van de eerste zes hoofdstukken van het boek van Kosmala, te weten

- Natuurlijke getallen en volledige inductie
- Rationele en reële getallen en de volledigheid van de reële getallen
- Rijen
- Continuïteit en limieten van functies
- Differentieerbaarheid en de middelwaardstelling
- Riemann-Integreerbaarheid en de hoofdstelling van de calculus

Verder worden uit een aanvullend dictaat de volgende onderwerpen behandeld:

- Complexe getallen
- Differentiaalvergelijkingen

Onderwijsvorm

Hoorcollege (2x2 uur per week) en werkcollege (1x2 uur per week)

Toetsvorm

Een deeltentamen aan het einde van periode 1.1 (telt voor 50%). Een deeltentamen aan het einde van periode 1.2 (telt voor 50%). Het eindcijfer voor de cursus wordt dus bepaald aan de hand van de cijfers van de deeltentamens. Als dit gemiddelde cijfer een onvoldoende is, kan voor het hele vak een hertentamen gemaakt worden. Deeltentamens kunnen niet apart herkanst worden.

Literatuur

A Friendly Introduction to Analysis; Single and Multivariable, second edition, Witold A. J. Kosmala, Pearson. ISBN 0130457965/978-0130457967. Aanvullend dictaat, beschikbaar gesteld via Canvas

Doelgroep

1 Econometrie

Overige informatie

Er wordt van je verwacht dat je voorbereid naar het werkcollege komt, en de opgaven al vooraf uitprobeerde hebt. Ter plekke worden slechts enkele opgaven uitgewerkt, voor de andere opgaven is er hulp beschikbaar als je er zelf niet uit komt. Via handtekeningenlijsten wordt de aanwezigheid van studenten bij het werkcollege bijgehouden.

Analysis II

Vakcode	X_400642 ()
Periode	Periode 4+5
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Exacte Wetenschappen
Coördinator	dr. ir. R.F. Swarttouw
Examinator	dr. ir. R.F. Swarttouw
Docent(en)	dr. ir. R.F. Swarttouw, dr. M.A. Estevez Fernandez
Lesmethode(n)	Hoorcollege, Werkcollege, Deeltoets extra zaalcapaciteit
Niveau	100

Doel vak

De kennis van Analysis I wordt uitgebouwd in de richting van de multivariate analyse, met speciale aandacht voor terreinen die nodig zijn binnen latere vakken in de econometrie. Hij/zij raakt bekend met rijen, reeksen en functies van meerdere variabelen en basisbegrippen als limiet, continuïteit, differentieerbaarheid en integreerbaarheid. Er is aandacht voor wiskundige stellingen en hoe die formeel bewezen kunnen worden. Daarnaast wordt de student een groot aantal calculus-technieken bijgebracht, waarmee wiskundige berekeningen over bovengenoemde begrippen kunnen worden gemaakt.

Inhoud vak

In dit vak wordt ingegaan op rijen en reeksen en de analyse van functies met meerdere variabelen. Er is naast aandacht voor de stellingen en hun bewijzen, voldoende ruimte voor het aanleren van en het oefenen met allerlei calculus-technieken. Een keuze wordt gemaakt uit de onderwerpen

- Rijen en functierijen, uniforme convergentie
- Machtreeksen en functiereeksen
- Continuïteit, limieten en elementaire topologie in de Euclidische ruimte
- Multivariabele differentiaalrekening, inclusief de Taylor formule en optimalisatie
- Meervoudige integralen, inclusief herhaald integreren en de Stelling van Fubini, verandering van variabelen, oneigenlijke integralen

Onderwijsvorm

Hoorcollege (2x2 uur per week) en werkcollege (1x2 uur per week)

Toetsvorm

Een deeltentamen aan het einde van periode 1.4 (telt voor 50%). Een deeltentamen aan het einde van periode 1.5 (telt voor 50%). Het eindcijfer voor de cursus wordt dus bepaald aan de hand van de cijfers van de deeltentamens. Als dit gemiddelde cijfer een onvoldoende is, kan voor het hele vak een hertentamen gemaakt worden. Deeltentamens kunnen niet apart herkanst worden.

Literatuur

- 1) A Friendly Introduction to Analysis; Single and Multivariable, second edition, Witold A. J. Kosmala, Pearson. ISBN 0130457965/978-0130457967.
- 2) Advanced Calculus, Avner Friedman, Dover publications, 2007, ISBN-13: 978-0-486-13786-5.

Aanbevolen voorkennis

Deze cursus bouwt verder op de kennis verworven in de cursus Analysis I.

Doelgroep

1 Econometrie

Overige informatie

Er wordt van je verwacht dat je voorbereid naar het werkcollege komt, en de opgaven al vooraf uitgeprobeerd hebt. Ter plekke worden slechts enkele opgaven uitgewerkt, voor de andere opgaven is er hulp beschikbaar als je er zelf niet uit komt. Via handtekeningenlijsten wordt de aanwezigheid van studenten bij het werkcollege bijgehouden.

Applications in Economic Policy: Policy Analysis, Formulation and Evaluation

Vakcode	E_ME_AEP ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. W. Zant
Examinator	dr. W. Zant
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

The objective of this course is to develop your capability to independently analyse a policy issue, design a policy response, or evaluate a policy intervention from an economic point of view.

Specific learning outcomes upon completion of this course are:

- you are able to identify a relevant (economic) policy issue, to motivate the urgency of the issue, and to formulate an appropriate research question;
- you are able to locate relevant economic theory in the literature and to apply it correctly in order to analyse the policy issue and to identify the economic rationale of potential or actual policy responses;
- you are able to identify, interpret and compare empirical findings from the economic literature to describe the policy issue, and/or the behavioural response of the market and government actors, and/or the impact of these responses;
- you have developed a critical attitude to the relevance and shortcomings of empirical data compared to theoretical requirements, and have become aware of limitations in insights that can be gained from theoretical reasoning alone when addressing real-life issues;
- you are able to present your findings clearly to academic expert and non-expert audiences;
- you are able to work independently, while incorporating relevant feedback into their work;
- you are able to give constructive feedback to peers.

Inhoud vak

In this intensive period course, you work in a policy area of your choice (e.g. international financial systems and banking regulation, macro policy, development and growth, environment, urban/transport, health, human capital, competition policy, industrial policy). You write an economic policy-oriented research paper focusing on policy analysis, design and/or evaluation.

Onderwijsvorm

One introductory lecture followed by weekly working groups (compulsory attendance)

Toetsvorm

Paper, presentation and working group participation

Literatuur

Various theoretical and empirical academic papers (dependent on the topic)

Vereiste voorkennis

Foundations of Microeconomics and Development of Macroeconomic Thought

Aanbevolen voorkennis

Business Cycles and Stabilization Policy and Structural Policy

Applications in Food and Nutrition Security Analysis

Vakcode	E_MG_AFNSA ()
Periode	Periode 3
Credits	6.0

Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. R. de Wildt-Liesveld MSc
Examinator	dr. R. de Wildt-Liesveld MSc
Lesmethode(n)	Hoorcollege
Niveau	300

Auditing

Vakcode	E_EBE3_AUD ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. A.H. Gold
Examinator	prof. dr. A.H. Gold
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

The goal of this introductory course to auditing is to learn about fundamental elements of (financial statement) auditing, both from a practical perspective and from a theoretical/academic point of view. With respect to the practical perspective, students will be exposed to the purpose of and economic demand for auditing, fundamental elements of conducting an audit, and the process employed by financial auditors (Knowledge; Academic skills; Bridging theory and practice). Significant attention will be devoted to ethical threats facing the auditor (Self-awareness, General development). Finally, students will analyze, discuss and interpret academic audit research output (Knowledge; Research skills; Academic skills).

More specifically, on successful completion of this course, students will be able to:

- explain the economic and societal role of financial audits;
- describe applicable regulatory and ethical requirements that guide the conduct of audits and determine when these requirements are applicable;
- describe the career path that the auditing profession offers;
- define the main concepts of auditing, such as reasonable assurance, the audit risk model, and materiality;
- identify and illustrate all the stages of the audit process;
- reflect on ethical dilemmas that the student will face in his/her future role as auditor;
- analyze and interpret auditing cases using the obtained knowledge about main auditing concepts, the audit process, and given ethical awareness;
- recall the essence of a select number of state-of-the-art research articles in auditing and critically discuss and reflect on their findings.

Inhoud vak

Auditing involves the testing and evaluation of evidence against agreed norms or criteria. The auditor has an important societal function

because financial statement users (e.g. shareholders) and other stakeholders require some level of third party assurance on the qualitative aspects of information found in the financial statements, such as information reliability and relevance. For example, shareholders require primarily assurance about the reliability of financial statements, since they use these statements for their professional decision-making. Providers of debt financing, such as banks, need to know whether the presented liquidity ratios are accurate.

The course will focus on the role of the auditor in society and what demands this role imposes on the auditor. We start by giving an introduction to the demand for auditing, relying on the theoretical economic foundations of the profession. Next, the course focuses on the audit process, starting with the planning stage of the audit, where the auditor obtains an understanding of the client and its business and designs the audit plan, while paying careful attention to the audit risk model. The next two audit stages discussed at a general level include the conduct of audit procedures. Auditors can obtain various types of audit evidence to test the assertions (claims) made by management in the financial statements. The audit process concludes with the completion stage of the audit. By examining audit evidence obtained during an audit, auditors ultimately decide which type of auditor's report to issue. We also devote significant attention throughout the course on the audit profession's need for ethical behavior and professional skepticism, as well as the auditor's role and responsibilities with respect to fraud. Throughout the course, students will be offered the opportunity of interacting with practice during audit firm visits, practice-based case studies and/or guest lectures by practitioners.

Aside from offering students a practice-based introduction to the auditing profession, students will also be exposed to the academic auditing discipline by reading a selection of academic audit research papers and discussing the importance of the findings for the auditing profession.

Onderwijsvorm

Lectures.

Tutorials.

Toetsvorm

Multiple choice quizz(es) – individual assessment.

Essay - individual assessment.

Cases - group assessment.

Written exam with multiple choice and open questions – individual assessment.

Literatuur

- 'Principles of Auditing' by Rick Hayes, Hans Gortemaker, and Philip Wallage, Pearson 3rd Edition.

- Academic papers (available on Canvas).

- Additional readings will be announced on Canvas.

Aanbevolen voorkennis

Basic understanding of Financial Accounting and Accounting Information Systems.

Behavioral Finance and Real Estate

Vakcode	E_EBE3_BFRE ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. M.J. van den Assem
Examinator	prof. dr. M.J. van den Assem
Docent(en)	prof. dr. M.J. van den Assem, dr. K.L. Wolk, dr. D. van Dolder
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

The aims of the course are to understand:

- how people are subject to distortions or biases in their beliefs and have preferences that are not understood in a normatively acceptable framework;
- how behavioral biases affect the decisions of participants in real estate markets;
- how the bounded rationality of market participants can explain the dynamics of real estate markets.

Inhoud vak

This course provides a behavioral perspective on real estate decision making and markets. In particular, students learn how behavioral biases affect the decisions of participants in real estate markets, and how the bounded rationality of market participants can explain real estate market dynamics. The course starts with a general introduction into the psychology of decision making. The second part provides a psychological perspective on property valuations, negotiation outcomes, and mortgage choices. The last part of the course considers the efficiency and dynamics of real estate markets, with a special focus on bubbles and crashes.

Onderwijsvorm

Lectures (2 times 3 hours per week)

Toetsvorm

Written exam (80%) and assignment (20%)

Literatuur

- Bazerman & Moore, Judgment in Managerial Decision Making, Wiley, most recent edition.
- Selected articles (to be announced).

Doelgroep

This course is part of the Minor Real Estate Economics and Finance.

Behavioral Game Theory

Vakcode	E_HP2_BGT (60322180)
Periode	Periode 2
Credits	6.0
Voertaal	Engels

Faculteit	School of Business and Economics
Coördinator	dr. H.E.D. Houba
Examinator	dr. H.E.D. Houba
Docent(en)	dr. H.E.D. Houba
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

To get acquainted with behavioral game theory: what is it, what does it want to accomplish, and can it deliver with respect to the aims it has set. This includes explaining why observed behavior in experiments systematically deviates from predictions made by classical Game Theory. Through performing classroom experiments students will get a more intense experience of what it means to participate in a game setting, to better interpret and understand experimental design and develop a critical attitude towards empirical evidence from experiments.

Inhoud vak

Everywhere people, firms and institutions interact with each other in many different settings. For instance, negotiations for a contract or treaty, individuals or firms contributing to a joint partnership, managers motivating employees. Firms competing on the market, including web-shops, procurement auctions in B2B for contractors, and art-lovers competing at Christies. In all cases, the final outcome for each participant also depends upon the behaviour of others. Each participant has to deal with the strategic uncertainty about how the others will behave. Game theory deals with such strategic uncertainty.

For these reasons, game theory has become an influential toolbox in all branches of Economics, Finance, Management Science and other Social Sciences.

It sometimes serves a normative role for policy advice (central banks should be independent), and at other times a descriptive role (keeping right when driving is stable and explains reality). There is also substantial evidence from experiments and reality that Game theory (and Economic Theory in general) sometimes makes lousy predictions. This course offers an inquiry for understanding the discrepancy between theory and reality. Also, theoretical developments to resolve this discrepancy need investigation.

The inquiry starts with laying bare the foundations of Game Theory: What are the driving principles and can these principles be tested in practice?

What empirical evidence has behavioral economics produced, in particular for game theoretic experiments. This evidence will be investigated to establish the discrepancy between theory and reality. Finally, theoretical attempts to restore the descriptive power of Game Theory are discussed.

Onderwijsvorm

Because of the small group size (less than 15 students), the format differs from regular bachelor courses. The course consists of a mixture

of classroom experiments, lectures in which participants and lecturer interact, presentations, discussions, reading scientific literature.

Toetsvorm

Presentation and a final individual assignment that includes conducting experiments and writing an essay.

Literatuur

Selected scientific articles that are disclosed through Canvas.

Vereiste voorkennis

None, except some elementary knowledge of economics and statistics.

Aanbevolen voorkennis

None

Doelgroep

Honours students from SBE, other honours students

Uitleg in Blackboard/Canvas

Canvas

Intekenprocedure

SBE rules and dates apply for this SBE HP course. Registration for this SBE HP course is via VUnet.

Behaviour Genetics

Vakcode	P_BBEHGEN ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. C.V. Dolan
Examinator	dr. C.V. Dolan
Docent(en)	dr. C.V. Dolan
Lesmethode(n)	Hoorcollege, Practicum
Niveau	300

Doel vak

The aim of this course is to introduce students to behavior genetics as applied to psychological variables. The students will learn what questions behavior genetics addresses, and how these questions are answered using the classical twin design, and some extensions of this design. The course includes practicals in which you will analyze real and simulated twin data using the R library OpenMx.

Inhoud vak

This course will include explanation of the following:

1) The biometric model, underlying the twin and family designs which are used to infer the role of genetic and environmental effects from family

resemblance).

2) Univariate and multivariate modeling of twin data using OpenMx (an R library) in the programming environment R

3) The meaning of gene-environment interplay (genotype X environment interaction, and genotype -environment correlation) and to model these in the classical twin design.

4) Detailed discussions of applied papers and papers concerns the statistical background of the twin design.

Onderwijsvorm

Lectures and computer practicals

Toetsvorm

A exam consisting of open and multiple choice questions and take-home computer assignments which are based directly on the computer practicals.

Literatuur

Articles + book chapters

Vereiste voorkennis

Please note: this course includes a statistical component.

You are expected to have a basic practical understand of correlation, linear regression and basic descriptive statistics, such as means, variance, standard deviation.

Some experience in the use of statistical programs like SPSS is useful.

Knowledge of R is an advantage.

However, the practicals include explanation of R (using the R studio interface).

Biologische Psychologie (UM)

Vakcode	P_UBIOPSY ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. D. van t Ent
Examinator	dr. D. van t Ent
Docent(en)	dr. D. van t Ent
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Inzicht verwerven in de structuur en functie van het zenuwstelsel en de rol van het zenuwstelsel in (ab)normaal gedrag.

Inhoud vak

Begrippen uit de biologie aansluitend bij de processen die men in de psychologie bestudeert. Aan de orde komen structuur en organisatie van het centrale en perifere zenuwstelsel, neurotransmissie, psychofarmaca en de biologische mechanismen achter waarnemen, motoriek, emoties en de hogere cognitieve functies (geheugen, spraak, bewustzijn). Tijdens de colleges wordt tevens ingegaan op neurologische stoornissen (Parkinson, Broca's afasie, Alzheimer etc.) en de biologie van gedragstoornissen

(slaapstoornissen, psychosen, angstigheid, depressie, verslaving).

Onderwijsvorm

Hoorcollege

Toetsvorm

Tentamen

Literatuur

Speciale VU editie, alleen te koop in de VU boekhandel:

Title: Biological Psychology

Compiled by: Dr. Dennis van 't Ent

School name: VU university, faculty of psychology and education

ISBN: 9781783991648

Brain in Trouble

Vakcode	AB_1038 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. H.K.E. Vervaeke
Examinator	dr. H.K.E. Vervaeke
Docent(en)	prof. dr. S. Spijker, prof. dr. T.J. de Vries, dr. H.K.E. Vervaeke
Lesmethode(n)	Hoorcollege, Werkgroep, Computerpracticum
Niveau	300

Doel vak

The goal of this course is to deepen understanding of the etiology, expression and treatment of (psychiatric) brain disorders, as well as models used in preclinical science. Students will be encouraged to critically analyze the impact of brain disorders on society.

Learning outcomes:

The student is able to explain the contribution of genetic and environmental factors to complex multifactorial diseases such as mental disorders.

The student is able to elaborate on various treatment options for psychiatric disorders.

The student is able to critically reflect on the boundaries between normal (healthy) and abnormal (ill) behavior and the implications for society.

Inhoud vak

The focus of this course is on the etiology of mental disorders, such as addiction, ADHD, obsessive-compulsive disorder, eating disorders and mood disorders, with special attention for the nature-nurture discussion. Various treatments options for these conditions, including the use of pharmacological agents, behavioral therapy and deep brain stimulation will be discussed. Students will be challenged to critically

reflect on the boundaries between normality and abnormality and the implications for society.

First Theme: addiction and impulsivity

What is addiction? Is addiction truly a brain disorder? Do genes play a role in addiction? How does society view illicit drug use and addiction? Are all drugs equally harmful? How to treat addiction? Is ADHD a real mental disorder, or a cultural construct used to bring deviant or socially undesirable behavior under medical surveillance and control? Is it a good idea to treat children who have been diagnosed ADHD, with psychostimulant medications? What is the role of pharmaceutical companies? Do sugar and food additives elicit hyperactive behavior? Are there any advantages in having ADHD?

Second Theme: obsessive compulsive disorders, eating disorders and cognitive enhancement

Can you treat OCD with Deep Brain Stimulation? Is our Western beauty ideal at the root of eating disorders? Is the individual to blame for being obese? Is it ethical to improve your mental performance by cognitive enhancers?

Third Theme: mood disorders & social behaviours

Is depression a real brain disorder or an inability of our culture to accept sadness as an integral part of life? Do genes play a role in the etiology of major depressive disorder and bipolar disorder? What is the efficacy of pharmacotherapy and behavioral therapy? What is the role of pharmaceutical companies?

Is there a neural basis to antisocial behavior? If biology and circumstance conspire to prime certain individuals toward violence, how much responsibility do people really bear for their actions? Are violent delinquents worth treating? Should brain imaging / genetic profiling be used in legal cases? Can neuroscience assist in determining responsibility? If neural circuitry underlying morality is compromised, is it morally wrong to punish prisoners?

Onderwijsvorm

Lectures (30 hours), computer practical (2 hours), homework assignments (6 hours), class discussions (2 hours)

Course coordinators are Hylke Vervaeke and Taco de Vries

Toetsvorm

Written exam (combination of MC-questions and open-end questions) (75%) and class discussions/assignments (25%), each at least grade 5.5.

Literatuur

"Foundations Of Behavioral Neuroscience" by N.R. Carlson (Pearson Education (US)), 8th edition.

Extra literature on Canvas

Aanbevolen voorkennis

The courses 'Cognitive Neuroscience' and 'Nature vs. Nurture' from the minor 'Brain & Mind'

Doelgroep

Part of minor Brain and Mind

Open to students from all educational backgrounds (e.g., exact, social, life and economic sciences) with an interest in the brain and mind.

Intekenprocedure

Groups for Class Discussions and Home-work Assignments via Canvas

Overige informatie

Central Academic Skill: Debating and discussing

Bubbles and Crashes

Vakcode	E_HP1_BC ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. A.H. Siegmann
Examinator	dr. A.H. Siegmann
Docent(en)	dr. A.H. Siegmann
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

The goal of the course is to introduce you to the economic thinking on the causes of stock market bubbles and crashes. Two additional goals are the development of your discussion skills and writing in English.

Inhoud vak

The financial crisis that started in 2007/2008 led to the most serious economic and financial crisis since the 1930s. However, many of the elements of the current crisis are not new. In fact, there is a whole body of literature studying bubbles and crashes. In this course, we will learn about historical bubbles, crises and their causes, and the economic models that offer an explanation for these phenomena. The models include behavioral finance explanations as well as classical theories on the behavior of lenders, borrowers, investors and political institutions.

Onderwijsvorm

The course is structured as a series of discussion sessions, for which students prepare discussion questions on selected academic papers. The role of chair is rotated among students. Three assignments deal with (i) identifying stock market crashes, (ii) predicting crashes, and (iii) setting up and evaluating an investment strategy that exploits bubble and crash patterns over time.

Toetsvorm

The course grade consists for 50% of preparation and in-class participation and for 50% of the assignments.

Literatuur

A reader is provided by the lecturer at a cost of €10.

Doelgroep

The intended audience is second and third-year students of Economics and Business Economics, (International) Business Administration and Econometrics.

Intekenprocedure

SBE rules and dates apply for this SBE HP course. Registration via VUnet.

Business Cycles and Stabilization Policy

Vakcode	E_ME_BCSP ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M. Mastrogiacomo
Examinator	dr. M. Mastrogiacomo
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

The objective of the course is to introduce you to the theory and practice of macroeconomic and monetary policy, including regulation of the financial system. This course is complementary to the parallel course of Structural Policy. It is highly recommended to take both courses.

Specific learning outcomes upon completion of this course are:

- Ability to apply macroeconomic concepts and theories to analyze problems of employment and inflation;
- Capability to analyze the role macroeconomic policymakers in managing business cycles;
- An understanding of the policy problems facing central banks;
- Ability to interpret recent macroeconomic empirical work on economic crises and the effects of fiscal and monetary policy.

Inhoud vak

The course starts with discussing the historical development of macroeconomic theories explaining the origin of business cycles:

- Say's law versus Malthus' gluts;
- The Great Depression and the Keynesian revolution: Keynes, Hicks, Modigliani, Samuelson;
- Business cycle theory: Schumpeter, Austrians, Kuznets;
- Recent financial crises.

Next, the course continues with discussing the roles of different authorities in conducting macroeconomic policies. This part of the course includes the following topics:

- Money: creation, control of the money supply, interest rates, bank reserves, securitization;
- Central banking: Fed, ECB, independence, different targets;
- Stabilizing role of Fiscal policy: automatic stabilizers, crowding out, budget deficits, effectiveness;

- Stabilizing role of Monetary policy: Taylor rules, quantitative easing, liquidity trap, effectiveness;
- The Debt-Driven Crisis: the Micro-explanation to the Great Recession.

The course concludes with discussing recent empirical work on economic crises and the effects of fiscal and monetary policy.

This course is the sequel to the course Development of Macroeconomic Thought and is suggested to be taken together with the course of Structural Policy that runs in parallel.

Onderwijsvorm

Lectures, guest lectures and working groups

Toetsvorm

Grade is average of problem sets (30 %) and written examination (70%), with written exam grade of at least 5.0. To those who participate into less than four compulsory tutorials and/or do not deliver their tutorial work, one point will be subtracted from the final grade.

Literatuur

Acemoglu, Daron, David Laibson and John A. List, 2016, Economics, Harlow, Essex, Pearson Education Ltd. ISBN 13: 978-1-292-07920-2, incl. access code MYECONLAB.

Vereiste voorkennis

Basic knowledge of math and statistics, as provided in the academic core of any academic program at the Vrije Universiteit Amsterdam or equivalent.

Aanbevolen voorkennis

Development of Macroeconomic Thought

Business Information Technology

Vakcode	E_BK2_BUSIT ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. M.G.A. Plomp
Examinator	dr. M.G.A. Plomp
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden: In dit vak leren we je zelfstandig problemen in organisaties rondom datastructuren, informatie en IS-strategie te analyseren, kennis uit wetenschappelijke publicaties toe te passen op praktische IS-gerelateerde problemen, en een overtuigende argumentatie te ontwikkelen en over te brengen in een business case-advies.

Vakkennis: Je verkrijgt een gedegen basiskennis over alle onderwerpen rondom informatiesystemen, informatietechnologie en digitale innovatie

die van belang zijn in organisaties.

Link met de praktijk: Je leert theoretische kennis toe te passen in een specifieke praktijksituatie. Daarnaast maak je kennis met de verschillende mogelijkheden die het werkveld te bieden heeft.

Sociale vaardigheden: Je leert om samen te werken in teams; om je werk te presenteren en daarover te discussiëren, en om feedback te geven op het werk van anderen.

Specifieke leerdoelen:

Na dit vak ben je in staat om:

- De huidige ontwikkelingen omtrent digitale innovatie en de informatiemaatschappij te begrijpen.
- De rol van IS in organisaties die opereren in een veranderende digitale wereld te beschrijven.
- Uit te leggen wat een IS is, met betrekking tot data, technologie, mensen en organisationele componenten.
- De rol tussen bedrijfsstrategie, informatiestrategie en de verschillende typen IS te begrijpen.
- Het belang van alignment tussen organisatie en IS uit te leggen.
- Te beschrijven hoe een organisatiestructuur, -cultuur en -processen elkaar beïnvloeden.
- De belangrijkste componenten van een IS-infrastructuur te beschrijven in termen van hardware, software en netwerken.
- Recente technologische ontwikkelingen rondom big data, social media, mobiele technologie, cloud computing en consumerization van IT uit te leggen, en hun implicaties op organisaties te begrijpen.
- De belangrijkste typen enterprisystemen te beschrijven en uit te leggen hoe organisaties deze gebruiken om hun bedrijfsprocessen te ondersteunen.
- Organisaties te adviseren bij het implementeren van een enterprisestelsel.
- Verschillende methodes te beschrijven die organisaties gebruiken bij het ontwikkelen of aankopen van een IS.
- De verschillende bedreigingen voor IS-security en beveiligingsmaatregelen hiertegen te beschrijven.
- Data en activiteiten te modeleren.
- De basics van programmeren en databases te begrijpen en toe te passen.

Inhoud vak

Business Information Technology (BIT) is een inleidend vak over de rol van informatiesystemen (IS) in organisaties. IS zijn prominent aanwezig in organisaties en informatie is van cruciaal belang voor het voortbestaan ervan. BIT focust op hoe IS kunnen helpen bij het managen van informatie en hoe organisaties baat kunnen hebben bij deze IS. In dit vak behandelen we verschillende onderwerpen, vertrekkend vanuit digitale innovatie. Sommige hebben meer een management-focus, zoals IS-strategie, -structuur en -cultuur; andere meer een technische focus, zoals de beginselen van programmeren en databases, recente technologische ontwikkelingen en security.

Onderwijsvorm

Hoorcolleges
Werkcolleges

Toetsvorm

Tentamen - individueel
(Tussentijdse) opdrachten - groepswerk

Literatuur

Boek en selectie van artikelen

Business Intelligence and Analytics

Vakcode	E_MM_BIA ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. J.F.M. Feldberg
Examinator	prof. dr. J.F.M. Feldberg
Lesmethode(n)	Hoorcollege, Werkcollege, Responsiecollege

Doel vak

Being able to define, describe and recall the basic concepts, principles and theories underlying business intelligence & analytics solutions (decision support systems). Also, to classify and compare business intelligence & analytics solutions as well as the constituent components of business intelligence & analytics solutions (Academic Skills).

Become proficient at exploring data-driven business models and to apply business intelligence & analytics concepts, principles and theories to business problems (Quantitative Skills).

Learn to explore, analyze and determine how big data can drive business model innovation as well as to analyze business cases, and propose business intelligence & analytics solutions and decide which data to use given a business problem to be solved (Knowledge).

Adeptly evaluating and discussing the organizational and social implications of business intelligence & analytics solutions and to create insights using established business intelligence & analytics tools (Bridging Theory & Practice).

Inhoud vak

Data is hot! How organizations deal with the overabundance of data and the ability to transform data into insights have become critical success factors for every organization. Key words in this context are 'big data', 'data science', and 'data-driven decision making and innovation'. This course offers the handles that are needed to fully deploy the potential of data, and business intelligence & analytics solutions in order to create competitive advantage. The course primarily has a managerial focus, technology will be used primarily to create hands on experience with relevant BI&A technologies and as such enhance insights in their features and characteristics. There is a lot of business involvement in this course: experts from industry and BI&A consultants will share their insights and experience in the weekly workshops.

Onderwijsvorm

Lectures
Tutorials

Workshops

Toetsvorm

Assessment Written exam – Individual assessment
Interim Assignment(s) / Tests:
Analytics practicum tests – Individual assessment

Literatuur

This course is article based.
Readings will be announced in the course manual.

Aanbevolen voorkennis

Recommended knowledge Elementary course on (Management) Information Systems (for example: Laudon, K.C. & Laudon, J.P. (2016). Essentials of MIS (12 th edition).
Basic knowledge on statistics and Microsoft Excel.

BK: 2.1 Business Information Technology

IBA: 2.1 Business Information Systems

Business Intelligence and Analytics

Vakcode	E_IBK3_BIA ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	M. Shafeie Zargar
Examinator	M. Shafeie Zargar
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege, Responsiecollege
Niveau	300

Doel vak

Being able to define, describe and recall the basic concepts, principles and theories underlying business intelligence & analytics solutions (decision support systems). Also, to classify and compare business intelligence & analytics solutions as well as the constituent components of business intelligence & analytics solutions (Academic Skills).

Become proficient at exploring data-driven business models and to apply business intelligence & analytics concepts, principles and theories to business problems (Quantitative Skills).

Learn to explore, analyze and determine how big data can drive business model innovation as well as to analyze business cases, and propose business intelligence & analytics solutions and decide which data to use given a business problem to be solved (Knowledge).

Adeptly evaluating and discussing the organizational and social implications of business intelligence & analytics solutions and to create insights using established business intelligence & analytics tools (Bridging Theory & Practice).

Inhoud vak

Data is hot! How organizations deal with the overabundance of data and the ability to transform data into insights have become critical success factors for every organization. Key words in this context are 'big data', 'data science', and 'data-driven decision making and innovation'. This course offers the handles that are needed to fully deploy the potential of data, and business intelligence & analytics solutions in order to create competitive advantage. The course primarily has a managerial focus, technology will be used primarily to create hands on experience with relevant BI&A technologies and as such enhance insights in their features and characteristics. There is a lot of business involvement in this course: experts from industry and BI&A consultants will share their insights and experience in the weekly workshops.

Onderwijsvorm

Lectures
Tutorial classes & workshops

Toetsvorm

Written exam – Individual assessment
Analytics practicum tests – Individual assessment

Literatuur

This course is article based. Readings are specified in the course manual.

Aanbevolen voorkennis

Recommended knowledge Elementary course on (Management) Information Systems (for example: Laudon, K.C. & Laudon, J.P. (2016). Essentials of MIS (12th edition).
Basic knowledge on statistics and Microsoft Excel.

BK: 2.1 Business Information Technology

IBA: 2.1 Business Information Systems

Business Law

Vakcode	E_BK2_BUSL ()
Periode	Periode 3
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	mr. N.A. Jansen MBA
Examinator	mr. N.A. Jansen MBA
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

De Business law module is gericht op de kennis en vaardigheden die (toekomstige) managers en ondernemers nodig hebben om de mogelijkheden en beperkingen van regelgeving te integreren in strategische en operationele bedrijfsprocessen en beslissingen. De module kenmerkt zich door een functionele benadering van het recht waarmee de student leert het recht, in brede zin, te beschouwen als een bron van strategische input, waardecreatie en waardebescherming, en reputatie- en

risicomanagement.

Teneinde de student voor te bereiden op het functioneren in internationale bedrijven en het effectief communiceren met niet-Nederlandstalige collegae, afnemers, en juristen is gekozen voor Engelstalige literatuur en de presentatie van juridische concepten vanuit het perspectief van de drie belangrijkste 'legal traditions' zijnde 'common law', 'civil law' en 'islamic law'.

De module richt zich specifiek op de volgende leerdoelen en vaardigheden:

Academische vaardigheden - toepassen rechtsregels op casusposities.

Onderzoeksvaardigheden - informatie voor managementbeslissingen.

Vakkennis - juridische concepten toepassen

Link met de praktijk- relevantie van het recht voor ondernemingen, ondernemers en managers.

Inhoud vak

De business law module is gericht op de kennis en vaardigheden die (toekomstige) ondernemers en managers nodig hebben om de mogelijkheden en beperkingen van regelgeving te integreren in strategische en operationele bedrijfsprocessen en beslissingen.

Onderwijsvorm

Hoor- en werkcolleges

Toetsvorm

Schriftelijk tentamen met open vragen.

Schriftelijke opdrachten voor werkcolleges (open en multiple choice vragen).

Literatuur

Law & Self-regulation. Legal and Business Perspectives (2016), N.A. Jansen. ISBN 9 789053 832028.

Slides van hoor- en gastcolleges en aanvullende literatuur op Canvas.

Wet- en verdragsteksten voor de tutorial opdrachten zijn digitaal beschikbaar op Canvas.

Opgaven van de werkcolleges.

Vereiste voorkennis

Niet van toepassing

Aanbevolen voorkennis

Kennis van de fundamentele concepten van de functionele gebieden: accounting, financiering, marketing, strategie, human resources management en organisatiekunde

Doelgroep

Studenten

Intekenprocedure

Intekenen voor werkgroepen en tijden

Business Mathematics

Vakcode	E_BK1_BUSM ()
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Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. R. Heijungs
Examinator	dr. R. Heijungs
Docent(en)	T.N. Bosman MSc
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Dit vak is de eerste in de lijn van de academic core, waarin je vertrouwd raakt met de wiskundige denk- en werkwijze (Kwantitatieve vaardigheden; Vakkennis). In dit vak maak je kennis met een aantal belangrijke wiskundige en statistische onderwerpen en een aantal elementaire kwantitatieve technieken met betrekking tot economie en bedrijfseconomie. Deze technieken zijn niet alleen van belang in een academische context, maar ze helpen tevens bij het analytisch oplossen van bedrijfskundige vraagstukken (Onderzoeksvaardigheden). Je leert niet alleen die technieken, maar ook de kunst van het abstraheren van een probleem in de echte wereld tot een wiskundig probleem, en weer terug van een wiskundig antwoord tot een antwoord dat relevant is voor de echte wereld (Academische vaardigheden).

Na succesvolle afronding van deze cursus kun je:

- goed omgaan met wiskundige notatie (passief en actief);
- gebruik maken van de sommatie-operator en de product-operator;
- beschrijvende statistieken (gemiddelde, variantie, covariantie, correlatiecoëfficiënt) uitrekenen en interpreteren;
- functies van één of meer variabelen differentiëren;
- impliciete functies visualiseren met niveaukrommes en differentiëren;
- eenvoudige functies integreren;
- vaststellen wanneer je een afgeleide of integraal nodig hebt;
- vanuit een functie elasticiteiten berekenen;
- extreme waarden van functies van één of twee variabelen vinden;
- extreme waarden van functies van twee variabelen met een nevenvoorwaarde vinden door de Lagrange-methode te gebruiken;
- gebruik maken van vectoren en matrices;
- operaties op vectoren en matrices (transpositie, inproduct) gebruiken;
- de inverse van een matrix gebruiken en berekenen;
- stelsels lineaire vergelijkingen opstellen en oplossen;
- de kleinste-kwadratenmethode voor het lineair 'fitten' van een curve gebruiken;
- een vraagstuk formuleren als lineair programmeringsprobleem;
- de formule-editor van Microsoft Word gebruiken;
- Microsoft Excel, inclusief de Solver add-in, gebruiken om diverse wiskundige vraagstukken te modelleren.

Inhoud vak

Wiskunde is een uitdagend en uiterst relevant onderwerp voor een student bedrijfskunde. Zaken doen vereist een visie, maar daarvoor moet je wel de feiten kennen, en de getallen paraat hebben. Je kunt geen business plan maken zonder gebruik te maken van wiskunde, en wiskunde is ook onontbeerlijk bij planning, voorraadbeheer en logistiek. In de bedrijfskundige literatuur zien we veel wiskundige modellen, bijvoorbeeld voor het roosteren, voor financiering, en voor

investeringen. Het gebruik van dergelijke modellen vereist een goed begrip van elementaire wiskundige principes zoals de multi-variabele-calculus, optimalisatie en verwachting. Verder is handigheid in de omgang met spreadsheets nodig, evenals het kunnen typen van correcte en goed leesbare formules. Deze cursus schenkt daarom ook aandacht aan dergelijke vaardigheden.

Tenslotte, wiskunde is meer dan berekeningen en getallen, het is een taal. Het is van belang dat je deze taal beheerst als je een analytische denkwijze wilt ontwikkelen, wat van belang is voor een academicus maar ook voor een succesvolle manager. Het biedt de eerste stap op weg naar een begrip van de kwantitatieve en wiskundige aanpak van analytisch complexe vraagstukken die je als bedrijfskundestudent zult tegen komen.

Onderwijsvorm

Hoorcolleges
Instructiecolleges
Werkcolleges

Toetsvorm

Tentamen met open vragen - individuele beoordeling
Tussentoetsen - individuele beoordeling
Actieve deelname aan instructiecolleges en werkgroepen - individuele beoordeling

Literatuur

Sydsæter, Knut, Peter Hammond, and Arne Strøm (2016), Essential Mathematics for Economic Analysis, fifth Edition, Pearson Education

Aanvullende documenten via Canvas

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Actieve beheersing van Wiskunde A of B of VWO-niveau. Het kan zinvol zijn de kennis en vaardigheid vooraf bij te spijkeren. Daartoe biedt de VU een online summer school aan (zie <http://www.feweb-mathematicscourse.nl/>).

Verder biedt het Basisboek Wiskunde van Jan van de Craats en Rob Bosch (zie <https://staff.fnwi.uva.nl/j.vandecraats/BasisboekWiskunde2HP.pdf>) en dan met name de hoofdstukken 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 16, 18, 20 een goede voorbereiding. Een alternatief is het boek Wiswijs van Fred Pach en Hans Wisbrun.

Intekenprocedure

Voor dit vak geldt een afwijkende intekenprocedure. Je moet je zelf via VUnet intekenen voor het vak en het tentamen, maar niet voor de werkgroep en het hoorcollege. Je wordt door de School ingetekend in de werkgroep en het hoorcollege.

Overige informatie

Het behalen van dit vak is verplicht voor een positief BSA aan het einde van je eerste jaar.

Bij dit vak worden de programma's Word (inclusief de formule-editor) en Excel (inclusief de Solver add-in) gebruikt. Deze programma's zijn beschikbaar op de computers op de VU-campus. Desgewenst kan men via

<http://www.surfspot.nl/> een goedkope versie voor thuisgebruik aanschaffen. Bij de tussentoetsen worden de Engelstalige versies voor Windows gebruikt.

Business Model Assessment

Vakcode	E_MB_BMA ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. L. Lu
Examinator	dr. L. Lu
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

A basic understanding about corporate finance is required to assess the efficiency and efficacy of a company's business model. Would it be possible for companies like Google, Microsoft and Uber to develop (new) strategies and business models without insight in the present and future financial viability of the company? Corporate finance pertains to the sources of funding, the capital structure of corporations, and the actions that managers take to increase the value of the firm, as well as the tools and analysis used to allocate financial resources. The course Business Model Assessment provides an introduction in corporate finance for students in the program. This course has three main learning objectives:

1. Gain knowledge of basic concepts and theories pertaining to firm behaviors in the area of corporate finance in order to assess the business (Knowledge)
2. Provide standard answers to hypothetical cases, e.g. through solving exercises from the textbook (Quantitative skills)
3. Apply obtained knowledge in corporate finance to real life cases, e.g. interpret financial information, formulate them into standard framework, and provide comments and remarks for corporate decision makers (Bridge theory and practice)

After participating in this course, you should:

- Understand corporate finance concepts, including their strengths and limitations in explaining the realities
- Understand unique features of these concepts and their interrelationship, and the relevant corporate finance theories for firm behaviors
- Have quantitative skills to apply these concepts, e.g. solve exercises in the textbook
- Be able to choose between various concepts and apply them in real life cases, e.g. provide advice and remarks for corporate decision makers

Inhoud vak

The course will start with an introduction of business assessment approaches and basic concepts. We will start with an introduction to corporations, and proceed with financial statement analysis, financial decision making, investment decision rules, capital budgeting, and raising equity capital, etc. The focus is on applying concepts and theories to real-life situations during lectures, and providing students

with feedback on their exercises and cases in the tutorials. We will explain the basic concepts and theories in the lectures, and apply to relevant exercises and cases in the tutorials. Students need to solve two cases in groups of 4 or 5 members, and present their reports in the tutorials.

Onderwijsvorm

lectures and tutorials

Toetsvorm

Individual and group assessment

Literatuur

The case materials and exercises will be posted on Canvas

Business Model Innovation

Vakcode	E_MB_BMI ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Du
Examinator	dr. J. Du
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

The past few years have witnessed the emergence and success of several pioneering new types of companies, such as Uber, Airbnb, facebook, Tesla, and Amazon. While many long-established, resource-abundant and technologically-advanced firms gradually lose profit margins in their traditional markets, these new types of companies have achieved extraordinary performance. The main objective of the course 'Business Model Innovation' (BMI) is to prepare students with fundamental knowledge about business models and business model innovation. This course is built on the combination of different streams of literature/theories on business strategy, innovation management, and entrepreneurship. Students are expected to be able to understand and apply the related theories and frameworks and to write a business plan. Being part of the whole Minor, this course also prepares students for the following courses "Business Model Assessment", in which they will learn how to assess their business models, and "Business Professionals", in which particular interests and skills in a specific field are developed and deepened.

In particular, after following the course students:

- Are able to critically reflect on business model innovation theories and tools
- Are able to apply theoretical perspectives from the different streams of literature to explain the observed business model innovation and their effects on corporate strategies and performance
- Are able to develop team skills, creative skills, develop cases, and communicate a business plan

Inhoud vak

The course will start with an introduction of business models and corporate innovation strategies. It will then focus on two main paths: Business model innovation based on internal resources and capabilities, as well as business model innovation leveraging external opportunities. A wide range of topics such as business idea generation, business opportunity identification, start-up firms creation, as well as corporate venturing will be discussed in each lecture, respectively. During the lecture, the first part is related to the theories and process of business model innovation. The second part is concerned with the application of tools and models necessary to write a business plan for the business ideas of student groups.

Onderwijsvorm

Lectures and seminars. During the lectures, the different streams of literature will be explained and illustrated with real-life examples. Throughout the seminars, the theory is applied to student business plans and case analysis. Students will have the opportunity to learn from and interact with leading business practitioners, discuss their progress through peer-review and with the support of experienced business developers.

Toetsvorm

Business plan (group), and essay (individual)

Literatuur

- Afuah, Allan. Business Model Innovation: Concepts, Analysis, and Cases. Routledge, 2014.
- Selection of academic papers and news articles

Vereiste voorkennis

None

Business Processes

Vakcode	E_BK1_BP ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. S.L.J.M. de Leeuw
Examinator	prof. dr. ir. S.L.J.M. de Leeuw
Docent(en)	prof. dr. ir. S.L.J.M. de Leeuw
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Doelstellingen van het vak business processes zijn:

Academische vaardigheden: leren beschrijven en analyseren van een primair bedrijfsproces (analyse), alsmede structureren van aanbevelingen voor verbetering van een primair bedrijfsproces (abstractie).

Onderzoeksvaardigheden: vertalen van kennis over proces analyse naar de praktijk van een opdracht en het begrijpen van samenhang en multidisciplinair karakter van het optimaliseren van bedrijfsprocessen

Kwantitatieve vaardigheden: gebruik maken van kwantitatieve methoden om een bedrijfsproces te analyseren en verbeteringen voor te stellen

Vakkennis: verbanden leggen tussen theorieën over bedrijfsprocesanalyse en –herontwerp alsmede kennis van proces prestatie-analyse, kritische pad methode, meten en beheersen van variabiliteit en van kwaliteitsbeheer

Link met de praktijk: toepassen van theoretische kennis over analyse en herontwerp van bedrijfsprocessen in een een gestyleerde course case en een door studenten zelf geselecteerde real-life case

Sociale vaardigheden: Teamresultaten presenteren (tussentijdse bevindingen) voor werkcollegegroep en het verwerven van een klant voor een korte praktijkopdracht

Algemene ontwikkeling: rapport schrijven en korte presentatie maken in het Nederlands

Zelfbewustzijn: geven en ontvangen van feedback aan/van teamleden over gedrag en houding in groepsverband (groepsopdrachten)

Daarnaast is een algemeen doel van dit vak om duidelijk te maken waarom een stevige basis van de kerndisciplines van bedrijfskunde vereist is om het maximale potentieel uit een bedrijf(sproces) of organisatie te halen.

Inhoud vak

Bij het aanschaffen van een product of een dienst heeft een klant nooit alleen te maken met een afdeling verkoop. Het proces van aankoop tot levering aan een klant raakt een verscheidenheid aan afdelingen. Een bedrijf bestaat uit veel van dit soort processen, niet alleen verkoop maar ook bijvoorbeeld het aannemen van mensen of de betaling van facturen. In het vak business processes leer je hoe je deze bedrijfsprocessen analyseert en op een gestructureerde wijze herontwerpt.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Tussentijdse opdrachten – individuele en/of groepsbeoordeling;
Schriftelijk tentamen – individuele beoordeling;
Verplichte aanwezigheid werkcolleges.

Literatuur

Slack et al. (2015). Operations and Process Management – Principles and Practice for Strategic Impact. Fourth edition. Pearson. ISBN (print) 978-1-292-01784-6. (of recentere editie)

Eventueel aangevuld met bijkomende hoofdstukken en tijdschriftartikelen
Additioneel materiaal voor de hoorcolleges en werkcolleges zal via Canvas ter beschikking worden gesteld.

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Geen

Intekenprocedure

Voor dit vak geldt een afwijkende intekenprocedure. Je moet je zelf via VUnet intekenen voor het vak en het tentamen, maar niet voor de werkgroep en het hoorcollege. Je wordt door de School ingetekend in de werkgroep en het hoorcollege.

Business Professionals

Vakcode	E_MB_BPROF ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. A.C. Guldemond
Examinator	drs. A.C. Guldemond
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	300

Doel vak

In the course Business Professionals, the focus is on the human element in the business modeling paradigm. The overall objective is gain knowledge about business models and management from the perspective of the professional. In particular, when students complete this course, they will:

- Understand the profiles of key business professional roles such as chief executive officers, marketing, finance, human resources, operations and technology executives
- Be able to apply ideas about professionals for a reflection on their own background, personal role and career development as a (future) business professional
- Be able to formulate and analyze business modelling problems from the perspective of the business professional
- Be able to verbally and in written report on assignments

Inhoud vak

During the course students will explore cases and theories about the contribution of professionals in management and organization. Guiding questions are: Who are the people behind the key strategic decisions for the business model of an established firm or a new business venture? What functions, behaviors and capabilities are required for successful collaboration on the design and implementation of new business models? The content of the course entails an even-handed appreciation for theory and practice.

Onderwijsvorm

Lectures and tutorials. In the first part of the course, lectures start with an introduction to (management) professionals; their task, responsibilities, and activities. Throughout the tutorials, students have the opportunity to apply the theoretical frameworks

introduced in the lectures. To this end, the tutorials combine assignments, case studies and round-table discussions. Students are expected to actively contribute to the group's experience and learning.

Toetsvorm

Written exam, assignments, presentation

Literatuur

- Selection of articles, cases and support materials

Business Project

Vakcode	E_MB_BPROJ ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. B.V. Tjemkes
Examinator	dr. B.V. Tjemkes
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

The main objective of the course 'Business Project' is to familiarize students with knowledge and challenges associated with the design, execution, and evaluation of management (change) projects. Whereas during prior Minor business Administration courses students have been acquainted with various elements of management, during this course students are asked to integrate knowledge and adopt a multi-disciplinary approach in resolving real-life business issues. As the course builds on knowledge and skills acquired in the whole Minor, it encourages an even-handed appreciation of business model thinking and management disciplines. In particular, after following the course students:

- Have an advanced understanding of the decisions (conceptual, methodological and managerial) associated with designing and conducting a business project (research, advise) in the area of business administration
- Are able to act professionally (individually and in teams) and systematically report their results, both verbally (report) and orally (presentation)

Inhoud vak

The core of the course is based on a business venture. A real-life business which is confronted with specific challenges that demand a resolution (company visit). During the lectures students will be confronted with knowledge required to design and conduct a business project. The focus will be on knowledge and understanding associated with multi-disciplinary approaches to deal with real-life business challenges, project management approaches to deal with these challenges, and academic research to obtain and access relevant knowledge. In addition, during tutorial sessions students are challenged to explicate their decisions, and they will receive feedback. To conclude the course a presentation is given to the

management team of the company.

Onderwijsvorm

Lectures and tutorials. During the lectures, theory will be explained and illustrated with actual examples. Throughout the tutorials, the theory is applied to students business project, and teams will receive feedback. Students also discuss their progress through peer-review and in the form of written reports and/or oral presentations.

Toetsvorm

Individual and team assignment

Literatuur

Selection of articles.

Business Research Methods I

Vakcode	E_BK2_BRM1 ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. J.J. Berends
Examinator	prof. dr. ir. J.J. Berends
Docent(en)	prof. dr. ir. J.J. Berends, N.R. Laurey MSc, J.T. Hummel MSc, D. van Kampen MSc
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden. In dit vak leer je methoden om tot onderbouwde bevindingen te komen en de validiteit en betrouwbaarheid van bevindingen te beoordelen.

Onderzoeksvaardigheden. Je leert de wetenschappelijke en praktische doelen van bedrijfskundig onderzoek en de bijbehorende basisbegrippen. Je leert twee cycli van bedrijfskundig onderzoek - de empirische cyclus en de problem solving cyclus – te gebruiken om tot een passend ontwerp voor een bedrijfskundig onderzoeksproject te komen. Je leert verschillende kwalitatieve onderzoeksmethoden kennen en kwalitatieve methoden toe te passen voor de analyse van een bedrijfsprobleem.

Link met de praktijk. Je leert om kwalitatieve onderzoeksmethoden toe te passen voor het analyseren van een real-life bedrijfsprobleem.

Sociale vaardigheden. Je leert om respondenten te werven voor het uitvoeren van kwalitatief onderzoek, interviews uit te voeren, en onderzoeksresultaten te presenteren aan medestudenten.

Algemene ontwikkeling. Je leert om resultaten van een bedrijfskundig onderzoeksproject schriftelijk te rapporteren, ondersteund door academische literatuur.

Inhoud vak

Als bedrijfskundige wordt van je verwacht dat je bedrijfsproblemen kunt onderzoeken, oplossingen kunt bedenken en deze kunt toetsen. Maar hoe doe je dat op een wetenschappelijke manier? In het vak Business Research Methods 1 leer je hoe je volgens de academische normen systematisch onderzoek kunt doen in organisaties. In dit vak richten we ons op twee doelen van onderzoek in organisaties: het ontwikkelen van wetenschappelijke kennis en het oplossen van problemen in organisaties. In dit eerste vak van de BRM cyclus richten we ons specifiek op het inzetten van kwalitatief onderzoek, waarmee we de achtergrond van sociale fenomenen goed in kaart kunnen brengen.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Schriftelijk tentamen, groepsopdracht

Literatuur

- Saunders, Lewis and Thornhill (2015). Research Methods for Business Students. (7th edition) Pearson. (Geselecteerde hoofdstukken)
- Van Aken, J.E. and Berends, H (2017). Problem solving in organizations: A methodological handbook for business and management students (3rd edition). Cambridge: Cambridge University Press. (Geselecteerde hoofdstukken).
- Een selectie van academische artikelen en boekhoofdstukken over kwalitatieve onderzoeksmethoden welke beschikbaar zullen worden gemaakt via Canvas.
- Hoorcolleges, werkcolleges en collegeslides

Aanbevolen voorkennis

Academic Skills

Overige informatie

Het is noodzakelijk de opdracht(en) van BRM I grondig te maken aangezien er verder mee wordt gewerkt bij BRM II en Research Project

Business Research Methods II

Vakcode	E_BK2_BRM2 ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. H. van Herk
Examinator	prof. dr. H. van Herk
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Kwantitatieve vaardigheden: (1) het opstellen van een onderzoekdesign dat geschikt is voor kwantitatief onderzoek, (2) het kunnen opstellen van een vragenlijst voor kwantitatief onderzoek, en (3) Het analyseren van kwantitatieve data en het begrijpen, kunnen uitleggen en kunnen toepassen van de belangrijkste kwantitatieve analyse technieken. De juiste kwantitatieve technieken leren selecteren voor specifieke

bedrijfsproblemen.

Onderzoeksvaardigheden + link met de praktijk: Het toepassen van de kwantitatieve onderzoeksmethoden om, door dataverzameling en gestructureerde data-analyse, een bedrijfsprobleem te kunnen oplossen. De toegevoegde waarde van kwantitatieve onderzoeksresultaten naast de eerder verkregen kwalitatieve resultaten (uit het vak BRM-I komt hierbij aan de orde. Het leren programmeren in R, een programmeertaal die steeds meer gebruikt wordt in het bedrijfsleven.

Specifieke doelen: (1) Het voortbouwen op de kwalitatieve onderzoeksresultaten uit BRM-I om te komen tot een vragenlijst die geschikt is voor kwantitatief onderzoek. (2) het leren werken met de programmeertaal R om kwantitatieve analyses te kunnen uitvoeren.

Inhoud vak

In BRM 1 leer je om bedrijfsproblemen te onderzoeken, oplossingen kunt bedenken en deze kunt toetsen. De kwalitatieve resultaten resulteren tot een eerste inzicht in bedrijfsproblemen en eerste indicaties voor mogelijke oplossingen. Voor precieze getalsmatig onderbouwde oplossingsrichtingen heb je kwantitatief onderzoek nodig.

In BRM-2 leer je hoe je voortbouwend op kwalitatieve onderzoeksresultaten een gedegen kwantitatieve vragenlijst kunt opstellen. Er wordt uitgelegd hoe je een goede opzet voor kwantitatief onderzoek maakt, inclusief het trekken van een goede (representatieve) steekproef. Je leert het verband te zien tussen het oplossen van je bedrijfsprobleem en de statistische technieken die beschikbaar zijn. In BRM II wordt je geleerd data in te lezen in R, te bewerken en te analyseren. Verschillende kwantitatieve technieken worden uitgelegd en gebruikmakend van R toegepast op diverse datasets. De voorbewerking van de datasets is consistent met analyseproblematiek die ook in het bedrijfsleven voorkomt.

BRM-2 is een gedegen voorbereiding op het Research Project, d.w.z. BRM-2 leidt tot een eerste opzet voor de vragenlijst die in Research Project wordt afgenomen bij een voldoende grote steekproef. Je eigen data analyseer je in Research Project in R, waarbij je de in BRM-2 geleerde kennis toepast op je eigen data.

Onderwijsvorm

Hoorcolleges en werkcolleges.

Toetsvorm

Schriftelijk tentamen en teamopdracht

Literatuur

- Chapman, Chris & Elea McDonnell Feit (2015), "R for Marketing Research and Analytics"
- overige literatuur wordt later nog bekend gemaakt; boek Business Research Methods

Aanbevolen voorkennis

Overige informatie

Het is noodzakelijk de opdracht(en) van BRM II grondig te maken aangezien er verder mee wordt gewerkt bij Research Project (BRM-3)

Business Statistics

Vakcode	E_BK1_BS ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. R. Heijungs
Examinator	dr. R. Heijungs
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Dit vak is het tweede in de lijn van de academic core, waarin je vertrouwd raakt met de statistische denk- en werkwijze (Kwantitatieve vaardigheden; Vakkennis). In dit vak maak je kennis met een aantal belangrijke statistische onderwerpen en een aantal elementaire kwantitatieve technieken met betrekking tot bedrijfskunde en bedrijfseconomie. Deze technieken zijn niet alleen van belang in een academische context, maar ze helpen tevens bij het oplossen van bedrijfskundige vraagstukken (Onderzoeksvaardigheden). Je leert niet alleen die technieken, maar ook de kunst van het abstraheren van een probleem in de echte wereld tot een wiskundig probleem, en weer terug van een wiskundig antwoord tot een antwoord dat relevant is voor de echte wereld (Academische vaardigheden)

Na succesvolle afronding van deze cursus kun je:

- goed omgaan met statistische notatie (passief en actief);
- elementaire kansrekeningsopgaven doorrekenen;
- gebeurtenissen modelleren met de Bernoulliverdelingen, de binomiale, de uniforme en de normale verdeling;
- beschrijvende statistieken (gemiddelde, mediaan, variantie, correlatiecoëfficiënt, scheefheid, proportie, etc.) uitrekenen en interpreteren;
- omgaan met de begrippen populatie, steekproef en steekproef spreiding;
- betrouwbaarheidsintervallen (voor gemiddelde, proportie en variantie) uitrekenen;
- onderscheid maken tussen statistische en economische significantie;
- één-steekproef toetsen (voor gemiddelde, mediaan, proportie en variantie) uitvoeren;
- twee-steekproef toetsen (voor gemiddelde, mediaan, proportie en variantie) uitvoeren;
- kruistabellen opstellen en de chi-kwadraattoets uitvoeren;
- meervoudige regressie (inclusief toetsen, betrouwbaarheidsintervallen en dummy's) uitvoeren;
- een éénwegvariantieanalyse (inclusief post-hoc-analyse) uitvoeren;
- de juiste toets kiezen voor een gegeven probleem;

- gegevens en verbanden visualiseren;
- het programma SPSS gebruiken voor bovenstaande onderwerpen.

Inhoud vak

Bedrijfskunde is een vakgebied waarin gegevens van centraal belang zijn. Ideeën over het effect van advertenties op verkoop, of van bonussen op de prestatie van werknemers zijn leuk, maar de ultieme test is niet de theorie, maar de empirische gegevens. Helaas zijn dergelijke gegevens nooit volledig eenduidig. Verkoopcijfers gaan de ene dag omhoog en de andere dag omlaag, en er zijn meer factoren die zorgen voor ruis in de waarnemingen. Statistiek is een hulpmiddel om conclusies te trekken uit gegevens. De moderne bedrijfsanalist moet daarnaast goed overweg kunnen met spreadsheets en het visualiseren van gegevens. Dit vak schenkt daarom ook aandacht aan dergelijke vaardigheden.

Onderwijsvorm

Hoorcolleges
 Instructiecolleges
 Werkcolleges

Toetsvorm

Tentamen met open vragen - individuele beoordeling
 Tussentoetsen - individuele beoordeling
 Actieve deelname aan instructiecolleges en werkgroepen - individuele beoordeling

Literatuur

Doane, David P., and Lori E. Seward (2015), Applied Statistics in Business & Economics, fifth Edition, McGraw-Hill

Aanvullende documenten via Canvas

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Business Mathematics

Overige informatie

Bij dit vak wordt het programma IBM SPSS Statistics gebruikt. Dit programma is beschikbaar op de computers op de VU-campus. Desgewenst kan men via <http://www.surfspot.nl/> een goedkope versie voor thuisgebruik aanschaffen. Bij de tussentoetsen wordt de Engelstalige versie voor Windows gebruikt.

Calculus 1

Vakcode	E_EOR1_CAL1 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. H. Karabiyik
Examinator	dr. H. Karabiyik
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	100

Doel vak

The student studies the basic principles in mathematics including functions of one real variable, limit functions, continuity, derivative and integral.

Much attention is given to basic principles and basic derivations of the results.

Inhoud vak

The main topic is real functions of one variable:

- 1) Real functions and trigonometric functions
- 2) Limits and continuity
- 3) Inverse functions
- 4) Differentiation, chain rule, mean value theorem
- 5) Applications such as l'Hôpital's rule and Taylor polynomial
- 6) Integration

Onderwijsvorm

Main lectures (4 hours per week) and tutorial classes (4 hours per week)

Literatuur

Stewart, J., Calculus, 7th Edition, International Edition, Cengage Learning, 2011.

Intekenprocedure

Via VUnet.

Calculus 2

Vakcode	E_EOR1_CAL2 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. H. Karabiyik
Examinator	dr. H. Karabiyik
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	100

Doel vak

The student studies the basic principles in mathematics including functions of one real variable, limit functions, continuity, derivative and integral.

Much attention is given to basic principles and basic derivations of the results.

Inhoud vak

The main topic is real functions of one variable and more variables.

Onderwijsvorm

Main lectures (4 hours per week) and tutorial classes (4 hours per week)

Toetsvorm

Written exam.

Literatuur

Stewart, J., Calculus, 7th Edition, International Edition, Cengage Learning, 2011.

Intekenprocedure

Via VUnet.

Case Study: A Modelling Competition

Vakcode	E_EOR3_CSMC ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide
Examinator	dr. L.F. Hoogerheide
Lesmethode(n)	Hoorcollege

Doel vak

This course in the minor Applied Econometrics is targeted at both econometrics and non-econometrics students. The objectives are to work together in a group, to describe methods and results in a report and presentation, to learn to perform empirical research and to apply the material of the courses in the periods 3.1 and 3.2 of the minor Applied Econometrics.

Inhoud vak

Case studies are carried out by teams of a heterogeneous group of students, coming from different study backgrounds. The students must write case reports and present their results. The groups compete to come up with the best specification of an econometric model.

Onderwijsvorm

Lecture.

Working groups of students.

Toetsvorm

Presentation and written report. At the end of the course each group must submit a final report (and the computer code that they used), and each group must give an oral presentation. The grade is mainly based on the final report, where only exceptional computer code and/or an exceptional oral presentation (in a good or bad sense) may lead to a (positive or negative) adaptation of the grade.

Literatuur

Selection of articles and papers.

Vereiste voorkennis

The courses of periods 3.1 and 3.2 in the Minor Applied Econometrics.

Challenges of Food and Nutrition Security

Vakcode	E_MG_CFNS ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. C.F.A. van Wesenbeeck
Examinator	dr. C.F.A. van Wesenbeeck
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

After successfully completing this course, students will:

- have a broad understanding of the concept of Food and Nutrition Security (FNS);
- be able to identify, calculate and interpret basic indicators for FNS and judge their relevance;
- be familiar with and understand the challenges to achieve FNS;
- be familiar with and understand the challenges posed by FNS failure for societies and individuals;
- be familiar with and understand the rationale for possible interventions to improve FNS.

Inhoud vak

Food and nutrition security is a critical input for the functioning and wellbeing in any society. At the same time, food and nutrition security remains far from guaranteed with more than 700 million people being undernourished and another billion people suffering from a lack of vitamins and minerals. In this course you will first develop a broad and deep understanding of the concept of FNS, both historically and contemporaneously. Next, the course will analyze challenges to ensure food and nutrition security for all now and in the future as well as challenges posed for societies and individuals by food and nutrition insecurity.

Onderwijsvorm

Lectures and workgroups

Toetsvorm

Exam (60%), assignments (30%), presentation (10%)

Literatuur

To be announced

Vereiste voorkennis

There is no formal entrance requirement for the minor Global Food Security Studies, and hence also not for this course. We specifically aim for a diverse group as we strongly believe that interdisciplinary research is best taught through active interaction between students from different disciplinary backgrounds. However, we expect that this course is especially of interest to students of economics, social sciences and health sciences. The minor is a university minor which implies that VU students do not need to ask for permission from the Examination Board to acquire the credits for courses for their own BSc degree.

Doelgroep

The minor Global Food Security Studies and hence also this course is open for students from all majors who want to acquire familiarity with the core principles of global food security and interdisciplinary methods. We are particularly interested in students who wish to contribute to food security through rigorous interdisciplinary knowledge production. The international staff that teaches in this minor program conducts research in a variety of regions around the globe. This holds great appeal to students who are keen to understand the diversity and similarity in problems and solutions related to food (in)security.

Intekenprocedure

To register you should enroll through VUnet. Registration is open from mid-July. Early registration is recommended. Students without access to VUnet should enroll as secondary course students ('bijvakstudent'). More information can be found on this pages:

Dutch information about the application procedure >

English information about the application procedure >

Overige informatie

Part of minor Global Food Security

Climate Change Law

Vakcode	R_TL-TP ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	C. Kaupa
Examinator	C. Kaupa
Docent(en)	C. Kaupa
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

The course analyzes climate change as a transnational legal phenomenon. Students will learn to work across different legal fields (ranging from international and human rights law to private and economic law) and different jurisdictions (including international, European, national and local regulation), and to handle legal questions in the context of complex economic, political, social and ethical debates. Students will be encouraged to participate in the course of the lectures, with the goal of developing the sort of critical and analytical skills conducive to the practice of transnational law, and to understanding transnational global developments.

Inhoud vak

Climate change is one of the most pressing issues the world faces in the 21st century. It is also a particularly complex and interesting problem from a legal perspective: this is because climate change affects multiple jurisdictions (from the international to the local level), numerous areas of law (ranging from international to private law) and multiple actors (ranging from governments and international organizations to multinational businesses, NGOs and private citizens).

Moreover, complex scientific, economic, political, social and ethical questions feed into the legal processes.

Analyzing the interaction of different legal fields:

Greenhouse gases originate from a broad range of activities, including energy production, industry and transport to agriculture. These are regulated in, or otherwise affected by, numerous fields of law, such as international law, European and national economic law, private law, environmental law, international trade and investment law and human rights law. Tackling climate change therefore requires understanding how these various legal fields interact.

Analyzing how different jurisdictions interact:

Climate change is a transnational phenomenon, having local causes, but creating global effects: consequently, the problem must be addressed at the same time at a global scale, by regional organizations (such as the EU), at the national and at the regional level (e.g. cities). The course will look at how these different jurisdictions interact.

Understanding the role of different legal actors:

Climate change is not only a concern for national governments and international organizations. The European Union, as a regional organization, has long been an important actor in this field; moreover, non-state actors play an important role as well: multinational businesses, NGOs and private citizens aim to influence the regulatory process, most notably by bringing lawsuits. The course will analyze the activities of these different actors.

Understanding the context of climate change law:

Climate change has complex scientific, economic, political, social and ethical dimensions: for example, given that the emission of greenhouse gases is related to many different business sectors, a transition towards a low-carbon society will likely transform the existing economy in significant ways. This will inevitably create „losers“ along the way (e.g. coal and oil companies), who may aim to slow down the transition, thereby posing difficult economic and political questions. Or, to give another example, as greenhouse gas emissions are related to consumption, they are mainly attributable to the wealthy parts of the global population; however, climate change disproportionately affects poor populations in developing countries, and therefore raises complex ethical issues. In this course, we will study how scientific, economic, political, social and ethical questions feed into the legal process.

The course will cover:

- Part 1: the science, economics and politics of climate change;
- Part 2: Climate change as a global issue; the international climate change regime (e.g. Paris Agreement), international law, human rights law and international trade and investment law;
- Part 3: European and national legislation (e.g. Emissions Trading System)
- Part 4: Lawyering for change (e.g. lawsuits against governments and businesses in the US and in Europe)

Toetsvorm

Small written and oral assignments throughout the course and a final written assignment.

Literatuur

The literature will be announced on Canvas.

Doelgroep

Apart from regular students, the course is also available for:
Students from other universities/faculties
Exchange students
Contractor (students who pay for one course)

Overige informatie

The following course objectives are only available in Dutch:

Eindtermen bachelor Rechtsgeleerdheid

De afgestudeerde bachelor beschikt over een fundamenteel academisch werk- en denkniveau;

- heeft kennis van en inzicht in de kernleerstukken van de hoofdonderdelen van het geldende recht (in het bijzonder het Nederlandse privaatrecht, staatsrecht, bestuursrecht, strafrecht en internationaal en Europees recht), alsmede de systematiek daarvan, met inbegrip van recente ontwikkelingen
- heeft kennis van en inzicht in het internationale en het Europese recht in hun verhouding tot het nationale recht
- heeft elementaire kennis van Engelse juridische terminologie
- beseft dat het recht zich ontwikkelt en manifesteert in een maatschappelijke context
- heeft kennis van de grondslagen van het (Nederlandse) recht, rechtshistorische en rechtsfilosofische aspecten en heeft besef van de eigen aard van de rechtsbeoefening

De afgestudeerde bachelor beschikt over de volgende (juridische) vaardigheden:

Analytische vaardigheden

- lezen, begrijpen en analyseren van juridische, rechtswetenschappelijke en rechtstheoretische teksten en betogen, waaronder jurisprudentie en wetgeving
- kritisch reflecteren op regelgeving, rechtspraak en literatuur, onder meer vanuit rechtshistorisch, rechtsvergelijkend en rechtsfilosofisch perspectief; is in staat om te reflecteren op de grenzen van het vakgebied
- reflecteren op de eigen maatschappelijke verantwoordelijkheid in de maatschappelijke context waarin het recht functioneert
- is in staat om juridische argumentatiestructuren te analyseren en op te zetten

Probleemoplossende vaardigheden

- selecteren van juridisch relevante feiten uit een feitencomplex
- selecteren van rechtsregels die bijdragen aan het oplossen van een juridische casus
- oplossen van juridische casus, waaronder begrepen hanteren van een systematische aanpak bij het toepassen van rechtsregels op concrete gevallen

Communicatieve vaardigheden

- een gefundeerde en beargumenteerde positie innemen in een maatschappelijk, juridisch debat

Informatievaardigheden

- op een efficiënte manier juridische bronnen raadplegen en informatie verzamelen uit juridische (digitale) bibliotheken en databestanden, en

de waarde, relevantie en kwaliteit van de informatie beoordelen
-op efficiënte wijze relevante ontwikkelingen bijhouden en kennis
actualiseren

Cognitive Neuroscience

Vakcode	AB_1056 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. S. van der Sluis
Examinator	dr. S. van der Sluis
Docent(en)	prof. dr. S. Spijker, dr. C.P.J. de Kock, dr. H.K.E. Vervaeke, dr. S. van der Sluis, M. Loos
Lesmethode(n)	Practicum, Computerpracticum, Werkgroep, Hoorcollege
Niveau	300

Doel vak

Introduction to the field of cognitive neuroscience: understanding the biological mechanisms underlying cognitive processes such as learning and memory, discussing recent developments in the field with leading scientists, and acquiring knowledge on how the brain, and its different cell types, function.

Inhoud vak

In the first course of this Minor, you will learn the basics of cognitive neuroscience through a series of introductory lectures on brain function and (dysfunctional) cognitive behavior. More specifically, we will teach you the structure and function of the major building blocks of the brain, ranging from single cells to neuronal networks, and from emotion to motor control. We combine workshops and keynote lectures, delivered by renowned neuroscientists, to discuss recent advances in the field of learning and memory, brain plasticity, and brain disease (e.g., Angelman syndrome, OCD). Finally, you will learn about and experience various technical approaches to measure the brain (e.g., histology) in hands-on practicals.

Onderwijsvorm

Lectures 25 hours 44% 2.6 ECTS
Workshops 16 hours 28% 1.7 ECTS
Practicals 6 hours 11% 0.7 ECTS
Keynote lectures 8 hours 14% 0.8 ECTS
Quiz 2 hours 3% 0.2 ECTS

Total 57 hours 100% 6.0 ECTS

Toetsvorm

Written exam & assignments

Literatuur

Recent literature, to be announced at the start of the course.

Foundations of Behavioral Neuroscience

Carlson, Neil R.
(9th edition)

Exam material:

CH2, CH3, CH5, CH6 (pg. 136 - 146), CH7 & CH12

Vereiste voorkennis

No special requirements.

Doelgroep

Open to students from all educational backgrounds (e.g., exact, social, life and economic sciences) with an interest in the brain and mind.

Overige informatie

Coordinators: Christiaan de Kock and Sophie van der Sluis.

No special requirements to be met.

Part of minor Brain and Mind. This minor course requires a minimum of 25 participants to take place.

Cognitive Neuroscience

Vakcode	P_BCOGNEUS ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. D.J. Heslenfeld
Examinator	dr. D.J. Heslenfeld
Docent(en)	dr. D.J. Heslenfeld
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

To introduce students to the multidisciplinary area of cognitive, social, clinical and emotional neuroscience.

Inhoud vak

The course will treat modern techniques and recent data that relate mental processes to brain functions. Techniques that will be covered are EEG, MEG, MRI, lesions. Mental functions that will be studied include perception, memory, emotion, consciousness, and social cognition. The aim of the course is to provide a sound basis for the master program.

Onderwijsvorm

Lectures, computer practicals and literature study.

Toetsvorm

Written examination, multiple choice questions. Practical have to be completed

Literatuur

Gazzaniga, M.S., Ivry, R.B., & Mangun, G.R. (2016). Cognitive Neuroscience: The Biology of the Mind (4th Edition). New York: Norton. ISBN: 9780393912036

Vereiste voorkennis

Some background in psychology and biology is recommended.

Aanbevolen voorkennis

Biologische en Cognitieve Psychologie

Overige informatie

Language: Tuition in English.

As of 2018-19 this course is no longer part of the University Minor. Students who still need to complete this course for the UM, can contact the course coordinator.

Comparative Political Research

Vakcode	S_CPR ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	dr. P.J.M. Pennings
Examinator	dr. P.J.M. Pennings
Docent(en)	dr. P.J.M. Pennings
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

This course presents an overview of the field of Comparative Political Research by placing particular focus on the following aspects. This course:

- provides students an overview of the central debates within Comparative Political Research.
- teaches students to critically evaluate the premises of theories and the comparative method.
- trains students to set up a research design. Students are familiarized with key methodological issues such as internal and external validity, conceptualization, operationalization, and case- selection.
- teaches students the basic skills necessary for performing comparative research across a number of cases (e.g. countries).
- teaches students how to apply the comparative method in qualitative and quantitative research, to think about the advantages and disadvantages of both types of research, and how they can complement each other.

Inhoud vak

In this course students will compare two contrasting case studies and make a design for a comparative case study themselves. These tasks will help students to gain the basic skills necessary for performing comparative research and to set up a research design.

Onderwijsvorm

- The course will be taught in the form of lectures and tutorials.
- The tutorials provide students with the opportunity to discuss their preliminary answers to the assignments. The more students prepare and participate in the tutorials, the more feedback they receive in return.

Toetsvorm

Written assignments.

Literatuur

Main Textbook (To be purchased):

Gerring, J. (2017). Case Study Research. Principles and Practices. Cambridge: Cambridge University Press. 2nd Edition.

In addition students will read a number of articles.

Doelgroep

Bachelor students Political Science and students of the Pre-Master Political Science.

Overige informatie

Each week one lecture and one tutorial (and/or feedback by appointment).

Computational Econometrics

Vakcode	E_EOR3_CE ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide
Examinator	dr. L.F. Hoogerheide
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

This course in the minor Applied Econometrics is targeted at Bachelor Econometrics students and Bachelor students with different backgrounds who have already had an introduction to programming and econometrics/statistics. The objective is to acquaint the student with Bayesian statistics and applications thereof to econometric problems, using advanced computational methods.

Inhoud vak

This course will cover Bayesian statistics where the topics include the prior and posterior density, Bayesian hypothesis testing, Bayesian prediction, and Bayesian Model Averaging for forecast combination. Several models will be considered, including the Bernoulli/binomial distribution, the Poisson distribution and the normal distribution. Obviously, attention will be paid to the Bayesian analysis of linear regression models. Also simple time series models will be considered. An important part of the courses is the treatment of simulation-based methods such as Markov chain Monte Carlo (Gibbs sampling, data augmentation, Metropolis-Hastings method) and Importance Sampling, that are often needed to compute Bayesian estimates and predictions and to

perform Bayesian tests.

Onderwijsvorm

Lectures and exercises in the computer lab.

Toetsvorm

Final written exam – Individual assessment.

Exercises - groups of 1 or 2 students.

Literatuur

Slides and exercises that will all appear on Canvas.

Aanbevolen voorkennis

Programming, Econometrics I, Numerical Methods.

Consumer Behavior

Vakcode	E_EBE3_CBEH ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. K.M.T. Millet
Examinator	dr. K.M.T. Millet
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

At the end of this course you will be acquainted with the psychological theories, concepts, methods, and research findings central to the study of consumer behavior (Knowledge). You will be able to understand consumer decisions from different perspectives as well as to apply theoretical frameworks in different settings (Academic skills). In addition, you will be able to apply these theories in order to develop effective marketing strategies to influence thinking and behavior of consumers (Bridging theory and practice). Critical reading of and reflection on scientific articles will give you a good sense of how behavioral experiments are set up and analyzed. Moreover, you will actively participate in experimental research as well as develop the skills needed to understand experimental research, and interpret its experimental results (Research skills).

At the end of the course students will be able to:

- explain important concepts and theories in the study of consumer behavior;
- identify different drivers of consumer decisions;
- apply fundamental psychological theories to real-world consumer decision situations;
- interpret graphical output of simple experiments;
- explain the methodology of academic articles as discussed in class.

Inhoud vak

We are consumers, every day, every moment of the day. We consume food, drinks, education, and television programs. It is however not always easy to understand or predict the behavior of consumers. Why do

consumers choose one car or holiday destination over the other? How are advertisements processed and when are they effective? Are preferences stable or easily malleable? For successful marketing management and strategy, it is essential to get an understanding of the behavior of consumers. After all, marketing begins and ends with the consumer, from determining consumer needs to finally providing and maintaining consumer satisfaction. The course introduces you to some important psychological theories on memory, learning, perception, attitude, motivation, identity and social influences. We do not only focus on “big theories”, but also study specific articles from top-notch journals in the field, thereby illustrating how research in this field is done, how this contributes to our knowledge on consumer decisions as well as to develop critical thinking.

In addition to the conceptual part of the course, considerable attention is allocated to (experimental) research methodology.

By doing so, you will develop skills that are essential to truly understand specific academic articles in the field from A to Z (insights in methodology included).

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.
(Interim) Assignment(s) – Group assessment.

Literatuur

A customized handbook: Consumer Behavior (compiled by Kobe Millet) – Available in the VU Bookstore; ISBN 978-1-4737-5799-8

Additional readings (tba) will be announced on Canvas.

Vereiste voorkennis

None.

Aanbevolen voorkennis

None.

Consumer Science for Online Commerce

Vakcode	E_IBA3_CSOC ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M.H.P. Kleijnen
Examinator	dr. M.H.P. Kleijnen
Docent(en)	dr. M.H.P. Kleijnen
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Academic skills:

- analysis – ability to examine and understand problems from different

perspectives

- argumentation – ability to put forward well-founded, substantiated points of view, both in spoken and written format

Knowledge:

- Ability to make connections between theories, models, and concepts
- Acquire specialized, in-depth knowledge and insights in the field consumer science in online commerce

Bridging theory and practice:

- applying theoretical knowledge in a specific business situation
- experience real-life business problems

Social skills:

- ability to present on substantive issues related to consumer science in online commerce
- ability to work in a team and reflect on your own role in the team

Inhoud vak

The Internet and digital media have transformed marketing and business since the first website went live a long time ago. More than 20 years later over one billion people around the globe regularly use the web to find products, entertainment and soulmates. Consumer behavior and the way companies market to both consumers and businesses have changed dramatically. To succeed in the future, organizations will need marketers, strategists and agencies with up-to-date knowledge about the digital consumer and his or her behavior. Digital marketing is an exciting area to be involved in, since it poses many new opportunities and challenges yearly, monthly and even daily. Innovation is a given with the continuous introduction of new technologies, new business models and new communication approaches. How consumers deal with these changes and apply them to their personal lives becomes more important for marketers to understand.

In this course you are inspired and challenged to discover the possibilities and consumer response to digital developments. Typically, topics may evolve around issues such as: (online) customer journeys; different phases and touch points in the journey; contextual influences (assortments, web design, product presentation); social interactions (social media, online reviews); and mobile commerce.

The classes are highly interactive. This means, that it will require a high degree of participation and preparation from the students.

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

Assignment – Individual assessment

Group project assignment – Group assessment

Group and in-Class participation – Individual assessment

Literatuur

Required readings consist of articles and will be announced via Canvas (together with other required materials).

Vereiste voorkennis

N/A

Aanbevolen voorkennis

A basic understanding of marketing principles and business-related courses

Overige informatie

N/A

Contemporary Challenges in Corporate Strategy

Vakcode	E_HP1_CCCS ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Du
Examinator	dr. J. Du
Docent(en)	dr. J. Du
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

The main objectives of this course are to: (1) familiarize students with the most significant and fundamental perspectives in corporate strategy and (2) apply strategic management thinking to understand and explain capability development and performance heterogeneity across firms.

After successful completion of the course, students:

- Possess an in-depth and theory-driven understanding of some of the most significant tensions inherently connected to strategic management;
- Are able to apply each perspective to a real-life situation (i.e. cases) and develop meaningful interpretations of their findings;
- Are able to communicate their views with respect to each perspective, both verbally and through written reports (individual and team-based)

Inhoud vak

The course consists of six lectures over a period of six weeks. After an introduction lecture, the five remaining lectures are divided into five themes, each covering one of the five main focal areas in the course. These main areas focus on the deliberate and the emergent strategies, capability development of firms, and strategic implementation.

Each theme lecture is motivated by a hot topic or debate in news articles and/or social media in order for students to enter the scene, and consists of an introduction to the topic, an in-depth, very interactive discussion of how to cope with the key issues based on the selected literature, as well as an application to business practices.

The five main building blocks of this course include: management frameworks and human resources; ethics and sustainable development; business ecosystems, networks and alliances; entrepreneurship; innovation, capability development and evolution.

Onderwijsvorm

The form of tuition consists of a mixture of classroom interaction, presentation, and in-depth discussion.

Toetsvorm

The grade of this course is based on two types of assessments: (1) preparation, class participation and discussion; (2) depending on the number of students, individual and/or group assignments will be assessed.

Literatuur

Collection of carefully-selected scientific literature and business articles, case studies, video materials that are disclosed through Canvas.

Aanbevolen voorkennis

A basic understanding and acquaintance with the fundamentals of corporate strategy (or, a great passion and desire to understand and get acquainted) is expected of students in order to allow an in-depth discussion of the selected topics.

Doelgroep

Honours Program students; The course can be followed by a broad audience, but requires an interest in business administration in general, and strategic management in particular.

Intekenprocedure

SBE rules and dates apply for this SBE HP course. Registration via VUnet.

Contemporary Perspectives on HRM Theory

Vakcode	E_IBK3_CPHRM ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. D.A. Driver-Zwartkruis
Examinator	dr. D.A. Driver-Zwartkruis
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Academic Skills: First, students will be able to understand complex organizational problems from an interdisciplinary perspective. Second, students will be able to identify the gap between HR theory and HR practice, and thereby, formulate research problems.

Knowledge: First, students will acquire knowledge of the history, philosophy, and the contemporary developments in the study of Human Resource Management by reviewing scientific articles. Second, students will gain an appreciation for theories which (should) inform the HR professional in playing a strategic role in assisting management with syncretizing organizational goals and employee talent. Third, students

will gain awareness of the broader society and the role of the HR professional in assisting management with understanding the significance of HR theory, societal realities in the HR Planning process. Fourth, students will develop an appreciation of the interaction between organizations' financial capacity and the influence of societal realities including economic conditions, international treaties, labor market situations, and the demographic composition, and how these realities impinge on the HR decision making process.

Bridging Theory and Practice: Based on empirical data gained from a review of the literature, students will identify relevant HR theory and HR practices to address complex organizational problems from an interdisciplinary perspective which includes workplace diversity a.o. gender, sexuality, ethnicity, culture and demographic composition. Additionally, students will understand the need for theories which inform Ethics and Corporate Social Responsibility (CSR) practices in the workplace.

Inhoud vak

Human Resource Management is the design of formal systems in an organization to ensure the effective and efficient use of human talent. These formal systems should generate activities that involve the utilization and development of an organization's resources which include personnel, technical equipment, and policies. Thereby, an organization is equipped with essential elements to facilitate individual, groups and teams with achieving stated goals. The study of HRM is informed by the behavioral and social sciences which includes psychology, economics, law, anthropology and sociology.

In this course emphasis is given to the HR theory which underpins HR practices. Therefore, special attention is given to identifying the gap between HR theory and HR practices in an organization context, this will include contemporary topics such as Workplace Diversity, Ethics and Corporate Social Responsibility (CSR). Thus, a variety of theories will be explained.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

individual and group assessment

Literatuur

Literature will be posted on Canvas

Aanbevolen voorkennis

BK 1.5 HRM & OB 3.4 Contemporary Perspectives on OB Leading Change

Contemporary Perspectives on OB: Leading Change

Vakcode	E_IBK3_CPOB ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. E. Doci

Examinator	dr. E. Doci
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Leadership is a fundamental aspect of human organization. It occurs quickly and automatically across all cultures and levels of complexity. Unfortunately, even though transformational leadership is widely studied, much of our understanding remains disjointed. In this course we connect the phenomenon of transformational leadership to study how it functions in the context of planned organizational change. The purpose of this course is 1) to help you generate a clearer understanding of the leadership process and how it connects with mobilizing people to change, 2) develop your own leadership skills (once we know what we need to develop), and 3) provide a roadmap for your future as an effective transformational leader.

Learning Outcomes.

- Knowledge: Student is familiar with the generative processes that gives rise to leadership, planned organizational change, and the connection between these two.
- Bridging Theory & Practice: Student is familiar with the practical problems which business leaders and change consultants face when managing organizational change.
- Self-awareness about one's tendencies as a leader and follower in different organizational change situations.
- Social skills: the 'discursive ability' to motivate and mobilize others, awareness of verbal and non-verbal signaling.
- Research skills: the student is able to gather quantitative survey data, analyze the data (using SPSS) and effectively report on the results
- Academic skills: the student is able to systematically analyze a practical change-related problem and come up with a plan of action.

Inhoud vak

The first part of this course is an overview of the various definitions of leadership, including the many styles of leadership that are relevant to organizational change (i.e., evolutionary, charismatic, transformational, ethical leadership). In the process you will learn the boundaries and generative processes that give rise to leadership and the different levels of analysis that apply. For instance, you will learn that the ultimate why of leadership is quite different from the proximate how of leadership. This process will help us generate a general definition of leadership that integrates factors you will need to become an effective transformational leader. For example, you will learn about the different phases of leadership, how it can mobilize people, but also how it may finally lead to a state of disenchantment and disengagement. You will also learn which personal and contextual factors influence tie into the leadership process. This will help you maximize the good of charisma and ideology and avoid its dark side to maintain trust and maximize followership investment. You will also gain a deeper appreciation for the role leadership has on followership attitudes and motivation.

The second part of this course focuses on change as a process, that is, a journey. You will learn to think about organizational change as a risky, adventurous journey with an uncertain outcome (for leaders and followers alike). That said, change has a number of recognizable phases that each offer unique challenges to

change leaders. The second part also involves an overview of employees affective/attitudinal reactions of change recipients over time. You will learn about best practices of change management and the Theory of Planned Behavior as integrative framework. Last but not least, you will learn about rhetorical practices (framing, stories, narratives, vision) in change implementations and their intimate connection with charismatic-transformational leadership.

4. Change as a perilous journey

- Phases of change, obstacles, overcoming obstacles

5. Attitudinal reactions to organizational change

- Different types of organizational change (e.g., cost-focused vs. people focused and combinations) and reaction pattern to these changes

6. Best practices in leading change

- John Kotter; Theory of planned Behavior; behavior change

7. Rhetorical strategies of the transformational leader

The third part of this course is organized around application. Some leadership qualities are important across situations whereas other qualities are context-specific. For example, hierarchy and dominance may not always be the best strategy. For this course we will focus on a number of important leadership contexts that you will consistently encounter throughout your career. You will first learn about these dynamics and then in groups you will practice your ability to lead across different change contexts. You will evaluate yourself and be evaluated by others to supply you with comprehensive feedback. The primary goals are

8. Understanding yourself as a leader,

9. Identifying strengths and weaknesses across contexts (e.g., you may perform better in one situation relative to another),

10 Practice improving your leadership (e.g., rhetorical ability) in a variety of organizational contexts.

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

Written exam – Individual assessment

Assignment(s) – Individual assessment

Assignment(s) – Group assessment

Literatuur

This course is taught article based,

Aanbevolen voorkennis

BK:

1.5 HRM & OB; 2.5 BRM II - Quantitative

IBA:

2.1 HRM & OB; 2.4 HRM Practices - A Global Perspective; 2.4 BRM I – Quantitative

Corporate Entrepreneurship

Vakcode	E_BK2_CE ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands

Faculteit	School of Business and Economics
Coördinator	prof. dr. W. Stam
Examinator	prof. dr. W. Stam
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden: Studenten zullen in dit vak leren om zelfstandig vraagstukken rond corporate entrepreneurship te analyseren, kennis uit wetenschappelijke publicaties toe te passen op situaties uit de praktijk en om de keuzes die daarbij gemaakt worden te onderbouwen en te beargumenteren. Je leert met de aangereikte begrippen en modellen organisaties te analyseren en te beoordelen op hun ondernemende karakter en aanbevelingen op te stellen hoe ondernemerschap in deze organisaties beter kan worden georganiseerd.

Vakkennis: Je verkrijgt een gedegen basiskennis over alle onderwerpen rondom intern ondernemerschap; met name over verschillende vormen van corporate venturing, het ontwikkelen van nieuwe ondernemende initiatieven, en het motiveren van interne ondernemers.

Link met de praktijk: Je leert theoretische kennis toe te passen in praktijksituaties waarbij grote organisaties voor de uitdaging staan om ondernemender te worden. Daarnaast krijg je inzicht in recente ontwikkelingen rondom intern ondernemerschap bij grote bedrijven.

Sociale vaardigheden: Je leert om samen te werken in teams; om je werk te presenteren en daarover te discussiëren, en om feedback te geven op het werk van anderen.

Specifieke leerdoelen: het vak Corporate Entrepreneurship heeft als specifieke doelstelling om studenten:

- Inzicht te geven in enerzijds de problematiek om in grote bestaande organisaties ondernemerschap ruimte te geven en anderzijds de mogelijkheden om ondernemerschap en ondernemende initiatieven binnen die organisaties te realiseren.
- Kennis te bieden over begrippen, theorieën en debatten op terrein van corporate entrepreneurship.
- Inzicht te verkrijgen in de verschillende mogelijkheden om ondernemerschap binnen een groot bedrijf te organiseren.
- In staat zijn om met de aangereikte begrippen en modellen organisaties te analyseren en te beoordelen op hun ondernemende karakter en op de mogelijkheden voor intern ondernemerschap.
- In staat zijn om kritisch te reflecteren op de theoretische en praktische waarde en bruikbaarheid van de aangereikte begrippen en modellen.
- Kennis en vaardigheden bij te brengen die van belang zijn voor onderzoeker op terrein van intern ondernemerschap, maar ook effectief zijn om te functioneren als de 'corporate entrepreneur' professional.

Inhoud vak

In de huidige dynamische en voortdurend veranderende markt is ondernemerschap een essentieel en onmisbaar element in het succes van organisaties - groot of klein, nieuw of reeds lang gevestigd. Corporate entrepreneurship omvat de studie van ondernemende processen en principes zoals toegepast in bestaande organisaties. Het vak verkent de uitdagingen en oplossingen van gevestigde bedrijven om nieuwe kansen

te identificeren, te selecteren en die vervolgens te implementeren. Het gaat ook om de vraag wie de interne ondernemers zijn en hoe die intrapreneurs ondersteund kunnen worden om ondernemende initiatieven te starten met als doel om nieuwe producten, markten en processen te ontwikkelen. Onderwerpen die aan bod komen zijn onder meer het ondernemende karakter van organisaties, de link tussen corporate entrepreneurship en bedrijfsstrategie, het selecteren en ontwikkelen van nieuwe initiatieven, het motiveren van intrapreneurs, de spanning tussen autonomie en controlemechanismen, en het ontwerpen van corporate venturing en corporate venture capital programma's.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Opdrachten - groepsbeoordeling

Tentamen - individuele beoordeling

Literatuur

Tekstboek

Selectie van artikelen en cases

Corporate Governance and Accountability

Vakcode	E_EBE3_CGA ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J.P. Mendoza Rodriguez
Examinator	dr. J.P. Mendoza Rodriguez
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

The goals of this course are:

- To acquire and make use of appropriate terminology related to corporate governance (CG).
- To learn what empirical research says about CG.
- To acquire and make use of tools to properly analyze conflicts of interest and dilemmas.
- To connect accounting practices and corporate misconduct.
- To get a closer look at major corporate scandals.
- To become acquainted with the format and content of CG principles and codes.

Inhoud vak

The course employs an integrated "building-blocks" approach. Each week, a new block covers – but is not limited to – the following topics:

- +Block 1. Terms and concepts: surveys about fraud and misconduct (what's happening now? why is this important?) • defining CG • terminology • identification of main actors involved
- +Block 2. Theory: main theories (agency, resource-dependent / stewardship, stakeholder) • alternative theories (power, culture) • firms' motives to comply • game theory as a tool

- +Block 3. Research findings: how is CG measured? • empirical findings (what does the evidence say?) • limitations, myths, criticism
- +Block 4. Accounting and CG: financial accounting and reporting • detecting fraud • compensation • internal control • enterprise risk management
- +Block 5. Law and CG (guest lecture): legal basics • tasks, responsibilities, liabilities • different models of CG (1 tier, 2 tier) • Dutch CG Code & regulatory framework • principle-based & “comply or explain” models • principles & best practices
- +Block 6. Principles. principles and recommendations • financial crisis (what have we learned?) • future directions

These blocks provide answers to the following questions:

- How is CG understood and defined? How is it measured?
- How does CG relate to accounting practices, internal control, financial reporting, and enterprise risk management?
- How do executive and supervisory tasks of boards relate to strategies of management, monitoring, accountability, and control?
- What are the objectives of CG codes and principles? How do they look like?

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.
(Interim) Assignment(s) – Individual assessment.
(Interim) Assignment(s) – Group assessment.
Mandatory attendance tutorials.

Literatuur

This course covers content from various sources, including:

- research papers;
- media reports;
- in-depth analyses and examples;
- actual CG codes.

All content is freely accessible for students, and available online.

The references are listed in the course "Live spreadsheet"

(<https://is.gd/CG2017>).

Vereiste voorkennis

None.

Creative Writing

Vakcode	L_NNBAALG001 ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. J.H.C. Bel
Examinator	dr. J.H.C. Bel
Docent(en)	dr. J.H.C. Bel
Lesmethode(n)	Werkcollege

Doel vak

Het streven is studenten inzicht te geven in literaire technieken zodat ze zelf fictie of een essay leren schrijven van een behoorlijk technisch niveau. Het

gaat hierbij om fictie of non-fictie. Aan het eind hebben de studenten een

afgeronde (fictionele) tekst geschreven, een kort verhaal, een afgerond romanfragment of een essay.

Studenten krijgen inzicht in hoe fictie en non-fictie

werkt vanuit het perspectief van de maker, zodat ze zich kunnen bekwamen in het vak en de kunst van het schrijven.

Inhoud vak

In een reeks colleges wordt de student uitleg gegeven van verschillende technieken die in fictionele en niet-fictionele teksten worden

aangewend. Dat gebeurt aan de hand van de opgegeven literatuur; verder door middel van oefeningen; en tot slot door middel van het zelf schrijven van een stuk fictie of non-fictie dat elke week in omvang

groeit. Er wordt uitleg gegeven over en geoefend met essentiële literaire technieken en tactieken. De aandachtspunten zijn daarbij:

- literair taalgebruik: wat is dat en hoe werkt dat; wat maakt een metafoor succesvol; hoe zijn verschillende taalregisters (bijvoorbeeld het schakelen van meer verheven taalgebruik naar volkstaal en terug) van invloed op de inhoud van wat wordt verteld;

- literaire details: wat voor details (observaties) zijn effectief in een literaire tekst en hoe werkt dat precies;

- perspectief: wat is dat en hoe werkt het; hoe maakt een schrijver de keuze tussen de ik-vorm en de hij-vorm of waarom kiest hij eventueel voor een ander perspectief;

- het schrijven van dialogen;

- het schrijven van monologen in proza: de monologue intérieur en de stream of consciousness;

- de opbouw van een plot; en tot slot:

- wat is een literair personage.

Onderwijsvorm

De docent geeft gedetailleerde toelichting bij de bovengenoemde onderwerpen. De kennis die de student zo verkrijgt, zal moeten worden toegepast in het verhaal of het romanfragment waaraan de student werkt.

De student krijgt feedback op zijn tekst. De eerste bijeenkomst is inleidend en informerend, tijdens de laatste bijeenkomst worden de verhalen en romanfragmenten ingeleverd (de afgesproken deadline is onverbiddeijk) en wordt er een tentamen afgenomen. De helft van de overblijvende werkgroepbijeenkomsten zal theoretisch van aard zijn en in de andere helft zal praktisch worden ingegaan op de groeiende teksten. Bovendien zullen er tijdens de bijeenkomsten oefeningen worden gedaan op het gebied van de schrijftechniek en zullen er literaire fragmenten worden gelezen, besproken en toegelicht. Bovendien vindt er een excursie plaats naar een literaire uitgeverij.

Toetsvorm

1) Actieve participatie en 80 % aanwezigheid; de student moet mee kunnen discussiëren en er blijk van geven dat hij met inzicht kan praten over de in de oefeningen behandelde schrijftechnieken. Onder actieve participatie wordt ook verstaan dat de student zich aan de opgegeven deadlines houdt en dat hij / zij de tussentijdse (schriftelijke)

opdrachten maakt.

2) Een afgeronde fictionele tekst van ongeveer drieduizend woorden - ook als er sprake is van een romanfragment moet er worden getoond dat er naar een zekere afronding kan worden toegewerkt.

3) Een tentamen waarin fictietechnieken moeten kunnen worden herkend, benoemd en toegepast.

De verdeelsleutel bij het toekennen van het eindcijfer zal zijn:

afgeronde fictionele tekst 60 %; tentamen 40 %. Aanwezigheid (80 %) en participatie (1) moeten voldoende zijn.

Literatuur

Verplicht: James Wood, *How Fiction Works* (Jonathan Cape, London, 2008) of de Nederlandse vertaling *Hoe fictie werkt* (Querido, Amsterdam, 2012); zelf aan te schaffen.

Verder zullen (fragmenten uit) andere boeken worden aangeraden in de loop van de bijeenkomsten.

Vereiste voorkennis

Het eerste deel van het minorcollege *Meesterwerken uit de wereldliteratuur* moet zijn gevolgd.

Doelgroep

De minor staat open voor alle studenten van binnen en buiten de VU.

Overige informatie

Aanwezigheid (80%) en actieve deelname zijn verplicht.

Critical Perspectives on Science

Vakcode	W_CPOS ()
Periode	Periode 1+2+3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. J.M. Halsema
Examinator	dr. J.M. Halsema
Docent(en)	dr. J.M. Halsema
Lesmethode(n)	Werkcollege, Hoorcollege
Niveau	200

Doel vak

- Knowledge of the feminist critique of science, and of critiques of science from the perspectives of race and intersectionality;
- Insight in the way in which these perspectives structure the student's own discipline;
- Developing the skills to critically question texts from the perspective of gender, race, and sexuality.
- Developing writing skills (by getting feedback) and presentation skills.

Inhoud vak

This course introduces diverse critical perspectives upon science that are developed from feminist, race, and intersectionality theory. In the first four weeks, on the basis of key articles in these fields (such as Harding, Haraway, bell hooks, Crenshaw), the different perspectives

will be introduced, as well as the most important debates in these fields that form the backbone of this minor: the sex/gender debate, the problem of the relationship between gender and race theory, the intersectional framework. The course does not only aim at introducing the perspectives theoretically, but also at self-reflection by the students. In two weekly seminars the students will work at relating these perspectives to their own discipline. The seminars aim at developing a critical perspective upon the central texts in the student's discipline. The course will start in the first period and will end in period 3. The seminars will take place every two weeks, during the entire semester. The final course assessment will take place in period 3: students will give a presentation at the closing symposium of the minor and write a paper in which they demonstrate to be able to analyze from the angle of gender and diversity a subject/text/film/book from their own discipline.

Onderwijsvorm

Lectures and seminars (active learning groups).

Toetsvorm

- Three reflections of 500 words (divided over the semester) (30%; 10% for each reflection)
- Presentation at closing symposium (period 3) (10%).
- Paper (end of the minor, period 3), of 2000 words in which the perspectives developed in the minor are related to the discipline of the student (60%).

Literatuur

To be announced on Canvas

Doelgroep

The course is at Bachelor 3 level and open for students from different disciplines.

Current Issues in Migration Law

Vakcode	R_HumRCI (200994)
Periode	Periode 3
Credits	3.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	T.K. Last
Examinator	T.K. Last
Docent(en)	prof. mr. T.P. Spijkerboer
Lesmethode(n)	Leergroep, Hoorcollege, Werkcollege
Niveau	300

Doel vak

Course objectives are:

- To formulate an original research question
- To write a research paper
- To practice peer review
- To relate what is in the news to migration law scholarship
- To develop and express independent and objective opinions on current issues

Inhoud vak

This course invites students to engage critically with a current topic in international and European migration law. Topic areas that have featured in the news in recent months will be recommended, but students must develop their own research question. Previous current issue topic areas include: family reunion, non-refoulement, immigration detention, trafficking, smuggling.

Onderwijsvorm

One lecture on how to relate what is in the news to existing migration law scholarship and introduction to the current issue topic areas on Canvas. Another lecture on how to formulate a research question and write a research paper. Students will also attend one working group session to present their research proposals and peer review others' research proposals. Supervisors will offer office hours to guide students through the writing process if necessary.

Toetsvorm

Written research proposal, presentation of that research proposal, and a final research paper. Students will work in pairs.

Literatuur

Preliminary reading lists will be announced on Canvas for a range of current topics.

Doelgroep

Apart from regular students, the course is also available for:
Students from other universities/faculties
Exchange students
Contractor (students who pay for one course)

Current Issues in Transnational Law

Vakcode	R_CIsTrL ()
Periode	Periode 3
Credits	3.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	prof. dr. G.T. Davies
Examinator	prof. dr. G.T. Davies
Docent(en)	prof. dr. G.T. Davies
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

This course introduces students to selected topics in transnational law which are of particular current importance or interest. Classes are interactive, involving some lectures, but also discussions and exercises. The aim is to help students understand the kinds of law and policy problems which are important at European and International level, and to critically evaluate the responses to these. This prepares the students for advanced courses at masters level, where they may engage with these problems in more detail.

Students will have to read and analyse academic literature and engage in active discussion of current issues, as well as formulating problems and questions in short essay(s). Oral and writing analytic abilities are therefore the major skills advanced in this course.

Inhoud vak

In 2017, the course focused on the following three topics:

- International trade and investment agreements - TTIP
- Problems of the International Criminal Court
- Legal issues of geoengineering

The subjects for 2018 will be announced nearer the time, but will be similarly diverse and contemporary.

Toetsvorm

Short paper and presentation. Attendance is compulsory in order to obtain a grade.

Literatuur

Reading will be placed on Canvas nearer the time.

Aanbevolen voorkennis

Exchange students - basics of EU law and integration, good command of English

Doelgroep

Apart from regular students, the course is also available for:

Students from other universities/faculties

Exchange students

Contractor (students who pay for one course)

Overige informatie

The following course objectives are only available in Dutch:

De afgestudeerde bachelor beschikt over een fundamenteel academisch werk- en denkniveau;

- heeft kennis van en inzicht in de kernleerstukken van de hoofdonderdelen van het geldende recht (in het bijzonder het Nederlandse privaatrecht, staatsrecht, bestuursrecht, strafrecht en internationaal en Europees recht), alsmede de systematiek daarvan, met inbegrip van recente ontwikkelingen
- heeft kennis van en inzicht in het internationale en het Europese recht in hun verhouding tot het nationale recht
- heeft elementaire kennis van Engelse juridische terminologie
- beseft dat het recht zich ontwikkelt en manifesteert in een maatschappelijke context
- heeft kennis van de grondslagen van het (Nederlandse) recht, rechtshistorische en rechtsfilosofische aspecten en heeft besef van de eigen aard van de rechtsbeoefening

De afgestudeerde bachelor beschikt over de volgende (juridische) vaardigheden:

Analytische vaardigheden

- lezen, begrijpen en analyseren van juridische, rechtswetenschappelijke en rechtstheoretische teksten en betogen, waaronder jurisprudentie en wetgeving
- kritisch reflecteren op regelgeving, rechtspraak en literatuur, onder meer vanuit rechtshistorisch, rechtsvergelijkend en rechtsfilosofisch

perspectief; is in staat om te reflecteren op de grenzen van het vakgebied

- reflecteren op de eigen maatschappelijke verantwoordelijkheid in de maatschappelijke context waarin het recht functioneert
- is in staat om juridische argumentatiestructuren te analyseren en op te zetten

Probleemoplossende vaardigheden

- selecteren van juridisch relevante feiten uit een feitencomplex
- selecteren van rechtsregels die bijdragen aan het oplossen van een juridische casus
- oplossen van juridische casus, waaronder begrepen hanteren van een systematische aanpak bij het toepassen van rechtsregels op concrete gevallen

Communicatieve vaardigheden

- schriftelijk presenteren van een (juridisch) betoog in correct en helder Nederlands
- mondeling presenteren van een (juridisch) betoog in correct en helder Nederlands
- een gefundeerde en beargumenteerde positie innemen in een maatschappelijk, juridisch debat
- met anderen samenwerken om een opdracht binnen een voorgeschreven termijn te voltooien

Informatievaardigheden

- op een efficiënte manier juridische bronnen raadplegen en informatie verzamelen uit juridische (digitale) bibliotheken en databestanden, en de waarde, relevantie en kwaliteit van de informatie beoordelen
- op efficiënte wijze relevante ontwikkelingen bijhouden en kennis actualiseren

Data Analytics

Vakcode	E_EOR3_DA ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. R. Heijungs
Examinator	dr. R. Heijungs
Lesmethode(n)	Hoorcollege, Instructiecollege
Niveau	300

Doel vak

This course teaches the students the importance of data analysis as the process of transforming data into useful information in order to support decision making. It equips the students with the tools, techniques and common practices used in the field of data analytics, including how to obtain, manipulate, explore, model, and present data.

Inhoud vak

Data analytics is a booming term that is used for the use of large amounts of data to gain knowledge, to optimize operations, and to explore markets. An example is the use of real-time traffic data to

analyze vehicle movements, to predict congestions, to find the fastest route, and to schedule maintenance operations. Underlying data analytics is a series of methods and tools that include querying databases, using multivariate statistics, and visualizing high-dimensional data. This course will address theoretical and practical aspects in a number of selected topics relating to data analytics.

The following approaches to data analysis will be covered:

- Exploring data
- Preprocessing
- Statistics
- Regression
- Beyond regression
- Classification
- Clustering
- Importing data
- Missing data and outliers
- Validation

We will use flipped classroom approach, in which most of the time will be devoted to in-class working on assignments, helping your fellow students, and discussing suitable approaches.

Onderwijsvorm

Lectures, computer assignments, student presentations

Toetsvorm

Written exam – individual assessment
Individual assignments – individual assessment
Team assignments – team assessment
Participation and attendance – individual assessment

Literatuur

D.T.Larose, Discovering Knowledge in Data: An Introduction to Data Mining, 2nd Edition, Wiley
Extra documents (articles, data sets, weblinks, etc.) will be provided through Canvas

Vereiste voorkennis

Basic course in statistics

Aanbevolen voorkennis

Elementary computer skills, handling spreadsheets or programming

Overige informatie

For doing the in-class work of this course, you are strongly recommended to bring a laptop with internet connection. This may be a Windows, Mac OS or Linux computer, at your choice. It is convenient when you have some of the programs that you can operate (e.g., Excel, SPSS, Matlab, R, etc.) available on this laptop.

Data Analytics and Privacy

Vakcode	R_DAP ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels

Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	dr. mr. M. van der Linden
Examinator	dr. mr. M. van der Linden
Docent(en)	prof. mr. A.R. Lodder
Lesmethode(n)	Hoorcollege, Leergroep
Niveau	300

Doel vak

Data Analytics and Privacy focuses on the role of fundamental rights and legal principles in the regulation of business analytics and data science, with a general focus on the right to privacy. The student will learn and understand the ethical and legal aspects of business analytics and data science. The student will be able to analyze the role of fundamental rights and legal principles in the regulation of these issues. The student will be able to deal with the similarities and differences between legal admissibility and ethical acceptability when working with large datasets and the application of the outcomes of the analysis.

Inhoud vak

In the field of business analytics and data science the opportunities seem endless. Perfect enforcement of norms, excellent personally targeted advises and advertments. Outcomes of data analytics can even preceed what's on a man's mind: the cab arrives at the moment you did not even know yet you needed it, the packages are already posted before you ordered them, or the criminal behavior is predicted before it takes place. This course obviously is not about the possibilities, but about the limits we as a society want to put on those possibilities. The legal and ethical standards for this area have not yet been crystallized, but in general fundamental rights and ethical principles are well known. This course also explores the boundaries between legal admissibility and ethical responsibility.

Onderwijsvorm

Lectures, tutorials, peer review

Toetsvorm

Paper, presentation

Literatuur

Made available via Electronic Learning environment

Doelgroep

Apart from regular students, the course is also available for:
 Students from other universities/faculties
 Contractor (students who pay for one course).

Debates in Consulting Research

Vakcode	E_IBK3_DCR ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics

Coördinator	dr. L.C. Noury
Examinator	dr. L.C. Noury
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

By following this course, you advance scholarly knowledge and skills within consulting, which goes beyond introductory courses. Next to that you study the course literature and develop a well-informed overview of the general field by reviewing the method and content of your fellow student's work. You further provide recommendations that aim at helping to improve the work of your peers. These research skills constitute an essential basis for writing a Bachelor Thesis in management consulting, an essential basis for the master specialization in management consulting, and a preparation for consultant practice.

Knowledge skills: Recognize, understand, construct, and critically assess positions in scientific debates expressed in the literature on management and consulting.

Research skills: Conduct literature search and literature review on topics that are prevalent in the context of consulting and consulting research.

Academic skills: Independently develop and deepen your own well-substantiated positioning in relation to a particular contemporary debate based on the literature.

Social skills: Critically review the work of peers and suggest improvements.

Inhoud vak

Building on an introduction on management consulting as provided in the integrative courses (BK/IBA) and related courses, students will explore and deepen their knowledge of classical and contemporary scientific debate in management consulting by means of a literature study. In this way, the course will advance the students' ability to develop a well-informed position in a scientific debate on:

- Consultants and their role in the diffusion of management knowledge
- Consultants and their role in managing resistance to change
- CSR consultants and their impact on the implementation of a management idea such as CSR in practice
- Complementary and conflicting consultant roles in the consultant-client interaction
- Consultants and their role in supporting strategic decision making

After some introductory lectures on these debates students are allocated one debate and work on papers related to this debate by further literature search. They prepare for a mini-conference in which papers will be presented and reviewed. Based on the on mini-conference, students can improve their papers.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

To be announced later.

Literatuur

This course is article based.
Readings will be announced in the course manual

Aanbevolen voorkennis

For BK:

1.3 Academic Skills, 1.6 Integration project), 1.2 Organization Theory
2.2 Strategy; 3.4 Foundations of Strategic Management.

For IBA:

1.3 Academic Skills; 1.2 Organization Theory; 2.3 International
Strategy; 2.6 integrative Research Project; 3.4 Foundations of Strategic
Management.

Overige informatie

For any question please contact the course coordinator Dr. Lucie Noury:
l.noury@vu.nl

Decolonizing Europe

Vakcode	L_GCBAALG008 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	M.P. Groten
Examinator	M.P. Groten
Docent(en)	prof. dr. S. Legene, M.P. Groten
Lesmethode(n)	Werkcollege, Hoorcollege
Niveau	300

Doel vak

Decolonizing Europe has both historical and methodological learning objectives. After the course, participants...

1. Have a good understanding of the main approaches to the postwar history of the European nation state and are able to situate leading historians in the historiographical debate on decolonization and postcolonialism
2. Are able to critically review (both in writing and speaking) a monograph and to develop, both orally and in writing an argued opinion about the issue addressed by the author(s)
3. Have been challenged to reflect on the own 'subject position' and explore the theme from various perspectives while acknowledging different experiences with respect to European postcolonial society.

Inhoud vak

The course focuses on the impact of European imperialism on the dynamics of nation state formation within 'Postwar Europe'.* While all around the globe countries became independent, what did that mean for Europe itself? Students will come across at least three developments that played a major role in the repositioning of Europe in the international arena after colonialism:

- The reordering of European national states in East and West and the impact of the Cold War
- The changes within Europe and between Europe and the 'Third World' as a result of decolonization.

- The gradual European integration process and, simultaneously, the emergence of major ambiguities within separate nation states concerning the concept of multicultural society.

The course investigates these developments with particular attention to a better understanding of colonialism as a history with a deep influence on notions of belonging, inclusion and exclusion with respect to citizenship at national and European level. Against the backdrop of a political history, this course will discuss how historians, philosophers, activists, politicians, have approached this history within a national, European or global frame of reference.

* Tony Judt, *Postwar, A history of Europe since 1945*. New York, 2005.

Onderwijsvorm

Two introductory lectures (week 1 and 2) supported by common reading assignments, week 3 individual assignment to write a summary and discuss a monograph selected from the course list or at your own suggestion, followed by a guest lecture in week 4; as from week 5-7 intensive sessions focusing at the topics addressed in the selected monographs. In week 8 the course ends with a forum discussion organized by the participants.

Toetsvorm

Mandatory: attendance of the seven plenary sessions and final forum discussion.

Grading elements:

1. pro-active role in class, including class notes or other prep. assignments 30%;
2. Monograph: summary and discussion paper (2.000 words) 40%;
3. ppt. presentation and discussion in class about topics addressed in the reviews 20%.
4. Contribution to final forum discussion 10%;

Instructions and criteria for the assessment of the summary and discussion paper on a selected monograph will be included in the full course description.

In order to be able to finish the course, each grading element per se has to be satisfactory. If failed, the paper can be re-submitted.

Literatuur

An extensive list will be published in the full course description. The following titles will be used as common reference works:

- Elizabeth Buettner, *Europe after Empire. Decolonization, Society, and Culture* (Cambridge, Cambridge UP, 2015)
- Jan C. Jansen & Jürgen Osterhammel, *Decolonization: A Short History* (Translated by Jeremiah Riemer Princeton, Princeton UP, 2017) (or German edition)

Vereiste voorkennis

Students will need a sufficient background in contemporary history, either at a general level, or specifically concerning the history of their own country, region, continent of origin.

Aanbevolen voorkennis

It is strongly advised to read Jansen/Osterhammel before class starts.

Doelgroep

As from the start, the course will be at 300 level and require a dedication to reading a lot. The course aims at History students in their BA3-minor semester and at those students from other disciplines who follow the full History minor-program. Other international exchange

students and students from other disciplines, University colleges and VU-faculties with a sufficient level of historical knowledge, can participate after permission by the course coordinator.

Intekenprocedure

The maximum number of participants for this module is 25 students. Make sure that you register in time.

Overige informatie

Full course title:

Decolonizing Europe - Perspectives on Post-WW2 State Formation and the Cold War

Democracy: A History

Vakcode	L_GABAGES212 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. D.B.R. Kroeze
Examinator	dr. D.B.R. Kroeze
Docent(en)	prof. dr. C.A. Davids, dr. F.D. Huijzendveld, dr. D.B.R. Kroeze
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Improve knowledge of the historical development of democracy and of democratization in history. Improve understanding of differences between classic, early modern and modern understandings of democracy. Being able to critically reflect on normative thinking in academic and political debates. Being able to formulate an independent opinion on historical and contemporary issues related to democracy.

Inhoud vak

Since the end of the eighteenth century 'democracy' slowly but steadily has become more popular. Democracy as a mode of government and the word 'democracy' itself has by leaps and bounds found acceptance in many parts of the world. Democracy has become the standard or the rule, while other modes of government are considered as deviations or exceptions. How and why has this evolution occurred in Europe and in other parts of the world? What sorts of changes or continuities can during this prolonged evolution be discerned in the concept of 'democracy', and how can we critically assess the dominant position of democracy? Answers to these questions will be presented by giving an overview of the historical development of democracy since the time of the Athenian democracy, the 'Atlantic Revolutions' of around 1800, and the rise, fall and rise in the era around the World Wars. The history of democracy will be related to theories about democracy and democratization. The main emphasis will be on the Western and European history of democracy but guest lecturers will also discuss the non-Western development of democracy.

Onderwijsvorm

Lectures and discussion.

Toetsvorm

Midterm and final exam.

Literatuur

Roger Osborne, Of the people, by the people. A new history of democracy (2011); D. Held, Models of Democracy (2006; 3 edition); articles and book chapters (to be announced).

Vereiste voorkennis

First year completed.

Doelgroep

Students BA2 Geschiedenis/ History; Dutch students and exchange students with a Humanities or Political Sciences profile.

Overige informatie

This course is obligatory in the second year.

Designing Interventions in Business and Society

Vakcode	E_BK3_DIBS ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. I.J.C. Leijen
Examinator	drs. I.J.C. Leijen
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

Knowledge: You will obtain knowledge on the design of interventions aimed at influencing behavior as well as on the ethical aspects when adopting influencing tactics. Moreover you will learn about theoretical basis of human happiness

Bridging Theory and Practice: You will make use of theoretical knowledge and concepts with regard to happiness, understanding and influencing human behavior,

and apply these to real-world challenges, while focusing on the various stakeholders that are involved (co-workers, other organizations, consumers & citizens).

Social Skills: You will work in teams to plan and develop an intervention, which will help you develop many of the “soft skills” that are needed to collaborate with others and achieve challenging goals.

Inhoud vak

This integrative project is the capstone course of the minor “Understanding and Influencing Decisions in Business and Society”. The course evolves around the use of theories, tactics and insights in

consumer behavior, nudging, leadership and negotiations to design interventions that ultimately could make people more happy. After a brief introduction in which you get acquainted with some of the methods for designing interventions, you start working on an intervention that addresses one of the real-world challenges that will be selected for this course. In this project, you will touch upon (1) design, (2) implementation, and (3) testing/evaluation phases by the development of an action plan. Because this is an integrative course, your intervention will be a multi-disciplinary endeavour, combining for example the insights on leadership with those on judgment and decision making, or combining nudges with negotiation skills. You will work in teams, and present your interventions, which will be judged on both academic and managerial quality. In the other courses of the minor you have acquired a lot of knowledge on strategies how people can be influenced. As influencing people is surrounded with ethical dilemmas we will also give attention to the ethical aspects of such tactics.

Onderwijsvorm

Lectures and small-group tutorials

Toetsvorm

Team project – group assessment
(Interim) exam – individual assessment

Literatuur

TBA, a literature list based on scientific articles will be provided on the electronic learning environment

Vereiste voorkennis

All courses of period 1 & 2 in the minor "Understanding and Influencing Decisions in Business and Society"

Aanbevolen voorkennis

All courses of period 1 & 2 in the minor "Understanding and Influencing Decisions in Business and Society".
Well-trained in academic method and thinking (i.e., with an academic bachelor).

Designing Solutions for Global Sustainability

Vakcode	AB_1231 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. P.J.H. van Beukering
Examinator	dr. P.J.H. van Beukering
Docent(en)	dr. P.J.H. van Beukering, dr. ir. M.G. van der Meij
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Development and Globalization

Vakcode	S_DG ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	prof. dr. D. Dalakoglou
Docent(en)	prof. dr. D. Dalakoglou
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

The aim of this course is to introduce students to development sociology and more in particular to gain insight into issues of poverty, global inequality and development. Students will develop an anthropological perspective on developmental issues in the Global South.

Learning Objectives

Knowledge and Understanding. The student has acquired knowledge and understanding of:

(1) the development and globalisation related phenomena and their global effect on health, gender, urbanisation, migration, etc.

Application. The student has acquired the competences to:

(2) understand and analyse the historical, sociocultural and political dimensions of international development and globalisation and their role in shaping contemporary world.

Attitude. The student demonstrates:

(3) a critical attitude towards ideas on globalisation and development.

Inhoud vak

The development of a capitalist economy in the North and the ongoing, global restructuring of the economy have impacted on economic and social development of the global South. Policies of states, supranational development agencies, and local NGOs to raise the standard of living in the so-called less developed countries have not attained the success levels hoped for. In fact, growth-oriented policies may have negative side effects, such as increased inequality, both within and between states, and ecological degradation. In this course, we analyse the interactions between (inter)national stakeholders and local populations, substantiating how particularly the so-called "poor" people experience inequality and poverty. We also highlight potential and experienced gaps between intentions and outcomes of development policies and look at what anthropology can contribute to 'development' debates and policy implementation.

Onderwijsvorm

Lectures.

Toetsvorm

Final exam.

Literatuur

To be announced on CANVAS

Doelgroep

2nd year bachelor students in Cultural Anthropology and Development

Sociology

Students in the minor Development and Global Challenges

Students in the minor Anthropology

The course is also open as an elective course

Development of Macroeconomic Thought

Vakcode	E_ME_DMT ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. C.A. Davids
Examinator	prof. dr. C.A. Davids
Docent(en)	prof. dr. C.A. Davids, J. Chen MPhil
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

The objective of this course is to introduce core concepts and theories of modern macroeconomic analysis including their development within the economic and social context of the past centuries.

Specific learning outcomes upon completion of this curricular item are:

- understanding of macroeconomic theories about growth, inequality and unemployment within their historical contexts;
- a basic knowledge of core macroeconomic concepts
- familiarity with recent empirical macroeconomic work on growth, inequality and unemployment.

Inhoud vak

The course starts with discussing the historical development of macroeconomic theories about growth, inequality and unemployment.

Next the course proceeds with the introduction of core macroeconomic concepts and theories including illustrations from recent empirical macroeconomic work on growth, inequality and unemployment:

- Circular flows and national accounts;
- Aggregate incomes and inequality;
- Growth accounting: labor productivity, technological progress, human capital, Solow model;
- Institutions and economic development;
- Unemployment: measurement, types, costs of unemployment, wage rigidity.

Onderwijsvorm

Lectures and tutorials

Toetsvorm

Grade is average of problem sets (30 %) and written examination (70%), with written exam grade of at least 5.0.

Literatuur

Acemoglu, Daron, David Laibson and John A. List, 2016, Economics, Harlow, Essex, Pearson Education Ltd. ISBN 13: 978-1-292-07920-2, incl. access code MYECONLAB.

Vereiste voorkennis

Basic knowledge of math and statistics, as provided in the academic core of any academic program at the Vrije Universiteit Amsterdam or equivalent.

Doelgroep

Remarks: this course is an integral part of the University Minor Economics; participants gain strongly from attending the entire minor program.

Digital Humanities and Social Analytics in Practice

Vakcode	L_AABAALG048 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. L.M. Aroyo
Examinator	dr. L.M. Aroyo
Docent(en)	dr. L.M. Aroyo
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

The goal of the course is to get acquainted with digital humanities research, by collaborating in current project through an intensive internship of one month. Students learn to put digital theory into practice, applying the knowledge gained from previous minor courses to a real-world project.

Inhoud vak

Throughout the Digital Humanities minor, you have learned about the field of digital humanities, you have engaged in critical reflection on the tools and methods used, and explored the way digital techniques influence current research. The goal of the course is to put theory into practice, applying the knowledge gained from the minor to a real-world project. The course is set up as an internship at a current digital humanities project. Students can choose a digital humanities project that is close to their field of study and interest, The projects are housed by cultural heritage institutions, or research labs. You will be guided by one tutor from UvA or VU and one cultural heritage professional. Through these intensive "collaboratories" students learn practical application of digital humanities knowledge, tools and methods.

Onderwijsvorm

Project-based learning. Group work, weekly tutor meeting per group, final group presentation.

Toetsvorm

Final grade is based on assessment of (1) final report, (2) final presentation, (3) self-assessment, (4) final product.

Literatuur

Depending on the chosen project, t.b.a.

Vereiste voorkennis

The Digital Humanities minor is an interdisciplinary minor, welcoming both computer science students and humanities students of all disciplines: linguistics, media, communication, history, literature and arts. In order to participate in the course "Digital Humanities in Practice" you have at least completed two courses of the minor, as this course is set up as a practical application of knowledge, tools and methods discussed in the previous courses.

Doelgroep

Minor Digital Humanities, BA Media and Information (UVA), BA specialisation e-humanities

Intekenprocedure

For UvA students: For registering for the VU-courses, you need to enrol as a guest student at VU for the BA History.

Read how to in Dutch:

<http://www.vu.nl/nl/opleidingen/toelating-en-inschrijving/bijvakken>

or in English: <http://www.vu.nl/en/programmes/short/secondary/index.aspx>

Overige informatie

This module is taught at the VU. Module registration at the VU is required.

Digital Marketing and Metrics

Vakcode	E_EBE3_DMM ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. Sotgiu
Examinator	dr. F. Sotgiu
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

During this course, you will develop an in-depth understanding of online marketing from a theoretical, analytical and practical perspective (Academic Skills). Building on the knowledge of Marketing II, this advances your knowledge on how to strategically design online marketing activities, and also how to analyze and evaluate the effectiveness of these online marketing activities (Knowledge,

Quantitative Skills). Moreover, you will apply this knowledge and skills in a real-life setting, enabling you to translate and apply theoretical knowledge into practice (Bridging Theory and Practice).

By the end of this course you will be able to:

- identify the right metrics and methods to evaluate online marketing activities;
- assess qualitatively and quantitatively online marketing strategies and tactics;
- identify which activities are more effective and why;
- use the information obtained to build an effective digital marketing strategy.

Inhoud vak

In the past decade, the Internet has caused fundamental changes in the way we live, learn, and do business. For marketers, the intense use of digital media, and the widespread adoption of smartphones has truly revolutionized the way marketing 'is done'. More than ever before, word of mouth and consumer communities are considered important market forces that influence consumer decision-making all along the purchase process. Moreover, companies are increasingly adopting a business logic based on co-creating value propositions with customers. Marketing, as a function that is closest to the consumer, plays a key role in giving shape to this new era in business management. With today's consumers continuously connected online, it is imperative for marketing managers to monitor the customer journey online in order to fully understand the impact of their marketing activities and plan successful new online marketing strategies. However, in the era of big data, managers often do not know which metric to focus on and how to extract valuable information from the data at hand.

By the end of this course, you will be able to assess qualitatively and quantitatively online marketing strategies during three important moments of the customer journey online: (1) Product search; (2) Purchase; (3) Post-purchase. For each moment, you will identify which factors play a bigger role in influencing consumers' attitude and behaviour, based on the literature and your own analyses. You will also be able to use the information obtained to evaluate the ROI of digital marketing and social media campaigns and build a successful online marketing strategy.

Onderwijsvorm

Lectures.

Tutorials.

Toetsvorm

(Interim) Assignment(s) - Group assessment.

Exam - Individual assessment.

Literatuur

Articles, cases, lecture slides.

The reading list will be announced on Canvas.

Vereiste voorkennis

None.

Aanbevolen voorkennis

Marketing I and Marketing II.

Overige informatie

The lectures are interactive.

Digitization: from Life to Data (UvA)

Vakcode	L_AABAUVA008 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. H.M.E.P. Kuijpers
Lesmethode(n)	Werkcollege
Niveau	200

Doel vak

At the end of this course the student is able to:

- understand the complexity and challenges of (global) data developments.
- understand the relevance of data-oriented research for humanities and social sciences.
- apply their knowledge by developing their own research projects.
- apply various computational techniques such as structuring and parsing digital data.
- critically reflect on the implications of the selection, structuring and manipulation of data for the outcome of their work.

Inhoud vak

The humanities and social sciences are confronted with more and more digital material. Digital methods allow researchers to study relations between objects from a different perspective and on a larger scale. How can humanities researchers and social scientists use digital data to support their research? What are the digital tools at their disposal and how can these tools provide new perspectives and research questions? This tutorial looks at the Humanities from a data-oriented perspective; it introduces students to the different stages of data-driven research in the Humanities: how to obtain data (e.g. scraping), extract information (parsing), and find patterns (mining). Students will apply their knowledge of these techniques (and their associated tools) by developing their own research project.

Onderwijsvorm

Tutorial

Toetsvorm

Assignments and final paper. For dates and deadlines see the timetable and/or the course manual.

Literatuur

All material will be made available via Canvas.

Doelgroep

This course is part of the UVA/VU Minor Digital Humanities and Social Analytics

<https://minor.vu.nl/nl/minoren/digital-humanities-and-social-analytics/i>

Intekenprocedure

Module registration at the UvA is required. Note that registration will take place from 13 juni t/m 27 juni.

For more information see:

<http://coursecatalogue.uva.nl/xmlpages/page/2017-2018-en/search-minor/pr>

or: Onderwijsadministratie BG2 +31 20 5254952

Overige informatie

This module is taught at the UvA, Capacity group Media Studies, dr. K. Beelen (coördinator)

E-Commerce Supply Chain Management

Vakcode	E_IBA3_ESCM ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. S.L.J.M. de Leeuw
Examinator	prof. dr. ir. S.L.J.M. de Leeuw
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

- Academic Skills:

This course furnishes you with the ability to recognize and analyze fundamental structures and starting points of e-commerce supply chains and to formulate management conclusions for improvements in ecommerce supply chains.

- Quantitative Skills:

You will study methods to analyze the performance of e-commerce supply chains

- Bridging Theory and Practice:

Students will be exposed to four parts of the supply chain in this course: (1) warehousing, (2), multi-channel fulfilment, (3) transportation in the last mile, and (4) returns management.

You will study stylized cases and analyze a real-life case study; we will include guest lectures and a company visit to an ecommerce warehouse.

- Social Skills:

You will analyze and develop solutions for stylized case problems in teams and present that in teams.

Inhoud vak

E-commerce retail has shown a consistent double-digit growth over the last years. It is generally recognized that the delivery of parcels to consumers is pivotal The Netherlands, while being recognized as a world leader in logistics according to the Logistics Performance Index, is best in class on several aspects of ecommerce supply chains including short delivery lead-times and late order cut-off times. The EU has formulated a bold target to achieve 20% of all EU online retail via

cross border retail by 2020. This provides enormous challenges and particularly in the supply chain.

In this course we address key themes in managing the supply chain of online transactions. We start this course with the consumer. We start with discussing consumer preferences related to logistics options in the ecommerce supply chain. We then review facility location and design literature and consecutively discuss inventory management and inventory pooling. We will pay attention to sustainability in managing ecommerce supply chains and to a method to benchmark fulfillment centers.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written exam - Individual assessment
Assignments - Group assessment

Literatuur

Readings will be announced via Canvas

Aanbevolen voorkennis

Bachelor BK SCM 1 or similar

Econometrics I

Vakcode	E_EOR2_TR1 ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide
Examinator	dr. L.F. Hoogerheide
Docent(en)	prof. dr. S.J. Koopman, dr. C.S. Bos, dr. F. Blasques Albergaria Amaral, prof. dr. J.R. Magnus
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Getting acquainted with the concepts, theory, methods and techniques from econometrics. Most importantly, the introduction of regression, testing and maximum likelihood will be covered.

Inhoud vak

Topics include

- Simple linear regression
- Hypothesis testing
- Finite-sample and asymptotic properties
- Multiple regression and its matrix algebra
- Inference : estimation and testing
- Maximum likelihood

Onderwijsvorm

2 x 2 hours of classes per week.

Toetsvorm

Intermediate exam – Individual assessment
 Final exam – Individual assessment
 Individual assignment - Individual assessment

Literatuur

J.H. Stock and M.W. Watson (2012), Introduction to Econometrics. 3rd edition.
 J.R. Magnus (2017). Introduction to the Theory of Econometrics, VU University Press.

Aanbevolen voorkennis

Linear Algebra, Analysis II, Statistics

Econometrics II

Vakcode	E_EOR2_TR2 ()
Periode	Periode 4+5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide
Examinator	dr. L.F. Hoogerheide
Docent(en)	dr. L.F. Hoogerheide
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Acquainting the student with misspecifications in the linear regression model and extensions of the linear regression model.

Inhoud vak

Topics include:

- Heteroskedasticity
- Instrumental variables and endogeneity
- Misspecification: non-linearity and dummy variables
- Regression models with time series data and serial correlation in the errors
- Strict and contemporaneous exogeneity
- Binary data: logit/probit models
- Multinomial data: ordered logit/probit model, multinomial logit model.
- Censored/truncated data: tobit models
- Non-normality
- Bootstrap methods

Onderwijsvorm

2 x 2 hours of classes per week.

Toetsvorm

Intermediate exam – Individual assessment
 Final exam – Individual assessment
 Individual assignment - Individual assessment

Literatuur

Wooldridge (2013), Introductory Econometrics, A Modern Approach, 5th international edition.

Aanbevolen voorkennis

Econometrics I, Linear Algebra, Analysis II.

Econometrics III

Vakcode	E_EOR3_TR3 ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Schaumburg
Examinator	dr. J. Schaumburg
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Obtaining basic understanding of multivariate dynamic linear modeling and time series analysis and panel data. Understanding the introductory theory and practice of econometric analysis of stationary and non-stationary multivariate stochastic processes and panel data.

Inhoud vak

Econometrics III provides an introduction to multivariate dynamic models and time-series analysis. The course covers both theoretical and practical aspects of time-series econometrics including analysis of multivariate stationary and non-stationary processes, vector autoregressive (VAR) models, vector error correction models (VECMs), and cointegration tests. The course also introduces panel data models, methods and techniques.

Onderwijsvorm

4 hours per week of lectures, 2 hours per week solving/discussing both theoretical and practical exercises

Toetsvorm

Exam (80%) and practical assignment (20%)

Literatuur

J.D. Hamilton, Time Series Analysis (1994), Princeton University Press
 H. Lütkepohl, New Introduction to Multiple Time Series Analysis (2006), Springer
 K. Juselius, The Cointegrated VAR Model: Methodology and Applications
 B.H. Baltagi, Econometric Analysis of Panel Data (5th Edition, 2013), Wiley

Vereiste voorkennis

Basics of statistics, probability, econometrics, algebra, and calculus

Overige informatie

The course is suitable to be taken in an exchange program.

Economic Assessment of Health Care

Vakcode	E_EBE3_EAHC ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. M.W. van Tulder
Examinator	prof. dr. M.W. van Tulder
Lesmethode(n)	Hoorcollege, Werkcollege, Computerpracticum
Niveau	300

Doel vak

Learning objectives for this course are:

Academic skills

- the student is able to conduct a basic statistical analysis for an economic evaluation within a structured assignment;
- the student is able to coherently report findings from an economic evaluation in a written report.

Research skills

- the student is able to design a basic economic evaluation alongside a randomized controlled trial;
- the student is able to correctly interpret and report the findings from an economic evaluation alongside a randomized controlled trial;
- the student is able to critically assess a published economic evaluation.

Quantitative skills

- the student is able to perform a basic cost-effectiveness analysis (Incremental Cost-Effectiveness Ratio, bootstrapping, cost-effectiveness plane, cost-effectiveness acceptability curve) within a structured assignment.

Knowledge

- the student is able to explain why economic evaluations are fundamental for making allocation decisions in health care;
- the student has basic knowledge on the design, analysis, interpretation and reporting of economic evaluations.

Bridging theory and practice

- the student is able to formulate a reimbursement decision based on the knowledge obtained from an economic evaluation.

Inhoud vak

At the end of this course, you know the basic essentials of economic evaluations of health care processes and health care technology. You will be able to make an informed choice between a trial-based and a model-based approach. The limitations of economic evaluations will be clear and they can be taken into account in designing a specific evaluation project. You will be able to critically assess the results of cost-effectiveness studies conducted alongside a randomized controlled trial, and

you will be able to interpret and use information from published economic evaluations.

Onderwijsvorm

Lectures: 12 * 2 hours = 24 hours

Tutorials (including computer practica): 5 * 4 = 20 hours, at least 75% of the tutorial should be attended by the student

Toetsvorm

Written exam: individual assessment, 60% of the final grade, minimum required 5.5

Assignments: group assessment (groups of two students), 40% of the final grade, minimum required 5.5, maximum grade resit 6.5

Literatuur

Selected literature will be available in Canvas.

Vereiste voorkennis

None

Aanbevolen voorkennis

None

Doelgroep

Third year BSc students doing the minor Health Care Management

Economics

Vakcode	E_BK1_ECON ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. M. Lindeboom
Examinator	prof. dr. M. Lindeboom
Docent(en)	dr. H.G. Bloemen
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	100

Doel vak

Academische vaardigheden

De studenten leren een economisch probleem te doorgronden en te vertalen naar een economisch kader/model en vervolgens om het probleem met behulp van dit kader te analyseren.

Kwantitatieve vaardigheden

De studenten zijn in staat om met behulp van wiskundige methoden de economische modellen op te lossen.

Vakkennis

De studenten worden bekend gemaakt met de betekenis van het vak economics en een aantal belangrijke theorieën binnen de micro- en de macroeconomie. De student zal ook leren onder welke aannamen en omstandigheden de theorie werkt en niet (of minder goed) werkt.

Algemene ontwikkeling

Economische vraagstukken komen dagelijks aan de orde in de media. De student wordt geconfronteerd met deze vraagstukken en leert ze te herkennen als een economisch probleem en krijgt een indruk van het soort actuele vraagstukken die met behulp van het economisch instrumentarium kunnen worden geanalyseerd

Specifieke leerdoelen

Na afronding van dit vak is de student in staat om:

- Economische problemen te analyseren en te doorgronden vanuit het perspectief van zowel vragers en aanbieders op de markt, als van de overheid
- Een economisch probleem op een abstracte wijze te vertalen naar een abstract economisch model
- Op logisch-consistente wijze te argumenteren welke veronderstellingen leiden tot welke conclusies, en omgekeerd, inzien dat bepaalde conclusies onderliggende veronderstellingen vereisen
- Heeft de student een gedegen basiskennis van de neo-klassieke theorie van de consument en de onderneming.
- Kent de studenten enkele basismodellen uit de macro-economie, zoals de aggregate demand/aggregate supply curven, het IS/LM model, en groeitheorieën
- Weet de student wat de rol is van financiële markten, wisselkoersen en internationale handel
- Actuele berichten over de economie, maar ook actuele cijfers en ramingen te interpreteren en te koppelen aan de instrumenten van analyse die een econoom ter beschikking staan

Inhoud vak

Economie gaat in essentie om de allocatie van goederen en diensten, met de markt als het belangrijkste allocatie mechanisme. De spelers op deze markt zijn de consumenten en de bedrijven en het is hun gedrag dat economie bestudeert. De omvang van de markt en het aantal bedrijven in de markt bepaalt de mate waarin een bedrijf een markt kan controleren (marktmacht), de prijzen, de verhandelde hoeveelheden en het consumenten welzijn. Soms lopen de belangen van bedrijven niet parallel met het maatschappelijk belang en kunnen markten falen. In dit soort gevallen kan er een rol zijn voor de overheid om in te grijpen en te corrigeren. Een bedrijf produceert goederen en diensten, maar is ook een werkgever. Binnen een bedrijf wordt de inzet van werknemers en managers in een belangrijke mate bepaald door de prikkels van het beloningssysteem. In de economie wordt daarom ook bestudeerd hoe beloningssystemen het gedrag van werknemers beïnvloedt en op welke wijze de beloningsstructuur kan worden ingericht zodat dit tot optimaal gedrag van werknemers en managers leidt. Een bedrijf opereert in een bepaalde markt, maar deze markt moet ook weer gezien worden als een stukje van de economie op macro niveau. Daarom bestudeert de economie ook vraagstukken als de rol van de internationale financiële markten, internationale handel en economische groei en innovatie.

Onderwijsvorm

Hoorcolleges, instructiecolleges en werkcolleges

Toetsvorm

tussentijdse toetsen – individuele beoordeling
tentamen – individuele beoordeling
verplichte aanwezigheid werkcolleges

Literatuur

Geselecteerde hoofdstukken uit:

- Managerial Economics and Business Strategy, Baye & Prince.

McGraw-Hill, 2013

- Principles of Economics. Third European Edition, McDowell, Thom,

Pastine, Frank, Bernanke. Mc Graw-Hill, 2012

Voor deze cursus is een speciale editie samengesteld met geselecteerde hoofdstukken uit deze boeken. Deze is verkrijgbaar bij de VU Boekhandel als:

- Economics for Business, McGraw-Hill, ISBN 9781308266978

Aanbevolen voorkennis

Business Mathematics

Economics and Politics for Food and Nutrition Security

Vakcode	E_MG_EPFNS ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. G.J.M. van den Boom
Examinator	drs. G.J.M. van den Boom
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Economics of Globalization: A Transaction Cost Perspective

Vakcode	E_HP1_EGTC ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. H.L.F. de Groot
Examinator	prof. dr. H.L.F. de Groot
Docent(en)	prof. dr. H.L.F. de Groot
Lesmethode(n)	Hoorcollege
Niveau	300

Inhoud vak

Globalization is an important source of welfare, but at the same time heavily contested in modern societies. This course elaborates on the costs and benefits of globalization introducing modern non-mainstream theories that at points challenge the traditional wisdom regarding the benefits of globalization and helps to understand the prevailing sentiments against globalization. We will heavily rely on insights from transaction cost theory which challenges the neglect in traditional neoclassical theory of transaction costs. The (oftentimes implicit) reliance in mainstream trade theory on frictionless trade is surprising for theories in which exchange is at the heart of the matter. This course aims to familiarize you with the concept of transaction costs and

to show the relevance of transaction costs for understanding several of the empirical phenomena that are impossible to understand without relying on such costs. Insights are particularly relevant to appreciate current discussions on the impact of globalization on a small open economy such as the Netherlands. Think, for example, about recent discussions on reshoring and the impact of globalization on wage inequality and unemployment. The course will focus on four main areas of research in which transaction costs are dominant, viz. (i) international trade with a focus on the multiple dimensions of transaction costs distinguishing between transport costs, institutional costs and cultural costs of exchange, (ii) foreign direct investments with a focus on outsourcing and the organization of the firm in a globalizing world, (iii) industrial organization with a focus on the determinants of the boundaries of the firm, and (iv) networks with a focus on the role of social and regional networks, and on standards as institutionalized settings that facilitate exchange of goods, ideas, etc.

Onderwijsvorm

Six weekly interactive lectures of 3-4 hours in the early evening.

Toetsvorm

Individual paper and presentation.

Literatuur

An extensive reading list is made available at the start of the course.

Aanbevolen voorkennis

Basic familiarity with the principles of economics and statistics.

Doelgroep

Second and third year participants in the honours program.

Intekenprocedure

SBE rules and dates apply for this SBE HP course. Registration via VUnet.

Economics of the Dutch Health Care System

Vakcode	E_EBE3_EDHCS ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. F.R.M. Portrait
Examinator	dr. F.R.M. Portrait
Docent(en)	dr. F.R.M. Portrait, dr. A.H.E. Koolman, B.H. Salampessij MSc
Lesmethode(n)	Hoorcollege, Werkcollege, Computerpracticum
Niveau	200

Doel vak

At the end of the course you can:

- explain the trend in health care expenditures in The Netherlands (Bridging theory and practice);
- apply health economic theory to analyze and evaluate the recent

developments in the Dutch health care market for cure, the Dutch long-term care market ("care") and the disability insurance market (Knowledge; Bridging theory and practice);

- understand the role of the government in the Dutch care markets (Bridging theory and practice);
- identify and understand the most important issues within the Dutch care system and evaluate already implemented or future solutions (Research skills; Broadening your horizon);
- understand and apply economic concepts to measure and interpret the (relative) efficiency of healthcare providers (Knowledge, Bridging theory and practice).

Inhoud vak

Health care economics is concerned with the provision of, and demand for, health care. We will discuss the relevant economic theories and concepts that are necessary to understand the working of the (Dutch) health care markets: the market for cure, the market for care and the market for disability insurance. During the course students will study how policy makers try to achieve the policy objectives of high quality, affordable and accessible care in the Netherlands. Dutch health care institutions and current regulations will be presented.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

One written exam – individual assessment.
Two take-home assignments – group assessment.

Literatuur

Eric Schut and Marco Varkevisser (2012): Economie van de gezondheidszorg, Reed Business (vijfde druk).

Vereiste voorkennis

None.

Aanbevolen voorkennis

None.

Educatieve Minor Didactiek 1

Vakcode	O_EMDID1 ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	ir. E.J.F. Scheringa
Examinator	ir. E.J.F. Scheringa

Docent(en)	ir. E.J.F. Scheringa, drs. J.K.W. Riksen, drs. H.R. Goudsmit, drs. Y.G. Meindersma, drs. I. Pauw, drs. C.D.P. van Oeveren, drs. S. Donszelmann, drs. B. Klein, drs. W. Jongejan, drs. L.J. van Well-van Grootheest, dr. H.B. Westbroek, C.L. Geraedts, dr. A.A. Kaal, dr. A. Handelzalts, drs. A.J.C. Monquil, drs. L.A. van der Bruggen, W. Maas, drs. H. Stouthart, F.L. de Vries, drs. J. Quartel MA
Lesmethode(n)	Werkgroep, Hoorcollege
Niveau	300

Doel vak

De cursus Didactiek 1 is onderdeel van de eerste fase (fase I) van de Universitaire Lerarenopleiding (ULO) van de VU, en loopt parallel aan de cursus Praktijk 1. De cursus is breed van opzet en omvat verschillende onderdelen die in samenhang worden aangeboden: algemene didactiek (AD), vakdidactiek (VD) en peergroup (PG).

Aan het eind van de cursus heeft de student de nodige basale algemeen didactische en vakdidactische bagage aan te reiken die nodig is voor het handelen als docent. Hierbij wordt nadrukkelijk aangesloten bij de ontwikkelingsfase waarin de docent-in-opleiding (dio) zich bevindt (zie inhoud).

Inhoud vak

De cursus is geordend rondom zogeheten kernpraktijken die fundamenteel zijn voor het beroep van docent. Bij Didactiek 1 staan de volgende kernpraktijken centraal: (1) contact maken, (2) de les starten (3) krediet opbouwen en uitgeven, (4) de les voorbereiden, (5) sturen en corrigeren en (6) volledige instructie geven en de les afsluiten.

De reikwijdte van het didactisch denken en handelen is in deze eerste fase meestal nog beperkt tot één les.

De genoemde kernpraktijken komen expliciet aan de orde bij AD. Bij VD wordt aangesloten bij deze kernpraktijken en wordt de vertaalslag gemaakt naar het eigen (school)vak. Daarnaast worden bij VD belangrijke vakdidactische concepten en werkwijzen geïntroduceerd

Bij PG staat de eigen onderwijspraktijk van de docent-in-opleiding (dio) centraal. Concrete vragen en situaties uit de praktijk vormen aanleiding tot analyse en reflectie. Waar bij AD en VD de nadruk ligt op de rollen van de uitvoerende en ontwerpende docent en pedagoog, wordt bij PG nadrukkelijk vorm gegeven aan de rol van onderzoekende professional.

De ervaring leert dat de kernpraktijken die bij Didactiek 1 centraal staan bij de meeste dio's uitgebreid aan de orde komen tijdens het eerste deel van de praktijkstage (Praktijk 1). Alle inhoudscomponenten uit deze cursus worden tijdens de bijeenkomsten en in verwerking verbonden met de werkplekpraktijk van de student. De dio en de werkplekbegeleider krijgen ook suggesties voor (observatie)opdrachten die kunnen bijdragen aan de ontwikkeling van de competenties die bij deze kernpraktijken horen.

Onderwijsvorm

Alle onderwijs vindt plaats op de instituutsdag (maandag). Studenten zijn de hele dag aanwezig. In de ochtend is er een hoor/werkcollege AD, waarbij dio's van verschillende vakken samen zitten. De colleges AD

worden steeds verzorgd door een tweetal docenten. Na het college AD volgt een PG bijeenkomst, waarbij dio's van verschillende vakken in kleine groepen en onder begeleiding de eigen onderwijspraktijk onder de loep nemen en eventuele concerns daarbij bespreken. Ook is hier ruimte voor begeleiding bij het maken van de verwerkingsopdrachten die voor AD moeten worden gemaakt.

In de middag is er een werkcollege VD onder begeleiding van de vakdidacticus. Deze colleges worden samen met dio's van hetzelfde vak. Deze colleges worden samen met dio's van hetzelfde vak in verschillende samenstellingen (homogeen en heterogeen) gevolgd.

Bij alle onderdelen (AD, VD en PG) wordt een actieve houding van de student gevraagd, zowel tijdens de bijeenkomsten als daarbuiten. Regelmatig worden er verwerkingsopdrachten gegeven, waar onder begeleiding aan wordt gewerkt. Deze opdrachten worden formatief geëvalueerd, onder andere door middel van (peer)feedback.

Toetsvorm

Didactiek 1 wordt afgesloten met een startproef waarin de studenten demonstreren dat zij één les kunnen ontwerpen en uitvoeren en kunnen reflecteren op de manier waarop voorbereiding, uitvoering en afronding hebben plaatsgevonden. De proef bestaat uit een lesontwerp (incl. verantwoording op basis van theorie, en eigen leerdoelen bij deze les), een videocompilatie (15 min.) van de gegeven les en een terugblik op de les. Bij het ontwerpen en uitvoeren van de les staan de kernpraktijken behandeld in de colleges algemene didactiek en vakdidactiek centraal (met een focus op de les en de leerling). De terugblik op ontwerp en uitvoering vindt plaats aan de hand van de de perspectieven van een docent als professional, ontwerper, uitvoerder, pedagoog en teamlid en de daarbij behorende relevante theorie. De proef wordt beoordeeld aan de hand van een beoordelingsformulier gerelateerd aan de rubrics die voor elk van de docentperspectieven zijn geformuleerd voor fase I.

Literatuur

Bij deze cursus worden de volgende algemeen didactische handboeken gebruikt:

- Ebbens, S. & Ettekoen, S. (2016). Effectief leren – basisboek. Groningen: Noordhoff Uitgevers B.V.
- Korthagen, F. & Lagerwerf, B. (2014). Een leraar van klasse. Den Haag: Boom Lemma Uitgevers
- Teitler, P. (2013). Lessen in orde. Bussum: Coutinho.
- Kohnstamm, R. (2009). Kleine ontwikkelingspsychologie: III de puberjaren. Houten: Bohn Stafleu van Loghum.

Oudere edities van bovenstaande boeken zijn over het algemeen goed bruikbaar.

Behalve van bovenstaande literatuur wordt veelvuldig gebruik gemaakt van relevante en actuele wetenschappelijke literatuur. Deze artikelen worden tijdens de cursus ter beschikking gesteld. De literatuur die bij VD gebruikt wordt is afhankelijk van het schoolvak waarvoor wordt opgeleid.

Overige informatie

Beheersing van de inhoud van het desbetreffende schoolvak wordt als voorkennis verondersteld.

Educatieve Minor Didactiek 2

Vakcode	O_EMDID2 ()
Periode	Periode 2+3
Credits	9.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	ir. E.J.F. Scheringa
Examinator	ir. E.J.F. Scheringa
Docent(en)	drs. J.K.W. Rixen, drs. H.R. Goudsmit, drs. Y.G. Meindersma, ir. E.J.F. Scheringa, drs. I. Pauw, drs. C.D.P. van Oeveren, drs. S. Donszelmann, drs. B. Klein, drs. W. Jongejan, drs. L.J. van Well-van Grootheest, dr. H.B. Westbroek, C.L. Geraedts, dr. A.A. Kaal, drs. A.J.C. Monquil, drs. L.A. van der Bruggen, W. Maas, drs. H. Stouthart, F.L. de Vries, drs. J. Quartel MA
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

De cursus Didactiek 2 is onderdeel van de tweede en laatste fase (fase II) van de Educatieve Minor van de VU, en loopt parallel aan de cursus Praktijk 2. De cursus omvat verschillende onderdelen die in samenhang worden aangeboden: algemene didactiek (AD), vakdidactiek (VD) en peergroup (PG).

Aan het eind van de cursus heeft de student de nodige algemeen didactische en vakdidactische bagage aan te reiken die nodig is voor het handelen als docent. Hierbij wordt toegewerkt naar de competenties die horen bij een startbekwame tweedegraads docent in het domein onderbouw havo-vwo en vmboTL. Hierbij wordt nadrukkelijk aangesloten bij de ontwikkelingsfase waarin de docent-in-opleiding (dio) zich bevindt (zie inhoud).

Inhoud vak

Net als de cursus Didactiek 1, is Didactiek 2 geordend rondom een aantal voor het beroep van docent fundamentele kernpraktijken. Bij Didactiek 2 staan de volgende kernpraktijken centraal: (1) leerprocessen zichtbaar maken, (2) leerprocessen bevorderen, (3) leerprocessen toetsen, (4) communiceren en leiding geven, (5) leerlingen verantwoordelijkheid geven (van docentgestuurd naar leerlinggestuurd) en (6) aandacht geven aan verschillen. Ten opzichte van de cursus Didactiek 1 wordt de focus verlegd van de (individuele) les naar het leerproces van de leerling. De reikwijdte van het didactisch denken en handelen wordt daarmee ook groter: er worden nu nadrukkelijker reeksen van lessen ontworpen en uitgevoerd.

De genoemde kernpraktijken komen expliciet aan de orde bij AD. Bij VD wordt aangesloten bij deze kernpraktijken en wordt de vertaalslag gemaakt naar het eigen (school)vak. Daarnaast worden bij VD belangrijke vakdidactische concepten en werkwijzen geïntroduceerd.

In de PG staat wederom de eigen onderwijspraktijk van de dio centraal. Waar bij AD en VD de nadruk ligt op de rollen van de uitvoerende en ontwerpende docent en pedagoog, wordt bij PG nadrukkelijk vorm gegeven aan de rol van reflectieve onderzoekende professional. In de PG ontwikkelt de student een visie op het docentschap en zijn rol

daarbinnen. De samenhang tussen Didactiek 2 en Praktijk 2 komt onder andere tot stand doordat de dio en de werkplekbegeleider op school suggesties krijgen voor (observatie)opdrachten die kunnen bijdragen aan de ontwikkeling van de competenties die bij deze kernpraktijken horen. Alle inhoudscomponenten uit deze cursus worden tijdens de bijeenkomsten en in verwerking verbonden met de werkplekpraktijk van de student

In de laatste weken van de cursus is er ruimte voor de eigen leervragen en behoefte van de student.

Onderwijsvorm

Alle onderwijs vindt plaats op de instituutsdag (maandag). Studenten zijn de hele dag aanwezig. In de ochtend is er een hoor/werkcollege AD, waarbij dio's van verschillende vakken samen zitten. De colleges AD worden steeds verzorgd door een tweetal docenten. Na het college AD volgt een PG bijeenkomst, waarbij dio's van verschillende vakken in kleine groepen en onder begeleiding de eigen onderwijspraktijk onder de loep nemen en eventuele concerns daarbij bespreken. Ook is hier ruimte voor begeleiding bij het maken van de verwerkingsopdrachten die voor AD moeten worden gemaakt.

In de middag is er een werkcollege VD onder begeleiding van de vakdidacticus. Deze colleges worden samen met dio's van hetzelfde vak in verschillende samenstellingen (homogeen en heterogeen) gevolgd .

Bij alle onderdelen (AD, VD en PG) wordt een actieve houding van de student gevraagd, zowel tijdens de bijeenkomsten als daarom heen. Regelmatig worden er verwerkingsopdrachten gegeven, waar in groepsverband aan wordt gewerkt. Deze opdrachten worden formatief geëvalueerd, onder andere door middel van (peer)feedback.

Toetsvorm

Didactiek 2 wordt afgesloten met een basisproef waarin de studenten demonstreren dat zij een korte lessenreeks kunnen ontwerpen en (deels) uitvoeren en kunnen reflecteren op de manier waarop voorbereiding, uitvoering en afronding hebben plaatsgevonden. De proef bestaat uit een docentenhandleiding bij bestaand lesmateriaal, (incl. een globale planning, drie uitgewerkte lesontwerpen, verantwoording op basis van theorie, en eigen leerdoelen bij deze lessen), een videocompilatie (15 min.) van de gegeven lessen en een terugblik op ontwerp en uitvoering. Bij het ontwerpen en uitvoeren van de les staan de kernpraktijken behandeld in de colleges algemene didactiek en vakdidactiek centraal (met een focus op de leerling en het leerproces). De terugblik op ontwerp en uitvoering vindt plaats aan de hand van de perspectieven van een docent als professional, ontwerper, uitvoerder, pedagoog en teamlid en de daarbij behorende relevante theorie. De proef wordt beoordeeld aan de hand van een beoordelingsformulier gerelateerd aan de rubrics die voor elk van de docentperspectieven zijn geformuleerd voor fase II.

Literatuur

Bij deze cursus worden de volgende algemeen didactische handboeken gebruikt:

- Ebbens, S. & Ettekoven, S. (2016). Effectief leren – basisboek. Groningen: Noordhoff Uitgevers B.V.
- Korthagen, F. & Lagerwerf, B. (2014). Een leraar van klasse. Den Haag: Boom Lemma Uitgevers
- Teitler, P. (2013). Lessen in orde. Bussum: Coutinho.
- Kohnstamm, R. (2009). Kleine ontwikkelingspsychologie: III de puberjaren. Houten: Bohn Stafleu van Loghum.

Oudere edities van bovenstaande boeken zijn over het algemeen goed bruikbaar.

Daarnaast wordt veelvuldig gebruik gemaakt van relevante en actuele wetenschappelijke literatuur. Deze artikelen worden tijdens de cursus ter beschikking gesteld. De literatuur die bij VD gebruikt wordt is afhankelijk van het schoolvak waarvoor wordt opgeleid.

Overige informatie

Beheersing van de inhoud van het desbetreffende schoolvak wordt als voorkennis verondersteld.

Voorwaardelijk voor afronding van Didactiek 2: een voldoende beoordeling van Didactiek 1.

Educatieve Minor Praktijk 1

Vakcode	O_EMPRAK1 ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	ir. E.J.F. Scheringa
Examinator	ir. E.J.F. Scheringa
Docent(en)	drs. J.K.W. Riksen, drs. H.R. Goudsmit, drs. Y.G. Meindersma, ir. E.J.F. Scheringa, drs. I. Pauw, drs. C.D.P. van Oeveren, drs. S. Donszelmann, drs. L.J. van Well-van Grootheest, dr. H.B. Westbroek, C.L. Geraedts, dr. A.A. Kaal, dr. A. Handelzalts, drs. A.J.C. Monquill, drs. J.B. Penninx, drs. L.A. van der Bruggen, W. Maas, drs. H. Stouthart, drs. N.H. Ypenburg, F.L. de Vries, drs. J. Quartel MA
Niveau	300

Inhoud vak

Op de school wordt de aandacht op dezelfde kernpraktijken gericht als gedurende de instituutopleiding. De werkplekbegeleider is op de hoogte van de onderwerpen die op de instituutdag aan de orde zijn en gebruikt dezelfde rubrics als de instituutopleiders en vakdidactici om de vorderingen van de studenten te beoordelen.

Onderwijsvorm

Onder begeleiding van de werkplekbegeleider nemen de studenten steeds een groter en actiever aandeel in het lesgeven en werken in de school. Studenten met een baan (zij-instromers, onderwijstrainees etc) geven in dit stadium al zelfstandig les. Bij deze studenten is de nadruk bij de begeleiding vanuit de werkplekbegeleider op het niveau van didactische handelen in de les.

Toetsvorm

Op de school geven de studenten een presentatie over hun prestaties in de eerste acht weken. Dat doen ze aan de hand van de relevante rollen (vier van de vijf waarbij uitvoerder, ontwerper en pedagoog de meeste aandacht krijgen bij de reflectie op het lesgeven). De werkplekbegeleider gebruikt het beoordelingsformulier gerelateerd aan de rubrics

om het functioneren van de student in de klas tijdens de praktijk te evalueren.

Educatieve Minor, Peergroep

Vakcode	O_EMPEERGR ()
Periode	Periode 1+2+3
Credits	0.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	ir. E.J.F. Scheringa
Docent(en)	ir. E.J.F. Scheringa
Lesmethode(n)	Werkgroep, Bijeenkomst
Niveau	300

Doel vak

In de peergroep staat de rol van docent als 'professional' centraal.

Studenten

leren de regie te nemen over hun eigen leerproces en hun visie op onderwijs te beschrijven. Ze ontwikkelen een professionele identiteit, waarin ze de eisen die het beroep van docent aan ze stelt verbinden met eigen waarden en motieven. In peergroups reflecteren studenten op hun handelen in de praktijk, leiden daaruit ontwikkelpunten af, formuleren acties en evalueren deze. Verschillende instrumenten en methodes worden gebruikt (logboek, reflectiecirkel, intervisie, videoreflectie, etc.) om de student in staat te stellen de complexiteit van de onderwijspraktijk te doorgronden en hiervan te leren.

Emerging Technologies for E-Business and Online Commerce

Vakcode	E_IBA3_ETEOC ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. S.C. Friesike
Examinator	dr. S.C. Friesike
Docent(en)	dr. S.C. Friesike
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

After completion of this course, students will:

- Have an integrative knowledge of the various aspects of E-business and online commerce discussed in the preceding courses.
- Have knowledge of the most important managerial barriers in E-business and online commerce processes.
- Be able to critically assess the pros and cons of applying recent technologies in E-business and online commerce processes.
- Be able to provide a concrete advice concerning the feasibility of the use of such technologies and an understanding of how to overcome

barriers.

Inhoud vak

This course focuses on the question how emerging technologies can play a role in supporting organizations' E-business and online commerce processes. Based on the knowledge gained in the first four courses of this minor, students will conduct a feasibility study concerning a recently emerged technology. They will develop an application and study the possible barriers that could occur in bringing this application to the market. They will develop countermeasures to overcome the identified barriers and to involve the respective peer groups. The technology at hand will be selected by the course coordinators, and will be a technology that newly entered the market. The analysis will focus on questions like:

- What is the potential value of this technology in supporting organizations' E-business and online commerce activities?
- What are potential barriers that could hinder or block the roll-out of a technology?
- What are the demands and consequences of applying this technology in terms of consumer interaction, logistics, information systems and other relevant aspects?
- To what extent is applying this technology feasible in terms of costs, benefits, fit with the current enterprise architecture, business processes, consumer preferences, etcetera?

The outcome of this analysis is a business report in which a concrete advice is given in terms of the feasibility of this technology, and sheds light on the different aspects of logistics and fulfilment as well as marketing, technology and data, and insights for the e-business solution. Although academic fundamentals should be applied, this business case has a highly relevant practical component as well.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written Assignment - Group Assessment
Presentation - Group Assessment
Participation - Individual Assessment

Literatuur

Various papers that will be made available via Canvas.

Vereiste voorkennis

This course is part of the minor E-business and Online Commerce. Students should at least be familiar with the content of 'Introduction to E-business and Online Commerce' and 'Consumer Science for Online Commerce'

Aanbevolen voorkennis

Courses in period 1 and 2 of the Minor E-business and Online Commerce

Doelgroep

This minor can be followed by all SBE bachelor students. In addition, advanced bachelor students (third year) from other faculties as well as other universities are welcome to join. Particularly those with an interest in Business and Organization Studies, Economics, Social Sciences, Social Psychology, Healthcare, Media and Communication

Studies, Engineering, Technology Management, Operations Management and Education.

It is especially interesting for:

- Future managers who want to understand how Emerging Technologies can be implemented in existing business
- Intrapreneurs that want exploit the opportunities Emerging Technologies offer for E-business and online commerce
- Future consultants in E-business and online commerce, strategic business consultants, or government policy consultants

Overige informatie

This course is part of the minor E-business and Online Commerce.

Empirical Economics

Vakcode	E_EOR3_EEC ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. B. van der Klaauw
Examinator	prof. dr. B. van der Klaauw
Lesmethode(n)	Hoorcollege, Werkgroep

Doel vak

The main goal of this course is to make students familiar with using microeconomic techniques to empirically analyze economic models. Students should be capable to test economic theories empirically and to estimate policy relevant parameters. Next they learn how to interpret estimation results and to translate these into policy conclusions. Students learn to distinguish between causality and correlation.

Inhoud vak

This course first provides an overview on microeconomic techniques to estimate causal effects. In particular, the potential outcomes framework is discussed and within this framework policy relevant treatment effects are defined. Next, more structural economic models are presented and empirical analyses of these models are discussed. More specifically, during the course labor market models, consumer choice models, school assignment models and production functions are evaluated. During the course, there will be a theoretical discussion, presentation of empirical studies and students have to work with data.

Onderwijsvorm

Lectures and workgroups

Toetsvorm

Written exam and homework exercises

Literatuur

Stock, J.H. and M.M. Watson, "Introduction to econometrics", 3rd edition, Pearson.

Vereiste voorkennis

Introduction to econometrics (linear regression and maximum likelihood) and basic statistics (estimation and hypothesis testing)

Empirical Finance

Vakcode	E_EOR3_EFIN ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. N.J. Seeger
Examinator	dr. N.J. Seeger
Docent(en)	dr. N.J. Seeger
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

The objective of the course is to show how econometrics can be applied to empirical questions in finance. In particular the course will cover topics such as financial data and its properties, factor models and testing pricing efficiency, modelling volatility, risk management models, model performance comparison, simulation procedures and continuous time finance. We will investigate how characteristics of financial data such as e.g. non-normality challenges the assumptions of econometric methods and how the methods can be adapted to handle such data properties. A mixture of academic papers and practical applications is used to study how econometric methodology is employed to facilitate financial decision making and extract information from financial market data. A vital part of the course will be tutorial sessions in which students have to solve programming problems that are topic-wise related to the theory discussed in class. Matlab and Stata will be used to apply methods learned in class to actual data.

Inhoud vak

Econometric methods covered are among others, factor models, event study methodology, volatility modelling (e.g. GARCH), historical simulation, Monte Carlo simulation.

Onderwijsvorm

Classes. In separate tutorials session, Matlab and Stata are used as programming tools to apply knowledge learned in class to real data problems.

Toetsvorm

Final exam – Individual assessment
Grading is based to 100% on the final exam

Literatuur

Brooks (2014): Introductory Econometrics for Finance, 3rd
Danielsson (2011): Financial Risk Forecasting

Vereiste voorkennis

None

Aanbevolen voorkennis

The courses of period 3.1 in the Minor Applied Econometrics.

Overige informatie

This course in the minor Applied Econometrics is targeted at both econometrics and non-econometrics students.

Empirical Marketing

Vakcode	E_EOR3_EMKT ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. Sotgiu
Examinator	dr. F. Sotgiu
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

The objective is to show how econometrics can be applied to empirical questions in marketing and consumer behaviour. In particular, how to build models to support marketing decisions. Given the current big data revolution, models from which useful information about market behaviour and their sensitivity to marketing activities such as advertising, pricing, promotions and distribution are routinely used by managers (from leading organisations worldwide) for analyzing marketing programs that can improve brand performance. This course will introduce models and methods, together with their use in empirical marketing studies.

Inhoud vak

This course focusses on quantitative methods for empirical research in marketing and consumer behaviour. In particular, we discuss how to build models to support marketing decisions and how to adopt data science methods to investigate market behaviour and the impact of marketing instruments such as advertising, pricing, promotions and distribution. The econometric methods that are employed include regression, multivariate statistical analysis, limited dependent variable models, panel data models, pooled regressions, forecasting methods, and trend extraction.

Onderwijsvorm

Lectures and classes. During classes time will be made for discussing exercises and for supporting empirical work. Computer classes are also organised

Toetsvorm

Final exam – Individual assessments

Literatuur

Reader, a selection of chapters and articles on various topics. The econometrics is mainly based on the book "Introduction to Econometrics" by J.H. Stock and M.W. Watson, which is also used in earlier courses.

Vereiste voorkennis

None, but an introductory course in econometrics is highly recommended, see below.

Aanbevolen voorkennis

Introductory courses in econometrics and time series, similar to the courses "Introduction to Econometrics" and "Introduction to Time Series" from our Minor program "Applied Econometrics: A Big Data Experience For All".

Doelgroep

This course is part of the Minor program "Applied Econometrics: A Big Data Experience For All".

Uitleg in Blackboard/Canvas

See above.

Intekenprocedure

As usual.

Overige informatie

This is a 6 EC course presented in period 2 (November-December) in the academic year. This course is part of the Minor "Applied Econometrics: A Big Data Experience for All". It is targeted at both econometrics and non-econometrics students.

Enterprising Behavior

Vakcode	E_BK3_ENTBEH ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. N.A. Thompson
Examinator	dr. N.A. Thompson
Docent(en)	dr. N.A. Thompson
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

L1. The student is able to analyse an EB-related practical case, and provide a theoretically sound advice. (Academic Skills)

L2. Students gain a basic understanding of concepts in Entrepreneurial

Behaviour, and are able to analyse, compare, and apply these concepts. (Knowledge)

L3. The student is able to apply EB concepts to a practical enterprising-related problem. (Bridging Research and Practice)

L4. The student is able to work in a small team, and is able to orally

present a case assignment that encompasses a theoretical analysis and practical advice based on an EB-related problem. (Social Skills)

L5. The student further develops his/her communication skills in writing

by actively improving English writing skills. (Broadening your Horizon)

L6. The student is able to critically reflect on his/her individual and team performance during the course, and he/she is able to use EB concepts in order to illustrate reflection with theoretical arguments. (Self-Awareness)

Inhoud vak

This course takes an Opportunity-centred approach to enterprising behaviour (OCE). This distinctive approach to learning focuses students on the human behaviours used in thinking, learning, decision-making, working and managing in entrepreneurial ways. Students will learn about and experience thinking and acting as enterprising individuals using real-world learning cases, through which they can develop the skills and confidence to recognize, create and act effectively on opportunities. These competencies are the basic building blocks for a future enterprising career.

Onderwijsvorm

The format of instruction is lectures and tutorials.

Toetsvorm

Assessment is based upon individual and group assignments.

Literatuur

Rae, D. (2014). Opportunity-Centred Entrepreneurship (Second edition). Palgrave Macmillan.

Overige informatie

Het vak wordt in het Engels gegeven.

Environment and Development

Vakcode	S_ED ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	drs. W.A.M. Tuijp
Examinator	drs. W.A.M. Tuijp
Docent(en)	drs. S.L. Di Prima MSc, drs. W.A.M. Tuijp
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

This course aims to help the student to examine and critically reflect on the relationships between economic and social development, and the environment.

Inhoud vak

What do we mean by the concepts of environment and development and how are the two related? What are the causes and consequences of global environmental change? How is the global community dealing with ecological problems? How can smallholder farmers in the developing world adapt to climate change? How can the world adequately feed more than 9 Billion people by 2050? Is sustainable development, with its notions of

environmental 'friendliness', really achievable?

These and many other questions will be discussed during this interdisciplinary course. After the introductory overview the course will discuss two overall aspects of the international E&D framework: (1) Global Issues - which considers the links between development on the one hand and environment, trade and poverty on the other; (2) Local Issues - which focuses on the increasingly serious problem of land degradation, deforestation and growing water shortages, and asks key questions of how these are related to aspects of human development in poor countries. Illustrated case studies from all over the world provide the basis for teaching. Through this course students learn to recognize and analyze the current and potential impact of the major international environmental concerns; to appreciate the complexities of environmental issues related to development at a global level; to take into account different perspectives on environmental problems and possible solutions; and learn lessons from international case studies.

Onderwijsvorm

Lectures, group discussions and tutorials.

Toetsvorm

Group presentations (40%) and exam (60%).

Literatuur

Clapp, J., & Dauvergne, P. (2011) Paths to a Green World: the political economy of the global environment. 2nd edition. Cambridge: MIT Press.

Additional literature to be announced in the course manual (see CANVAS).

Doelgroep

Students in the Minor Development Studies;
Students in the Minor Development and Global Challenges;
Open as an elective course for Exchange students;
Open as an elective course for VU students.

Overige informatie

Some comments from former students:

"Many case studies, examples and pictures from own experiences presented by enthusiastic teachers"

"Eye-opening to very important topics and a lot of additional info"

"I liked the broadness of the course. I really have an overview now of the main environmental issues"

"Thanks a lot for the course, I have learned a lot and will recommend it to others!"

Ethics

Vakcode	E_BK3_ETH ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. J.F.D.B. Wempe
Examinator	prof. dr. J.F.D.B. Wempe
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege

Doel vak

Tijdens de cursus worden de fundamentele vraagstukken met betrekking tot Maatschappij en Samenleving en die van Managementstudies besproken (Academische vaardigheden). Tijdens de cursus leer je fundamentele vragen te stellen ten aanzien van de samenleving, de rol van ondernemingen in de samenleving (Algemene ontwikkeling) en je eigen rol binnen de samenleving (Zelfbewustzijn). We bevorderen dit door je kennis te laten maken met de grote filosofen die over de fundamentele van samenleving en bedrijf hebben geschreven (Vakkennis). Tijdens de tutorials zal je deze inzichten toepassen op actuele vraagstukken (Link met de praktijk).

Na het afronden van de cursus heb je de volgende leerdoelen bereikt:

Academische vaardigheden:

- Je bent in staat om filosofische literatuur (op instapniveau) te lezen, en kritisch en invoelend te analyseren
- Je bent in staat om tijdens een conversatie of debat gebaseerd op dit soort analyses oordelen te formuleren

Vakkennis:

- Je begrijpt de belangrijkste filosofische en ethische ideeën

Link met de praktijk:

- Je bent in staat om jouw begrip van deze filosofische en ethische ideeën toe te passen in de bedrijfscontext
- Je bent in staat om je eigen toekomstige rol binnen een organisatie of binnen een professie kritisch te beoordelen

Algemene ontwikkeling:

- Je bent in staat om de filosofische en morele vraagstukken te herkennen die inherent zijn aan het menselijk leven, de bedrijfscontext en de studie van samenleving en bedrijf

Sociale vaardigheden:

- Je bent in staat een wetenschappelijk gesprek te voeren dat (gedeeltelijk) gebaseerd is op deze filosofische en morele argumenten
- Je bent in staat om je zelf op een effectieve wijze in woord en geschrift uit te drukken en daarbij deze redeneringen en ideeën op een adequate wijze te gebruiken
- Je zult je ervaring met het werken in groepen verder ontwikkelen

Zelfbewustzijn:

- Je bent in staat je eigen commitment en ideeën kritisch te beoordelen
- Je bent in staat je eigen waarden en normen kritisch te beoordelen

Inhoud vak

De cursus confronteert je met morele dilemma's en de filosofische context waarin deze dilemma's zich voordoen. De cursus biedt concepten en theorieën aan om je te ondersteunen bij het begrijpen en analyseren van deze dilemma's en het vormen van een doordachte mening.

Tijdens de hoorcolleges komen de volgende onderwerpen aan bod:

- De grondbeginselen van een goede samenleving
- De grondbeginselen van de economie
- De grondbeginselen van organiseren en organisaties
- De fundamentele voor een beter bedrijfsleven

Tijdens de tutorials worden de concepten en theorieën die tijdens de lessen worden besproken verder worden uitgewerkt.

Tijdens de tutorials diep je ook een vooraf geselecteerd moreel of filosofische thema uit.

Onderwijsvorm

Hoorcolleges en tutorials

Toetsvorm

Schriftelijk tentamen: – Individuele beoordeling
(Interim) Opdracht (en): – Individuele beoordeling
(Interim) Opdracht(en):– Groepsbeoordeling
Actieve deelname in de klas

Literatuur

Voor deze cursus wordt gebruik gemaakt van artikelen. De te lezen artikelen worden op Canvas bekendgemaakt.

Vereiste voorkennis

Geen

Ethics I

Vakcode	W_BA_ETH1 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. P. Robichaud
Examinator	dr. P. Robichaud
Docent(en)	dr. P. Robichaud
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	100

Doel vak

- Develop a basic understanding of the most important theories in moral philosophy—this includes normative ethics and metaethics.
- Understand the relative strengths and weaknesses of distinct theories.
- Learn how to use concepts and insights from various theories in normative ethics to analyze contemporary moral problems
- Learn how to argue for a particular position in applied ethics debate.

Inhoud vak

Ethics is a branch of philosophy that focuses on questions such as “In virtue of what are actions right or wrong (morally obligatory, morally permissible, or morally impermissible)?”, “What makes a certain state of affairs good or bad?”, and “What constitutes a good life?”. In this course we will critically explore different theories that offer answers to these questions. These theories include consequentialism, deontology, virtue ethics, care ethics, and contract theory. We will also spend time examining how these ethical theories apply to contemporary moral issues, such as abortion, animal welfare, famine relief, and human enhancement.

Onderwijsvorm

Lectures and workgroups

Toetsvorm

Written exams (60%); Writing assignments (20%); Group Debate (20%)

Literatuur

- Russ Shafer-Landau, The Fundamentals of Ethics (3rd edition), Oxford: Oxford University Press, 2015
- Readings in Canvas

Doelgroep

First year philosophy BA, philosophy premaster, philosophy minor.

Overige informatie

This is a required first year course. It serves as a pre-requisite for the second year course Ethics II.

Ethics of Algorithms

Vakcode	E_MM_ETHA ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. ir. M. van Otterlo
Examinator	dr. ir. M. van Otterlo
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

After completing this course, students will

Understand the role of smart algorithms for big data, in digital interactions, and in physical manifestations such as robots and the internet-of-things.

Know broad classes of algorithms and how they are used for prediction, social sorting, curating, recommending, gatekeeping, experimentation, and profiling

Be familiar with some of the main contemporary thinkers and issues in the ethics of algorithms

Know and understand the ethical implications of (classes of) algorithms on privacy, surveillance, discrimination, access to information, security, free will, human rights, social norms, etc.

Be able to identify stakeholders and ethical implications in healthcare, design, crime, education, science, job markets, business, journalism, warfare, etc.

Inhoud vak

Digital innovation involves both the accumulation of large amounts of data (so-called Big Data) through various new sensors (such as smartphones and social networks) as well as artificially intelligent algorithms (software, but also robots) that can analyze and interpret that data (i.e. analytics) and act upon it. The main objective of this course is to develop “algorithmic literacy” which is an understanding of how (intelligent and adaptive) algorithms influence the way we communicate, work, obtain information, date, travel, and so on, but also how we can tackle grand challenges such as crime, healthcare and education in new, innovative ways. Algorithms are not neutral or objective, but come with many biases, choices, and political influences built-in, which heavily determine how people are “seen” by these algorithms, and how they are treated.

The course covers specifically the various implications algorithms have

on fundamental values in society dealing with privacy, surveillance, free will, and so on. For each implication typically several competing stakeholders are involved with opposing viewpoints, value systems or business models. This requires a delicate balancing of interests. Ethics deals with finding this balance, with identifying issues and stakeholders, with employing social and legal solution frameworks, and possibly with judging whether some developments are good or bad.

The course features lectures on algorithms, ethical issues and domains. In addition we will read and discuss relevant literature, for which active participation is required. Each student needs to write an individual essay about a (self-chosen) ethical problem in a particular domain. Furthermore, each student participates in a multidisciplinary design team consisting of students to find a practical solution for an ethical issue caused by the use of intelligent algorithms.

Onderwijsvorm

Lectures and (interactive) literature discussions.

Toetsvorm

Individual essay, team design project, active participation in group sessions, and a digital exam.

Literatuur

Various articles that will be made available through Canvas.

EU Governance in an International Context

Vakcode	S_EUGIC ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	H.L.M. Muehlenhoff
Examinator	H.L.M. Muehlenhoff
Docent(en)	H.L.M. Muehlenhoff, H. Mercenier
Lesmethode(n)	Hoorcollege, Studiegroep
Niveau	300

Doel vak

- Gain a basic knowledge of the history of European integration, of the institutional structure of the European Union, and of the key issues in the most important policy fields.
- Introduction to the key approaches to European integration and their application to an understanding of the history and contemporary themes of European Union politics and governance.
- Gain insight into how the European Union affects domestic politics, whilst at the same time being situated in a global context.

Inhoud vak

The European Union has an ever growing influence on political decision-making and policy-making in Europe and its nation-states. This course introduces students to the way the EU operates, its institutional architecture, its history, and its modes of decision-making. The course highlights how EU decision-making affects domestic politics, whilst it

is at the same time situated in a broader, international context. Besides attention for the main characteristics of EU decision-making, the course familiarizes students with key theories of European integration (more intergovernmental versus more supranational approaches) and with the interaction between different levels of governance (Multilevel Governance, Europeanisation). These insights are applied in a number of selected policy domains that touch both upon the EU's internal politics (e.g. competition, agriculture, environmental policy) as well as upon its engagement in the global realm (e.g. military interventions).

Toetsvorm

Exam and written assignment.

Literatuur

M. Cini & N. Pérez-Solórzano Borragán (eds.) (2016), European Union Politics. Fourth Edition, Oxford: Oxford University Press
+ articles.

Doelgroep

2nd year Bachelor students Politicologie and Bestuur & Organisatie (Afstudeerrichting Bestuurswetenschappen); Exchange students.

Intekenprocedure

In this course you can not enroll yourself for the tutorials, but you will be assigned by the course coordinator. At the latest in the first week of the course you will find to which tutorial you are assigned in your personal schedule in VUnet.

Note: You do have to register for the course, with the corresponding parts!

Filming Entrepreneurship

Vakcode	E_BK3_FE ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J.K. Verduijn
Examinator	dr. J.K. Verduijn
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: The student is able to question predominant ideas about entrepreneurship, and form their own. They are able to communicate these ideas visually, i.e. through moving images.

Knowledge: Students have a deeper and enhanced understanding of entrepreneurial 'real' life, and the various presumptions attached to the phenomenon.

Bridging Research and Practice: The student will have experienced various facets of entrepreneurial 'real' life.

Social Skills: The student is able to work in a small team.

Broadening your Horizon: The student is able to come up with and explore a (divergent) set of ideas (rather than focus on just one

idea/solution), and play with perspectives.

Self-Awareness: The student is able to be curious, and to (critically) reflect on his/her own ideas about entrepreneurship, in relation to extant entrepreneurship knowledge.

Inhoud vak

This course aims at facilitating students in experiencing, exploring, discovering and 'reporting' about entrepreneurship as a real-life and dynamic phenomenon and as an on-going process. Likewise, your ability to look, think, and report in a 'visual' way will be stimulated. In this course, we break with linear conceptualizations of entrepreneuring as a 'neat', straight road to success, a correct execution of a sound plan, based on a good idea, a well-spotted opportunity, or other such dominant (abstract) ideas. Instead, we are going to play with other, perhaps not so common ideas about entrepreneurship. During this course, you (in pairs) create a (short) film about entrepreneurship so as to 'activate' your own curiosity, and to – visually – communicate your ideas and perspectives.

Onderwijsvorm

Interactive lectures and work group meetings

Toetsvorm

Assignment 1: short film (group assessment)

Assignment 2: individual paper (individual assessment)

Mandatory attendance work group meetings

Literatuur

To be announced.

Finance

Vakcode	E_BK2_FIN1 ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. M.B.J. Schauten
Examinator	dr. M.B.J. Schauten
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden: We leren je een financieel economisch vraagstuk (investerings-, prijsvormings- en beleggingsvraagstuk) te analyseren en te abstraheren van niet essentiële informatie.

Kwantitatieve vaardigheden: We leren je de juiste methode en/of techniek toe te passen bij het oplossen van een specifiek financieel economisch probleem.

Vakkennis: Je verkrijgt een gedegen basiskennis van het investeringsvraagstuk van ondernemingen en van het prijsvormingsvraagstuk en beleggingsvraagstuk voor beleggers.

Link met de Praktijk: We leren je actuele investerings- en beleggingsthema's te koppelen aan de theorie.

Specifieke leerdoelen:

Na afronding van dit vak:

- ben je in staat het investeringsvraagstuk te beschrijven vanuit het perspectief van de investeerder;
- ben je in staat het prijsvormingsvraagstuk te beschrijven vanuit het perspectief van de belegger;
- ben je in staat het beleggingsvraagstuk te beschrijven vanuit het perspectief van de belegger;
- ben je in staat de waarde van een project te bepalen;
- ben je in staat de waarde van een vermogenstitel (aandeel / obligatie) te bepalen;
- ben je in staat individuele beleggingsobjecten tot een beleggingsportefeuille te combineren;
- ben je in staat een optimale portefeuille aan te wijzen gegeven de nutsfunctie van een belegger en de Capital Market Line (CML);
- ben je bekend met het begrip 'opportunity cost of capital';
- ben je bekend met het model van Hirshleifer en het separatiethorema van Fisher;
- weet je wat de rol is van de financiële markt voor de allocatie van vermogen;
- kan je het verschil uitleggen tussen winst en kasstroom;
- kan je de netto contante waarde methode toepassen;
- kan de student de voor- en nadelen van alternatieve investeringsselectie-methoden uitleggen;
- kan je de vermogenskostenvoet van een project bepalen aan de hand van het CAPM;
- kan je actuele beleggingsproducten koppelen aan de theorie.

Inhoud vak

In dit vak worden het ontstaan van de financieringsbehoeften en de uitgangspunten van financieel management behandeld. Daartoe worden eerst de ondernemingsdoelstellingen onder de loep genomen. De begrippen waardering en waardecreatie spelen daarbij een cruciale rol. Het gebruik van de (netto) contante waarde methode wordt uitgebreid behandeld. Deze methode wordt gebruikt bij de waardering van vreemd en eigen vermogen (obligaties en aandelen), en bij het bepalen van waardecreatie door investeringsprojecten. Daarna wordt de verhouding tussen rendement en risico behandeld. Dit gebeurt o.a. door te kijken hoe het nemen van risico in financiële markten wordt beloond. Concepten als diversificatie, systematisch versus idiosyncratisch risico, Capital Asset Pricing Model (CAPM), en optimalisatie van beleggingsportefeuilles worden hier behandeld. Je leert op basis van het CAPM bepalen wat de door de markt bepaalde vermogenskostenvoet is voor de onderneming.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Geschreven tentamen (individuele beoordeling)

Tussentoets(en) (individuele beoordeling)

Literatuur

1) J. Berk en P. DeMarzo, Corporate Finance, Pearson, 4de Global Edition, 2017. Dit boek behoort ook tot de verplichte literatuur van de vakken Finance II en Financial Modeling and

Derivatives.

2) Finance I, Tekst- en Opgavenboek.

Aanbevolen voorkennis

Business Mathematics of equivalent.

Finance II

Vakcode	E_BK2_FIN2 ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	drs. J.F. Jullens
Examinator	drs. J.F. Jullens
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	200

Doel vak

Academische Vaardigheden: studenten leren op een hoog niveau van abstractie de rol van de vermogensstructuur en bestuursstructuur van een onderneming te analyseren.

Kwantitatieve Vaardigheden: studenten leren de vermogenskostenvoet te berekenen voor investeringsprojecten en ondernemingen, bedrijven te waarderen en daarbij rekening houdend met de vermogensstructuur. De uitdaging ligt in het destilleren van te gebruiken gegevens en kwantitatieve relaties uit de veelheid van informatie die beschikbaar is van een onderneming of investeringsproject.

Vakkennis: de onderwerpen vermogensstructuur, schuldfinanciering, het agency probleem, dividend beleid, vermogenskostenvoet, methoden van waarderen en corporate governance vormen de kern van het vakgebied Corporate Finance.

Inhoud vak

Het college sluit aan op Finance, waarin op de investeringsstructuur van de onderneming en waardering van financiële activa werd ingegaan. In Finance II bezien wij de vermogensstructuur, waarbij aandacht wordt besteed aan:

- het Modigliani & Miller model, wat het startpunt is voor het nadenken over de rol van de vermogensstructuur voor de waarde van de onderneming;
- de relatie tussen diverse vermogensverschaffers van de onderneming;
- waardebepaling van (onderdelen van) bedrijven;
- werking van kapitaal- en geldmarkten (nationaal en internationaal);
- uitgifte van aandelen en obligaties;
- andere vormen van financiering zowel op korte en lange termijn (kredietverlening banken, commercial paper, leasing, handelsfinanciering: o.a. letters of credit);
- financiële planning (bepaling financieringsbehoefte);
- Corporate Governance (optimale juridisch-economische beheersstructuur van bedrijven ter reducering van de belangenconflicten van managers, commissarissen, aandeelhouders, employees, klanten, leveranciers en de maatschappij-in-het-algemeen);

- internationale financiering (internationale politieke risico's, afdekking van valutarisico's).

Onderwijsvorm

Hoorcolleges, instructiecolleges en werkcolleges

Toetsvorm

Tentamen, digitale toetsen (beide individuele beoordeling) en cases (groepsbeoordeling)

Literatuur

Berk & Demarzo, Corporate Finance, 3de druk (de hoofdstukken 14-19, 23-27, 29 en 31) plus de op het college besproken stof.

Aanbevolen voorkennis

Aanbevolen wordt om eerst het vak Finance I te volgen

Overige informatie

Het met een voldoende afsluiten van Finance II (of vergelijkbaar vak bij de economie opleiding) is een vereiste voor het volgen van de MSc Finance en wordt geadviseerd te volgen als voorbereiding op de MSc Business Administration - Specialisatie Financial Management.

Financial Accounting

Vakcode	E_EBE2_FAC ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. C. Camfferman RA
Examinator	prof. dr. C. Camfferman RA
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Dit vak is het derde vak in de leerlijn Accounting. In dit vak wordt de externe financiële verslaggeving, in het bijzonder de jaarrekening van ondernemingen, behandeld. Je leert wat de belangrijkste vraagstukken zijn vanuit het perspectief van de verslaggevende onderneming, en hoe deze verslaggeving in Nederland en internationaal gereguleerd is (Vakkennis). Je leert om deze kennis toe te passen op concrete vragen ontleend aan de verslaggevingspraktijk (Link met de praktijk). Hierbij oefen je vaardigheden zoals abstractie en argumentatie (Academische vaardigheden).

Na afloop van dit vak kun je:

- beschrijven welke vormen van regelgeving en toezicht van toepassing zijn op de verslaggeving van de meest voorkomende typen ondernemingen in Nederland en in hoofdlijnen aangeven wat de achtergronden en onderliggende logica is van het institutionele kader;
- uitleggen wat de belangrijkste concepten zijn uit het Conceptual Framework van de International Accounting Standards Board (IASB), en uitleggen hoe deze zich verhouden tot geselecteerde theoretische concepten;

- opzoeken en uitleggen wat er in de belangrijkste wettelijke bepalingen rond de jaarrekening in Nederland (titel 9 boek 2 BW) is bepaald over een gegeven verslaggevingsvraagstuk;
- beschrijven wat de meest voorkomende verwerkingswijzen zijn voor de selectie van posten en transacties die bij dit vak aan de orde komen;
- voor de selectie van transacties en posten: een gegeven vraagstuk uitwerken in de vorm van een gemotiveerde keuze voor een verwerkingswijze, journaalposten, en/of volledige financiële overzichten (balans, resultatenoverzicht, kasstroomoverzicht);
- herkennen en uitleggen op welke manier een post of transactie uit de behandelde selectie van onderwerpen in een gegeven fragment uit een jaarrekening is verwerkt;
- een gemotiveerd standpunt innemen over een in de loop van het vak behandeld onderwerp met argumenten ontleend aan verschillende referentiekaders (zoals bestaande regelgeving en theoretische concepten).

Inhoud vak

De externe financiële verslaggeving in de vorm van een jaarrekening (en in de vorm van kwartaalberichten bij beursgenoteerde ondernemingen) is de basis van de communicatie tussen de onderneming en financiële belanghebbenden zoals aandeelhouders en andere vermogensverschaffers. Cijfers uit financiële verslaggeving (zoals winst, cash flow en omzet) spelen een belangrijke rol in financiële markten, maar hebben ook juridische betekenis en zijn van belang voor corporate governance. Voor grote ondernemingen is het opstellen van deze verslaggeving een complex proces. Dit is niet alleen zo omdat het nu eenmaal ingewikkeld is om de economische prestatie en positie van een dergelijke onderneming goed weer te geven, maar ook omdat er grote belangen met de verslaggeving gemoeid zijn. Vandaar dat er inmiddels een zwaar institutioneel kader van regelgeving en toezicht rond de verslaggeving is opgebouwd.

Het is de combinatie van 'cijfers' en 'regels' in de externe verslaggeving die bij dit vak centraal staat. Dat betekent dat je niet alleen je technische kennis en vaardigheden op het gebied van accounting verder ontwikkelt (zeg maar: rekenen en journaalposten maken) maar dat je ook steeds de 'waarom' vraag stelt: waarom moet ik in dit geval juist deze boeking maken? Mag het ook anders volgens de regels? Waarom zou je het anders willen? En waarom zijn de regels zoals ze zijn, zouden ze ook anders kunnen zijn? Niet iedereen vindt het makkelijk om te schakelen tussen techniek en de bredere context waarin de techniek wordt toegepast, maar het is een onmisbare vaardigheid voor iedereen die beroepsmatig met externe verslaggeving werkt. Het is ook wat externe verslaggeving tot een boeiend vakgebied met een eigen kleur maakt.

Onderwijsvorm

Hoorcolleges.
Werkcolleges.

Toetsvorm

Schriftelijk tentamen - individuele beoordeling.
Tussentoets - individuele beoordeling.

Literatuur

Leerboek: wordt nader bekend gemaakt.

Geselecteerde teksten uit wet- en regelgeving (public domain of toegankelijk via ubvu.vu.nl).

Vereiste voorkennis

Geen.

Aanbevolen voorkennis

Accounting I en Accounting II.

Voor studenten uit andere bacheloropleidingen:

- Bedrijfskunde: Accounting I en Accounting II;
- International Business Administration: Accounting en Accounting in Multinational Enterprises.

Overige informatie

De inhoud van dit vak wordt als voorkennis verondersteld bij het vak Advanced Financial Reporting in de Master Accounting and Control.

Financial Econometrics

Vakcode	E_EOR3_FTR ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. Blasques Albergaria Amaral
Examinator	dr. F. Blasques Albergaria Amaral
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

This course introduces students to advanced models and econometric methods in financial econometrics.

By the end of this course, participants will:

- (1) know how to design, code, estimate and analyze time-varying parameter models used in Finance;
- (2) understand the interplay between econometric techniques and modeling assumptions;
- (3) have used computational methods to solve econometric exercises;
- (4) know how to estimate parameters of structural models using simulation-based estimators;
- (5) have gained experience in working with real data.

Participation in this course is a worthwhile preparation for the master courses in the MSc Econometrics program. The econometric techniques discussed will also be beneficial to everyone planning to write a Bachelor's thesis in Financial Econometrics.

Inhoud vak

This course covers both theoretical and practical aspects of modern econometric models that are used by financial institutions, investment banks, central banks, governments, think tanks, and other research institutes.

The students are introduced to models in Finance that feature nonlinearities,

time-varying parameters and latent variables. In particular, the students learn how to design, implement, estimate and analyze both observation-driven and parameter-driven models.

This course further shows how to use simulation based methods and indirect inference for estimating the parameters of structural models in finance that feature latent variables.

Finally, from a practical perspective, the students also learn how to use these models in Finance to calculate important risk measures and design optimal portfolios.

Onderwijsvorm

Lectures, tutorials and practical computer-lab classes.

Toetsvorm

Final exam and group assignment – Individual assessment

Literatuur

Lecture notes and other material provided by teacher.

Other reading material:

Francq and Zakoian, 2011, GARCH Models: Structure, Statistical Inference and Financial Applications. John Wiley & Sons.

Tsay, 2010, Analysis of Financial Time Series. John Wiley & Sons.

Gourieroux and Monfort, 1996, Simulation-Based Econometric Methods. Oxford University Press.

Vereiste voorkennis

None

Aanbevolen voorkennis

This course builds on introductory time-series concepts. Attending courses such as "Introduction to Time-Series" in the minor of Applied Econometrics, or the third-year Bachelor course "Econometrics III", is not required, but certainly provides an adequate background knowledge.

Doelgroep

This course is targeted at both econometrics and non-econometrics students that have an understanding of basic mathematics, probability, statistics and time-series analysis

Financial Management in Health Care Organizations

Vakcode	E_EBE3_FMHCO ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics

Coördinator	dr. G. Budding
Examinator	dr. G. Budding
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

In the Netherlands more than 15 percent of the Gross Domestic Product (GDP) is spent on health care. Based on the long-term trends that are visible in healthcare, such as the aging population, comorbidity, individualization, self-direction and the unlimited availability of information, it is clear that the expenditure on health care will continue the coming years. The government is looking for measures to control this. In order to operate efficiently, health care managers knowledge of the playing field in which health care organizations are essential to make a good translation for the internal control on the basis of management information. The course Financial Management for Healthcare Organizations is part of the minor Health care management and provides students tools and instruments which are essential for the financial management of health care organizations such as hospitals, health insurers and primary care organizations.

At the end of this course students have developed knowledge and competences in different fields of financial management in the health care:

- Students are able to discuss the role of financial management in health care organizations (Academic skills);
- Students can explain how developments in health care affect cost of health care organizations (Academic skills);
- Students have knowledge of the different costing systems and are able to apply these costing systems in a health care context (Link with practice);
- Students are able to develop budget systems and are able to evaluate the effectiveness of budgeting (Link with practice);
- Students are able to explain the specific characteristics and additional requirements of financial reporting for health care organizations (Knowledge);
- Students are able to calculate and analyze financial ratios of health care organizations (Knowledge);
- Students understand the meaning of the governance codes for health care organizations and the quality of care these organizations deliver (Knowledge).

Inhoud vak

This course is relevant for SBE students who want to apply financial accounting, management accounting and management control knowledge in healthcare organizations. The course will also provide medicine students, earth & life science students and social sciences students who are going to work as clinicians or health care managers relevant financial management tools and instruments to deal with health care organization topics. More specifically, this course pays particular attention on the usefulness of management accounting information, management control systems and financial accounting information to support considered decisions in order to manage economically healthy businesses in the healthcare sector.

Onderwijsvorm

Lectures.
Tutorials (with cases).

Toetsvorm

Group assessments weekly cases (grades for case solutions as well as case presentation)
Multidisciplinary case assessment (grade for case solution as well as individual presentation)

Literatuur

Recommended reading: Zelman W.N., M.J. McCue, N.D. Glick and M.S. Thomas (2014). Financial Management of Health Care Organizations: An Introduction to Fundamental Tools, Concepts and Applications, 4th edition, John Wiley & Sons.

Obligatory reading: Syllabus Financial management in health care organizations (available on Canvas)

Vereiste voorkennis

None.

Aanbevolen voorkennis

None.

Financial Markets and Institutions

Vakcode	E_EBE3_FMI ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Wrampelmeyer
Examinator	dr. J. Wrampelmeyer
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

In the course students develop a deep understanding of financial markets, bank supervision and central banking (Academic skills, Knowledge). You learn to analyze real-life applications such as recent central bank and regulatory policies using the concepts from the literature (Bridging theory and practice). You solve problem sets (Quantitative skills) and form teams to work on case studies (Research skills).

After the course, you can:

- explain how financial markets and institutions affect everyday life as well as how they create value and why this is the case;
- state stylized facts of the term structure of interest rates;
- describe the structure of the banking sector and banking supervision;
- explain the main risks involved in banking and the most important tools to manage these risk;
- explain the need for regulation of the financial system;
- describe approaches to managing systemic risk and recent developments in the regulatory framework;

- define the principles of monetary policy;
- interpret decisions by central banks on monetary policy and how they affect the financial system and the real economy.

Inhoud vak

Financial markets are playing an important role in a modern economy. This course gives students an overview on how the financial system operates and where its weaknesses lie. It is an important building block for understanding our economy and students can connect micro and macro theories to the concepts developed in this course. The course also provides the necessary background for a future career in a policy environment or financial institution.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.
Interim Assignments – Group assessment.

Literatuur

- Mishkin, Matthews and Guiliodori (2013) Economics of Money, Banking and Financial Markets: European edition, 1st European edition, Pearson. ISBN 978-0273731801
- Additional readings will be announced on Canvas.

Vereiste voorkennis

Finance I or equivalent.

Aanbevolen voorkennis

Finance I, Finance II and Corporate Finance.

Overige informatie

It is not allowed to follow this course if you already earned credits (ECs) for the course Finance, Banking & Insurance from the old curriculum.

Financial Modelling and Derivatives

Vakcode	E_IBK3_FMD ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. T.C. Dyakov
Examinator	dr. T.C. Dyakov
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

In this course you will learn about financial modelling of risk and financial derivatives.

In the financial modelling module, the central concept is the

relationship between risk and return on financial assets (Knowledge). The goal of this part of the course is to gain insight into the risk associated with financial portfolios and investments and to be able to calculate/estimate such risk on the basis of historical data. Furthermore, other goal is to learn how to construct portfolios on the basis of mean-variance optimization and how to benefit from diversification possibilities. Finally, another goal is to learn how to compute expected returns on investments on the basis of the Capital Asset Pricing Model and multifactor models (Quantitative skills).

In the derivatives module, the goal is to gain insight into various financial derivatives such as futures and options, their properties, valuation and risks associated with them (Knowledge). Another goal is to learn how these derivatives can be used to hedge financial risks (Quantitative skills).

Upon accomplishing these goals, you will gain new academic, research and quantitative skills, as well as develop your professional knowledge in the area of financial risk and derivatives. Furthermore, by illustrating the concepts with examples of portfolios, investments and hedging problems provided by financial institutions, we will bridge the gap between theory and practice, enabling you to translate theoretical concepts into practical applications (Link to practice).

Inhoud vak

Central topics in financial modeling that will be discussed are:

- measures of risk in financial markets: variance and volatility of returns;
- trade-off between risk and return;
- estimation of average return and volatility;
- concepts of covariance and correlation; their estimation;
- risk and return of portfolios;
- diversification;
- universal risk measures: Value-at-Risk and Expected Shortfall;
- concept of efficient portfolio. Markowitz model;
- CAPM;
- risk premium and beta;
- multifactor models of risk.

Central topics in the part on derivatives that will be discussed are:

- types and characteristics of financial derivatives;
- use of derivatives in risk hedging;
- options: determining option price with the help of the binomial tree;
- sensitivities of options (Greeks);
- Black-Scholes model for option pricing and its assumptions;
- delta hedging of options;
- implied volatilities and volatility smiles;

Onderwijsvorm

Lectures.

Tutorials.

Toetsvorm

Written midterm test, written exam and computer assignment.

Literatuur

J. Berk and P. DeMarzo (2013), Corporate Finance, Pearson, 3rd Global Edition, ISBN 9781783990320, chapters 10-13, 20-22 and 30).

Aanbevolen voorkennis

Finance I and Quantitative Research Methods I and II.

Food and Quality of Life

Vakcode	E_MG_FQL ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. D.R. Essink
Examinator	dr. D.R. Essink
Lesmethode(n)	Hoorcollege, Werkgroep, Practicum, Computerpracticum
Niveau	200

Doel vak

- Be familiar with main concepts of nutrition science relevant for FNS analysis
- Understand what a healthy diet is
- Understand the relation between diets and quality of life outcomes: physical, mental and social
- Understand (behavioural/environmental reasons for food choices
- Understand differences in food intake/outcome between social groups
- Be able to collect and analyze data regarding food intake and outcomes
- Be able to critically reflect and communicate on contemporaneous FNS quality of life issues, such as the 'balanced diet'

Inhoud vak

Food and nutrition security are quintessential to quality of life. This course introduces basic health and nutrition science principles to zoom in on the effect of food on individual wellbeing: a balanced diet can contribute to prevent diseases and improve cure rates, improve productivity and nutrition is an important aspect of social relations and wellbeing. The course starts by understanding the composition of nutrition (e.g. what are macro/micro nutrients) and the basic metabolism processes in the body. Thereafter we relate food intake to the concept of a healthy diet and quality nutrition. This student will learn to conduct research into food intake (food frequency questionnaires / 24 hour recalls/food diaries). Thereafter we will relate the food intake to specific health outcomes and conduct basic quantitative analysis into these. The emphasis is on outcomes in relation to health, here we will go into basic measurements such as BMI, stunting, wasting. We will also assess how food intake will contribute to improved educational attainment and labor productivity. Students will further understand how foods, even those that contribute to ill health, may positively affect individuals social life's and their quality of life. Lastly we will also explore how individuals make decision in relation to food intake.

Onderwijsvorm

Lectures, workgroups, practicals, peer review

Toetsvorm

Exam (60%), assignments (30%), presentation (10%)

Literatuur

Book chapters, articles, lectures and other literature made available on Canvas

Vereiste voorkennis

The minor is designed for students from all disciplines. The interdisciplinary nature of the minor broadens the 'more disciplinary' perspective taught to students in the major.

Aanbevolen voorkennis

Preferably students either have followed the first two courses of the minor or have Insights into nutrition sciences and basic statistical skills

Doelgroep

The main target population is all third year VU bachelor students. Students outside the VU will also be targeted, such as at UvA. Because the minor is interdisciplinary, the minor should also be of interest for economics and health sciences students. We specifically aim for a diverse group as we strongly believe that interdisciplinary research is best taught through active interaction between students from different disciplinary backgrounds.

Overige informatie

Food and nutrition security are quintessential to quality of life. This course introduces basic health and nutrition science principles to zoom in on the effect of food on individual wellbeing: a balanced diet can contribute to prevent diseases and improve cure rates, improve productivity and nutrition is an important aspect of social relations and wellbeing.

Foundations and Forms of Entrepreneurship

Vakcode	E_BK3_FFE ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. W. Stam
Examinator	prof. dr. W. Stam
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Academic skills: Students are able to critically analyze the opportunities and constraints that shape entrepreneurship in different contexts using insights from academic literature, and can provide theoretically sound recommendations for overcoming key management challenges faced by entrepreneurs.

Research skills: Students are able to conduct a feasibility study of a new business idea that validates the proposed customer needs and market potential by systematically collecting, analyzing, and reporting relevant data.

Knowledge: Students understand the core theories and concepts in the field of entrepreneurship, they are able to analyze, compare, and apply these theories, and are knowledgeable about the different types of entrepreneurship and the process of launching new entrepreneurial ventures.

Bridging theory and practice: Students are knowledgeable about the importance of entrepreneurship in the 21st century global economy as well as recent developments in entrepreneurial activity across different contexts, and are able to apply entrepreneurship theories and concepts to identify solutions for management challenges faced by real world entrepreneurs.

Social skills: Students are able to work effectively in teams and are able to orally present their own business ideas as well as solutions to assignments that require them to develop a theoretical analysis and practical recommendations regarding entrepreneurship-related management problems.

Inhoud vak

Foundations and Forms of Entrepreneurship is an introductory course for students who like to learn about entrepreneurship, its role and importance in our society, and the process by which entrepreneurs transform new ideas into successful business ventures. Entrepreneurship is commonly associated with the creation of new businesses, but it also captures a distinct mindset that is valuable across a wide range of contexts. In this course, students learn to understand and apply basic theories from economics, sociology, and psychology to study key topics in entrepreneurship. These include the role of entrepreneurship in economic growth; traits, motivations and behaviors of entrepreneurs; the process of identifying, evaluating and exploiting entrepreneurial opportunities; business planning and financing for new ventures; managing growth and founder-CEO succession; social entrepreneurship and corporate entrepreneurship. Theoretical understanding of these subjects is applied to real world cases focusing on key management challenges faced by entrepreneurs, and a team project in which students conduct a feasibility study to validate the customer needs and market potential for a new business idea.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Assignments – Group assessment
Assignments – Individual assessment
Written exam – Individual assessment
Mandatory attendance tutorials and (guest) lectures

Literatuur

Textbook
Selection of articles and cases

Vereiste voorkennis

Students must have completed at least 90 EC of their own Bachelor programme.

Overige informatie

This course is the first course of the SBE Minor in Entrepreneurship.

Foundations of Business Administration

Vakcode	E_MB_FBA ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. V. Duplat
Examinator	dr. V. Duplat
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Have you ever asked yourself why organizations such as Uber or Airbnb grow so fast? How do newspaper publishers or bookstores take advantage of the digital revolution? Why do some clothing brands opt for the franchise for internationally expanding and others like Zara don't? What makes the success of Tesla cars wider in some countries than in others? Searching for answers to questions like those is the main challenge of managers nowadays. Managers must deal with the sustained pace of changes characterizing current economic, legal and technological environments throughout the world. This requires them to think out of the box and to continuously adapt the design of their organizations. New approaches to business and management constantly emerge. The course 'Foundation of Business Administration' provides insights in traditional and new approaches, while adopting an even-handed appreciation for theory and practice. The students learn to apprehend real-world business situations by applying specific theoretical perspectives or using related analytic tools. To do so, the course familiarizes the students with the three main theoretical perspectives on organizations (Modern, Symbolic-interpretative and Post-modern perspectives) and presents analytical tools and framework rooted in those perspectives. After following the course students:

- Have an advanced understanding of the traditional and emerging theoretical frameworks and concepts developed for studying organizations
- Are able to adopt theoretical frameworks and apply tools and framework to real-world situations and organizations
- Are able to report, expose and defend their analyses and business recommendations, both verbally (report) and orally (presentation and video)
- Are able to work in small teams and efficiently allocate tasks among team members under time pressure

Inhoud vak

The course is devoted to the study of organizations. During the lectures, three main theoretical perspectives and related sets of assumptions are introduced. These lectures are organized in five parts: (1) introduction of the three perspectives and their assumptions over time, (2) interdependency between organizations and their environment, (3) organizational social structure and organizational culture, (4) technology and physical structure of organizations, and (5)

organizational power, control and conflict. Throughout the lectures, each perspective, concept and analytical tool is presented by referring to real-world and current business situations. Business and managerial articles from Harvard Business Review, McKinsey Quarterly and MIT Sloan Management are associated with each lecture to enrich students' learning and bridge theory with practice. In addition, lectures are combined with a company visit, business case studies and a consulting project. Students are challenged to mobilize the content of the lectures for building their own understanding of choices made by organizations. This course is relevant for students wishing to appreciate challenges that organizations face and how those challenges can be approached and dealt with. The different fields of expertise of the students who attend the course represent a key asset. This diversity is used as a means to strengthen the learning experience!

Onderwijsvorm

Lectures, tutorials and a company visit. Lectures start with a practice-oriented question, which is addressed by introducing theory. A company visit will offer students an opportunity to understand how firms must quickly adapt their business model and physical structure to the rapidly changing technological environment and worldwide competition. Throughout the tutorials, students will apply the theoretical frameworks and analytical tools introduced in the lectures to real-world organizations and situations. To this end, the tutorials combine two case studies and a consulting project. Via lectures and tutorials, students are encouraged to develop and expose their personal position on choices made by existing organizations. They are also expected to actively contribute to the group's experience and learning.

Toetsvorm

Three group assignments under the form of a consulting project (oral presentation, video-making, and written reports), one individual assignment (essay), and a final written exam.

Literatuur

- Required reading: Hatch & Cunliffe, Organization Theory. Modern, symbolic and postmodern perspectives. 3rd edition. Oxford: Oxford University Press, 2012.
- Selection of business and managerial articles that will be posted on Canvas.

Foundations of Microeconomics

Vakcode	E_ME_FM ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. P.A. Gautier
Examinator	prof. dr. P.A. Gautier
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

This course introduces you to modern microeconomics. At the end of the course you:

- (1) can abstract from irrelevant details.
- (2) can apply economic concepts and theory to analyze concrete problems;
- (3) are able to interpret economic news.

Inhoud vak

Topics to be discussed are:

- Consumers, sellers and Incentives;
- Perfect competition, Trade;
- Externalities and public goods;
- Labor market/ human capital/unemployment;
- Economics of Information;
- Game theory/ Auctions;
- Socio/behavior economics.

Onderwijsvorm

Lectures and working groups

Toetsvorm

Grade is average of problem sets (30 %) and written examination (70%), with written exam grade of at least 5.0.

Literatuur

Acemoglu, Daron, David Laibson and John A. List, 2016, Economics, Harlow, Essex, Pearson Education Ltd. ISBN 13: 978-1-292-07920-2, incl. access code MYECONLAB.

Vereiste voorkennis

Basic knowledge of math and statistics, as provided in the academic core of any academic program at the Vrije Universiteit Amsterdam or equivalent.

Foundations of Strategic Management

Vakcode	E_IBK3_FSM ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. B.V. Tjemkes
Examinator	dr. B.V. Tjemkes
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

At the end of the course, students should be able to:

- Critically reflect on foundational texts and central approaches and theories in strategic management and their underlying assumptions, by reading and interpreting texts from leading authorities in strategic management;
- Recognize, understand, construct, and critically assess positions in classical scientific debates in strategic management;
- Develop an own well-substantiated positioning in relation to a particular contemporary strategic management debate based on literature

study

- Engage in a process of self-reflection and critically review the work of peers and suggest improvements.

Thus by following this course, students advance essential scholarly knowledge and research skills within the area of strategic management which goes beyond introductory courses such as Organization Theory and (International) Strategy. They also develop a well-informed overview of the general field by reviewing each other's work and by providing recommendations that aim at helping to improve course participants' work. As such students will also develop their social skills. Together, these skills constitute an essential basis for successfully continuing master studies in the area of strategic management and organization.

The course focuses primarily on the following overall learning objectives in line with the IBA/BK bachelor programmes:

- Academic skills in analysis, abstraction, argumentation, and application.
- Knowledge in terms of a comprehensive understanding of the fundamentals with distinctive in-depth knowledge of the strategic management discipline.
- Broadening students horizons by having a good understanding of current events on a global scale.

Inhoud vak

The course aims to familiarize students with a number of classical and influential debates in the strategic management literature. This includes examining some of the "founding fathers" of strategy, such as Sun Tzu and Marcus Aurelius as well as the work of more contemporary management thinkers such as Michael Porter, Henry Mintzberg, and Alfred Chandler. Students will read both original texts as well as recent studies applying these perspectives, in order to gain a better understanding how classical debates inform current strategic management research and practice.

In addition to acquiring general knowledge about the scientific field of strategic management, the focus is on critically reviewing the literature. Particular attention will be given to identifying and assessing different and potentially diverging positions in these central debates in the field. Students are thus invited and challenged to develop their own opinion and a genuinely scholarly attitude towards the literature. This approach will build on the dialectical approach, which has for instance been adopted in (international) strategy. This not only contributes to a deeper understanding of central debates in strategic management, but also provides an important basis for a students' further development in this field.

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

Research Paper – Individual assessment

Essay – Individual assessment

Literature review and presentation – Team assessment

Literatuur

This course is article based.

Readings will be announced in course manual.

Aanbevolen voorkennis

BK:

1.2 Organization Theory; 1.3 Academic Skills; 2.2 Strategy; 2.5 Corporate Entrepreneurship

IBA:

1.2 Organization Theory; 1.3 Academic Skills; 2.2 International Strategy; 2.4 BRM I - Quantitative

From Cell to Society

Vakcode	W_FCTS ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. P. Verdonk
Examinator	dr. P. Verdonk
Docent(en)	dr. P. Verdonk
Lesmethode(n)	Hoorcollege, Practicum, Studiegroep
Niveau	300

Doel vak

Overall aims of the course (scientific and clinical):

Aim of the course is to offer an in-depth overview of sex/gender and diversity aspects in medicine from cell to society, to provide an overview of sex/gender and diversity and their implications across a wide range of disciplines (e.g. basic science, pharmacology, cardiology, mental health, social medicine) and health conditions. The students practice a critical approach to existing evidence and learn the tools to apply this knowledge to medical practice. Professional development specifically aims towards the integration of learning pathways in particular: development of reflexivity, ethics (social justice), academic development (critical analysis), patient safety (drug development), professional communication.

Learning goals: after the course students are able to

- Describe the meaning of sex/gender and other aspects of diversity for health and illness
- Explain the role of sex/gender and other aspects of diversity for diagnose and therapy and present examples
- Describe and explain the role of diversity in major health issues such as coronary heart disease and lifestyle and mental health problems and apply this knowledge to patient cases
- Describe theoretical developments and concepts in the field of gender and diversity medicine including cultural competence, bias, gender awareness, diversity
- Explain the intersections of aspects of diversity in health and illness (intersectionality perspective)
- Recognize and explain gender and diversity bias in research and practice and its consequences for clinical practice
- Apply a gender and diversity lens to academic papers, research proposals, presentations

Inhoud vak

General background

Health disparities and inequalities exist between men and women across (socio)cultural backgrounds, class, sexual orientation, abilities and age (intersectionality framework). To date, a sex/gender and diversity perspective is insufficiently incorporated in research from fundamental research to drug trials and in medical practice. Understanding the antecedents of differences and inequalities and their connections to biological and social processes is important to improve quality of health and health care for both women and men across their intersections. In this course, we will give an in-depth overview of the relevance for clinical practice of these issues across a number of disciplines and health conditions. In week 1, we address sex (biological) differences in basic sciences (e.g. clinical conditions, coronary heart disease) and musculoskeletal diseases and we address sex/gender and research, including women's exclusion from drug trials. In week 2, we address how gender (sociocultural aspects) and cultural background are related to public health issues in particular lifestyle, cardiology and we discuss sex/gender and ethnicity in pharmacological treatment. In week 3, we will focus on gender and class (incl. poverty and education) in relation to mental health particularly depression and stress. In week 4, we focus on the intersections between sex/gender, sexual orientation, and cultural/religious background and how they relate to health and health care.

Onderwijsvorm

Lectures and small group practicals

Toetsvorm

- Presentation of an article from the literature list
- Writing a paper on gender and diversity in medicine, topic of choice
- Final examination (open book, open questions)

Literatuur

Articles. A full literature overview will be placed on Canvas

Vereiste voorkennis

Students have to fulfill the requirements of participation in a VUmc School of Medicine minor Bacheloryear 3

Doelgroep

All students with an interest in gender and diversity in medicine from an intersectional perspective

General History

Vakcode	L_GABAALG013 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. S.W. Verstegen
Examinator	dr. S.W. Verstegen
Docent(en)	dr. S.W. Verstegen
Lesmethode(n)	Hoorcollege

Niveau	100
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Doel vak

Knowledge and insight in the development of world history and civilizations from antiquity to the present day from a cultural, religious, political, economic and social perspectives. Acquire basic knowledge necessary for a better understanding of the historical background of different civilizations and their interacting.

Inhoud vak

The course 'general history offers a brief orientation in global history, its general trends from the Antiquity to the present, and its current methods and historiography. The course focuses on the main trends in the history of civilizations all over the world and deliberately avoids an European centred world view. Working from the heritage available in Dutch museums the lectures elucidates what we know and what we don't know of our common past. We approach world history by looking at the world of Antiquity, world religions, cultural and scientific history, political, social and economic history and world history from an anthropological perspective.

Onderwijsvorm

Lectures in the English language.

Toetsvorm

Assignments and final exam. Class participation is mandatory (80%).

Literatuur

Eric Vanhaute, World History. An introduction (Londen, 2012).

Vereiste voorkennis

First year completed.

Doelgroep

This minor is open to third year BA students from all disciplines.

Overige informatie

This course is the first course in the minor History. It offers an introduction to the minor and to the study of world history.

Global English

Vakcode	L_ETBAETK209 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. L.M. Rupp
Examinator	dr. L.M. Rupp
Docent(en)	drs. E. Akkerman, dr. L.M. Rupp
Lesmethode(n)	Werkcollege, Hoorcollege
Niveau	200

Doel vak

Knowledge

You are able to describe the salient features of major varieties of English, and the way in which these varieties have evolved. You are able to describe theories of language variation and change, language acquisition, and language and identity, as well as methods in teaching English as a second or foreign language/lingua franca. You are able to describe the use of corpus analysis as an empirical method for linguistic research. You are also able to name and describe some of the most important corpora that can be used for research in the area of Global English and research in the area of English linguistics more broadly.

Skills

You are able to apply this knowledge in analyses of concrete situations of the globalization of English, for instance English language-teaching or language policy-making in the domains of education, government and business. You are able to apply corpus linguistic techniques to the analysis of a number of issues in Global English.

Attitude

You are able to present a well-informed perspective of the nature of different Englishes and the impact of the globalization of English on speakers of English around the world.

Communication

You are able to present results of a small linguistic research project of your own on a Wiki page.

Competence

You are able to identify situations in which corpus analysis is useful.

Inhoud vak

In the lecture, we consider the world-wide spread of the English language. We begin with areas where English is spoken as a first language (England, the Celtic countries, the US, Australia, etc.). We then move on to regions where English is spoken as a second language (Africa and Asia) and from there to regions where English is used as a foreign language or lingua franca (e.g. Europe, the Netherlands). We will explore different issues in the globalization of English. These include linguistic aspects (variation in English, World Englishes), social issues (dialect perception, attitude to language, and language and identity), literary concerns (postcolonial literatures), and the impact on education, business and other domains (language policy).

In the seminar, we address issues that have arisen from the lectures or the reading, and we discuss assignments.

In the practicum you will be introduced to the field of corpus linguistics as a research method for analysing linguistic data. You will apply this to the study of Global English.

Onderwijsvorm

Lecture (2 hours per week), seminar (2 hours per week) and practicum (2 hours per week).

Toetsvorm

Exam (50%, individual mark) and a Wikipage on a variety of English (50%, group mark).

Literatuur

Schneider, E.W. 2001. English Around The World. Cambridge.
Other literature and materials will be made available in class and on Canvas.

Vereiste voorkennis

Students must have followed Academic English CIS-L&S Grammar (L_EABAALG103) and Academic English CIS-L&S Writing (L_EABAALG104).
Students Minor English should contact the Education Office of FGW for course registration.

Doelgroep

Second-year students CIW and Literature & Society, third-year minor students, and international students.

Overige informatie

Class attendance is obligatory (80%). Participants will also need to have submitted 80% of the weekly assignments set in order to be assigned a grade for the course.

Global Political Economy

Vakcode	S_GPE ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	dr. M. Hoijtink
Examinator	dr. M. Hoijtink
Docent(en)	dr. M. Hoijtink
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

- Acquiring knowledge of and insight into the contemporary global political economy, in particular how the contradictory process of globalization reshapes the relationship between states and markets;
- Introduction to and an understanding of rival concepts and theories within International Political Economy and their application to issues in contemporary global political economy.

Inhoud vak

This course offers students an introduction to the subject of International Political Economy (IPE). Throughout, the course will be guided by the question to which extent, and how, the current process of globalization is changing the relationship between states and markets, between public regulation and the private economy, between state and capital. Traditionally IPE studies the relationship between 'the economic' and 'political' within the interaction of – patterns of co-operation and conflict between – national states. If anything, the global financial and economic crisis of 2008 and beyond has made clear that this state-centric perspective is no longer adequate. At the same

time the crisis has also shown that states, although apparently vulnerable in the face of global market forces, are also crucial when it comes to protecting the workings of global capitalism. This shows that indeed the relationship between states and markets is not a one-way street. In other words, politics and policies are shaped by the interests and activities of transnational (market) actors and by economic globalization but the latter is also driven by politics, and shaped (indeed enabled) by the policy choices that states make. It is from this perspective that this course will examine the various approaches within international political economy; the historical evolution of the global political economy; the globalization of production and the role of transnational corporations; the international monetary system and the globalization of finance; the global financial crisis and the eurozone crisis; the political economy of development; the rise of China and other emerging powers, and the political economy of energy and the environment.

Onderwijsvorm

Lectures.

Toetsvorm

Written Exam.

Literatuur

Balaam, D.N. and B. Dillman (eds). (2014). Introduction to International Political Economy. Pearson New International Edition (Latest edition). Harlow: Pearson Education.

Aanbevolen voorkennis

Some introductory-level knowledge of political science and International Relations as well as of basic (macro-)economics is recommended but relevant concepts will also be explained in class.

Doelgroep

Students Bachelor Political Science; Minor Political Science; exchange students

Governance and Regulation of Emerging Technologies

Vakcode	R_GRET ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	prof. mr. A.R. Lodder
Examinator	prof. mr. A.R. Lodder
Docent(en)	prof. mr. A.R. Lodder
Lesmethode(n)	Hoorcollege, Leergroep
Niveau	200

Doel vak

The aim of this course is explore various ways to regulate and govern societal changes caused by new technological developments. After this course the student knows and understands the various regulative and governance instruments, such as laws, regulation via technology,

self-regulation, standardisation, and how and when to apply these to new technologies, including so-called disruptive technologies like Ueber, whole genome sequencing, Airbnb, block chain technology.

Inhoud vak

This introductory course of the Minor Technology, Law and Ethics offers an introduction into and overview of ways technology can be regulated. Important general concepts to be discussed are the economy (market powers), the law (regulation and case law), social conventions and ethics, and the architecture (e.g. the software). Basically three angles can be used to approach a technological development:

1. The Possible: what is technically feasible? (Technology)
2. The Desirable: do we like it, do we want it? (Ethics)
3. The Permissible: do we allow it? do we permit it? (Law)

For all emerging technologies we have to think about these three questions. The answers can roughly be categorized as:

White: It is possible, desirable, and permissible.

Grey: It is possible and permissible, but desirable?

Black: It is impossible, or possible but not permissible.

We will analyze different kinds of emerging technologies, and discuss in what categories we believe they belong (white/grey/black)

Onderwijsvorm

Lectures and tutorials

Toetsvorm

Written exam

Literatuur

Material will be made available via the electronic learning environment

Doelgroep

Apart from regular students, the course is also available for:

Students from other universities/faculties

Contractor (students who pay for one course)

Governance of Global Sustainability

Vakcode	AB_1229 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	prof. dr. P.H. Pattberg
Examinator	prof. dr. P.H. Pattberg
Docent(en)	prof. dr. P.H. Pattberg, prof. M. van Vugt
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

After this course students:

1. can explain key concepts from social and behavioral sciences relevant for the study of sustainability;
2. can characterize main modes of governance and behavioral triggers;
3. can explain the role of the social system in socio-environmental

systems;

4. are aware of methods to quantify/qualify the state of governance and institutional/organizational change;

5. can identify Strengths, Opportunities, Threats and Weaknesses (SWOT) related to specific transitions strategies.

Inhoud vak

How can we govern the transition towards a more sustainable society?

What are the mechanisms, interventions and governance approaches that are able to change unsustainable patterns and structures? The course addresses these questions related to people at various levels of aggregation: at the individual and social group level, at the level of organizations (such as the United Nations or the World Trade Organization), and at the level of political institutions (such as the state/government, cities/regions and private/transnational regimes). Our course will consequently survey the existing modes of governance towards behavioral and institutional change: authority, markets and networks. Methods to assess governance and transformative change are addressed and students identify for their specific case studies what strengths, opportunities, weaknesses, and threats are associated to the 'people dimension'. The course comprises lectures, workshops and a negotiation simulation and is evaluated through written assignment and a written exam.

Toetsvorm

The course will be evaluated through

1) an assignment, consisting of a) a presentation (10%) and b) a short student report (1500 words) regarding the governance/behavioral aspects of their topic and associated SWOTs (20%).

2) an exam (70%), which will be composed of multiple choice and open questions.

Literatuur

For each week, a selection of articles will be made to be studied in advance. For background reading on the key concepts and empirical issues covered in this class, we will use Encyclopedia of Global Environmental Governance and Policy (edited by P. Pattberg and F. Zelli), Edward Elgar Publishing. There is an affordable paperback version available from the VU bookstore. Individual chapters can also be assessed via the VU library's electronic sources.

Aanbevolen voorkennis

Interest in sustainability issues and social questions

Grand Challenges for Sustainability

Vakcode	E_IBA3_GCS ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. G.C. van der Meijden
Examinator	dr. G.C. van der Meijden
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Academic skills / Knowledge

- the biophysics behind global environmental problems such as climate change and biodiversity loss;
- the importance of the 17 Sustainable Development Goals (as agreed upon in 2012 by the UN General Assembly) for achieving sustainable development;
- the determinants of economic growth and development;
- why the management of natural resources cannot be left to the free market;
- the role of good governance, both by governments and multinational firms, for achieving sustainable development;
- whether the government can, and, if so, how the government should intervene to obtain sustainable development and how to combat poverty, climate change, biodiversity loss, and resource depletion;
- the role of cities, in which more than half of the world population currently lives, for achieving sustainable development

Research skills / Quantitative skills

After successfully completing this course, you are able to explain:

- will be acquainted with theoretical and empirical methods necessary to study economic growth, the effects of market failures, the optimal management of natural resources, the potentially adverse effects of resource abundance, and the effects of different policy interventions

Bridging theory and practice

- you can explain how the management of renewable natural resources, such as fisheries, works in practice (through the experiences you have gained from a game you have played in an interactive in-class setting)

Social skills

After successfully completing this course, you are able to

- present and actively discuss themes relevant to this course

Broadening your horizon

After successfully completing this course, you are able to explain

- the interactions of the world economy, global society, and the natural environment that are important for sustainable development;
- why sustainable development calls for socially inclusive and environmentally sustainable economic growth.

Inhoud vak

Sustainable development is the central challenge of our days. Currently, the Earth is inhabited by 7.2 billion people (9 times more than at the start of the Industrial Revolution in the 18th century) who together produce more than 90 billion US dollars of output (200 times more than at the start of the Industrial Revolution). Both population and output are projected to keep on growing during the next decades. Furthermore, our world is increasingly interconnected through trade, migration, technology diffusion, knowledge flows, and social networks. As a result, human influence on the Earth's physical processes has been increasing. Nowadays, in the Anthropocene, human activity is even deemed to be the dominant influence on the Earth's climate and natural environment. Although two decades of economic development have brought widespread prosperity, more than a billion people are still living in extreme poverty. Moreover, by crossing planetary boundaries human activities may plunge the world into a gigantic environmental crisis caused by climate

change and biodiversity loss. In order to eradicate poverty and to prevent environmental catastrophes, a transition needs to be made from the business as usual (BAU) to a sustainable development (SD) path. Making this transition requires good governance, not only by governments, but also by citizens and businesses. The objective of this course is to characterize a path of sustainable development and to identify the Grand Challenges that the world faces in making the transition from BAU to the SD path.

The course is organized around the Sustainable Development Goals as adopted by the UN in 2015. The first week will start with a general introduction that sketches several important sustainability issues, illustrated by empirical evidence. During the course, we pay attention to the scientific as well as to the economic and societal dimensions of the identified challenges for sustainability. Furthermore, both the positive or analytical side (i.e., how to make sense of the interactions of the economy, society and the environment?) and the normative or ethical side (i.e., what should be the objectives of a well-functioning society?) of sustainable development will be discussed during the course. The topics that will be dealt with during the course are:

1. Growth and development: capital accumulation and technological change;
2. Ending global poverty, education, and health;
3. Management of natural resources and planetary boundaries;
4. Climate change: climate science and environmental policies;
5. Biodiversity and land-use change; 6. Global governance and resilient cities.

Onderwijsvorm

Lectures (with interactive elements)
Tutorials (including presentation and discussion sessions)
MOOC (to prepare at home for the lectures and tutorials)

Toetsvorm

Written exam – Individual assessment
Interim Assignments – Group assessment

Literatuur

Sachs, Jeffrey D., The Age of Sustainable Development, 2015, Columbia University Press, New York.
Collection of articles.

Aanbevolen voorkennis

Microeconomics

Hadith-wetenschappen

Vakcode	G_HADITHW ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. Y. Ellethy
Examinator	dr. Y. Ellethy
Docent(en)	dr. Y. Ellethy
Lesmethode(n)	Hoorcollege

Doel vak

De student kan:

- de terminologie op het gebied van de hadithwetenschappen benoemen en definiëren, uitleggen en toepassen.
- vergelijkingen maken tussen westerse historische methodologie en Hadithmethodologie.
- de niet-islamitische en islamitische kritiek tegen de autoriteit van de Soenna en de betrouwbaarheid van de Hadithmethodologie weergeven, bediscussiëren en hierover argumenteren
- uitleg geven over de belangrijkste concepten van de principes van de hadithwetenschappen [ul al-adth].
- de inhoud van een aantal in het college behandelde Koran- en Hadithteksten weergeven en deze teksten analyseren en uitleggen volgens de methode van de Koran- en hadithwetenschappen.
- in hoofdlijnen iets vertellen over de hedendaagse discussies en problematiek van de hadith in de moderne tijd.
- de belangrijke Soenna-hadithliteratuur benoemen en hierover uitleg geven.
- de hadiths classificeren en toeschrijven aan een bepaalde autoriteit en deze classificeren.

Inhoud vak

Hadith-wetenschappen is een vervolg op en en verdieping van Inleiding in de Koran en Soenna. De inhoud wordt verdiept met meer aandacht voor: hadithwetenschappen/methodologie, terminologie van de hadithwetenschappen usul/mustalah al-hadith, en de hedendaagse discussies over de autoriteit van de Soenna. Het gaat dus om: geschiedenis van usul al-hadith, classificatie van de hadiths, analyse van isnâd/sanad en matn, relatie tussen Koran en Soenna , deconstructie en beoordeling van een sanad, leeswijze van een sanad, criteria van betrouwbaarheid van een overlevering/overleveraar, aanvaardbaarheid en onaanvaardbaarheid van een hadith, aantasting van een isnâd of matn, hadith commentaar (sharh) en methodes van takhrij van een hadith.

Onderwijsvorm

Hoor- en werkcolleges met schriftelijke opdrachten en tussentijdse papers. Een klassieke bron-tekst (matn) van de hadithmethodologie wordt uitgelegd en geanalyseerd; een aantal relevante artikelen, boekhoofdstukken en hadith teksten worden behandeld. Er wordt aandacht gegeven aan de interactieve deelname van de studenten. Vragen worden aan het begin van het college beantwoord en besproken. Aan het eind van de serie hoorcolleges wordt een werkstuk gepresenteerd, in werkgroep besproken en beoordeeld.

Toetsvorm

schriftelijk tentamen (80%) + schrijfopdracht' (20%)

Literatuur

Verplicht:

- Azami, M., Studies in Hadith Methodology and Literature, Indianapolis: American Trust publications, 1977
- Brown J., "The rules of Matn criticism:There are no rules", Islamic

Aanbevolen:

- Ibn Al-Salah, An Introduction to the Science of the Hadith, trans. Dickinson E., Reading: Garnet Publishing Ltd, 2006
- Kamali M., A Textbook of Hadith Studies, Leicestershire: The Islamic Foundation, 2009
- Maloush T., Early Hadith Literature and the Theory of Ignaz Goldziher, Phd thesis, University of Edinburgh, 2000
- Siddiqi, M., Hadith for Beginners, New Delhi : Goodword Books, 2000 (VU Bibliotheek)

Aanbevolen voorkennis

Inleiding in de Koran Soenna, Arabisch VI, Geschiedenis van de Islam tot 1800.

Overige informatie

Aanwezigheid 80%.

Health Care Management

Vakcode	E_EBE3_HCM ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. T.L.C.M. Groot
Examinator	prof. dr. T.L.C.M. Groot
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

This course introduces organizational theories that are relevant to health care organizations. Students will practice in applying these theories to real-life problems in health organizations. Both approaches contribute to enabling students to:

- gain understanding of different management practices (Knowledge; Bridging theory and practice);
- analyse the influence of management practices on motivation of individuals (Research skills);
- understand and solve situations of conflict within health care organizations (Academic skills; Knowledge; Bridging theory and practice);
- develop strategies for health organizations (Research skills; Bridging theory and practice);
- have theoretical and practical insight into leadership and leadership styles (Knowledge; Bridging theory and practice);
- communicate effectively (Social skills);
- manage and coordinate teams of health care professionals (Knowledge; Social skills).

Inhoud vak

Health organizations are fast changing entities, partly driven by new technological developments and by social complexity. This course helps students how to effectively contribute to the performance in health care

institutions. This requires a good understanding of the macro-elements of organizational behavior, such as management abilities and strategic orientation. The following subjects will be addressed: motivation, management of professionals, leadership and leadership styles, and communication. In this course, relevant management theories will be discussed and applied to the health care sector. Students will practice in work groups on the assignment to prepare a policy paper.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Written exam – Individual assessment.
Assignment – Performance as project manager.

Literatuur

Textbook to be announced.
Additional reading (will be published on Canvas).

Vereiste voorkennis

None.

Aanbevolen voorkennis

None.

Health Economics

Vakcode	E_EBE3_HEC ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. M. Lindeboom
Examinator	prof. dr. M. Lindeboom
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

In this course students learn to:

- make economic analyses of health care policies (Knowledge; Research Skills);
- analyse health care policy objectives (Research Skills);
- measure the extent in which health care policy objectives have been reached (Research Skills);
- formulate economic requirements for effective health care systems (Academic Skills);
- identify causes of cost increase in health care (Academic Skills);
- perform longitudinal analyses of cost developments in health care (Research Skills);
- design measures for effective cost containment (Academic Skills).

Inhoud vak

The central theme of this course is the economic optimization of health care systems. This course provides students the necessary

economic knowledge to analyse health care policy and to analyse the economic effects of health care policy measures. The following topics will be addressed:

- health care system's main objectives;
- methods to evaluate the economic performance of health care;
- the analysis of the influence of market coordination;
- the causes of growth in health care expenditures;
- diversification of health care processes and ways to control this variation;
- cost control in health care.

Onderwijsvorm

Lectures.

Tutorials.

Toetsvorm

Written exam - individual assessment.

Assignment (policy report).

Literatuur

Selection of chapters from Bhattacharya, J., T. Hyde and T. Tu (2014): Health Economics, Palgrave McMillan.

Papers, to be published on Canvas.

Vereiste voorkennis

None.

Aanbevolen voorkennis

None.

Het boek: papier en digitaal

Vakcode	L_AABAALG067 ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. P.H. Moser
Examinator	dr. P.H. Moser
Docent(en)	dr. P.H. Moser
Lesmethode(n)	Werkcollege
Niveau	200

Doel vak

Deze cursus biedt inzicht in actuele ontwikkelingen in het boekenbedrijf. Je krijgt antwoord op de volgende vragen: Welke invloed hebben nieuwe media op de productie, distributie en receptie van het boek? Wat verandert er in de uitgeverspraktijk met Printing on Demand en self-publishing? Als artikelen en boeken via Open Access toegankelijk worden, wie betaalt dan de rekening? Welke nieuwe mogelijkheden bieden digitale edities voor wetenschappers en voor het brede publiek, en welke eisen stellen ze aan makers en gebruikers? Zijn digitale ontwikkelingen een bedreiging of een kans voor boekhandels en bibliotheken? Gaan mensen anders lezen als ze een e-book gebruiken? Je leert de verschillende

argumenten te wegen. Aan het eind van de cursus ben je in staat om weloverwogen deel te nemen aan het debat over de impact van digitalisering op boekenbedrijf en leesgedrag.

Inhoud vak

De cursus belicht de digitalisering van het boek aan de hand van zeer recente studies. Op basis van wetenschappelijke achtergrondliteratuur (overwegend in het Engels), discussies in de media en praktijkvoorbeelden (bijv. bestaande edities) krijg je inzicht in de problematiek. Aan de hand van prikkelende stellingen (die aangereikt worden door onderzoekers en professionals) leer je een eigen visie hierop te formuleren. Door de cursus heen verzamel je argumenten om je standpunt te onderbouwen; je legt hiervan een leesdossier aan. De cursus wordt afgesloten met een debat over de stellingen. Er is aandacht voor zowel de wetenschappelijke als de maatschappelijk-culturele aspecten van het vakgebied en de beroepspraktijk. Hiermee is het vak tegelijk onderzoeksgerelateerd en biedt het mogelijkheden voor loopbaan- en arbeidsmarktorientatie.

Onderwijsvorm

Werkcolleges

Toetsvorm

De toetsing bestaat uit de volgende onderdelen: portfolio/leesdossier (50%), deelname aan slotdebat (50%).

Literatuur

Het onderstaande is een voorlopige indicatie van het studiemateriaal. De definitieve literatuurlijst wordt minimaal twee weken voor de cursus via Canvas bekend gemaakt. Het studiemateriaal omvat onder meer (delen van):
XXX

Vereiste voorkennis

Geen.

Aanbevolen voorkennis

Geen.

Doelgroep

Verplichte module voor studenten van de minor Aan de slag met literatuur; keuzemodule voor andere geïnteresseerde studenten.

Overige informatie

Je mag één college missen. Wie twee colleges mist, moet een vervangende opdracht maken. Wie meer dan twee keer in deze periode afwezig is, kan de cursus niet afronden. Als je een college niet kunt bijwonen, laat dat dan van tevoren weten aan de docent.

Human Resource Management and Organizational Behavior

Vakcode	E_BK1_HRMOB ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. S. Nijs

Examinator	dr. S. Nijs
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Academische Vaardigheden:

Je bent in staat om een HR-gerelateerde praktische casus uit de media te analyseren, een argument map op te bouwen en een theoretisch onderbouwd advies uit te brengen.

Onderzoeksvaardigheden:

Je bent in staat om een probleemstelling te formuleren die gebaseerd is op een praktische casus en om theoretische argumenten te relateren aan een praktisch advies.

Vakkenis:

Je hebt een basis begrip verkregen van theorieën en concepten in HRM en OB en bent in staat om deze te analyseren, vergelijken en toe te passen.

Link met de Praktijk:

Je bent in staat om OB en HRM theorieën en concepten toe te passen op een HR-gerelateerd probleem.

Sociale Vaardigheden:

Je bent in staat om te werken in een klein team en om mondeling een case opdracht te presenteren die een theoretische analyse en praktisch advies behelst gebaseerd op een HR-gerelateerd probleem uit de media.

Zelfbewustzijn:

Je bent in staat om kritisch te reflecteren op je individuele en teamprestaties tijdens de cursus en je bent in staat om OB en HRM theorieën en concepten te gebruiken om dit met theoretische argumenten te onderbouwen.

Inhoud vak

Deze cursus gaat over jou. HRM & OB gaat over de menselijke factor in organisaties. Alle bedrijfsprocessen in het BK curriculum, zoals Marketing, Supply Chain Management en Strategie, zouden onmogelijk kunnen bestaan zonder dat mensen ze uitvoeren. Heb je je wel eens afgevraagd waarom mensen in organisaties zich gedragen zoals ze dat doen? Heb je je wel eens afgevraagd waarom mensen hun gedrag veranderen zodra ze een organisatie betreden? Je hebt mogelijk al je eigen theorieën gevormd over hoe mensen zich gedragen in sociale situaties. Maar de hamvraag is: is er eigenlijk wel enige empirische steun voor jouw theorieën? Deze cursus zal je helpen om je eigen theorieën te toetsen en om ze kritisch te beschouwen door ze te vergelijken met andere bestaande theorieën over sociaal gedrag in organisatiecontexten. We kijken daarbij naar gedrag op drie verschillende niveaus: het individu, de groep en de organisatie. Het individuele niveau focust zich op de individuele werknemer en zijn/haar baan. Je zal onderwerpen bestuderen als persoonlijkheid, werkgerelateerde attitudes, motivatie en stress. Het groepsniveau gaat vooral over teams en de interactie binnen en tussen groepen in organisaties. Hier komen thema's aan de orde als groepsontwikkeling en –dynamica, diversiteit, conflicten en onderhandelingen. Tot slot zal het organisatieniveau vooral kijken naar de interactie tussen managers, werknemers, groepen en de organisatie als

geheel. Voorbeelden van onderwerpen zijn organisatieverandering en leiderschap. Deze drie perspectieven zullen vervolgens geïntegreerd worden door ze te linken aan HRM: hoe kunnen we het beschikbare menselijke kapitaal optimaal inzetten om werknemers optimaal te laten functioneren en organisaties te laten opbloeien?

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Tussen tentamen - individuele beoordeling
Schriftelijk tentamen – individuele beoordeling
Opdracht - team + individuele opdracht
Verplichte aanwezigheid tijdens werkcolleges

Literatuur

Verplichte Literatuur:
Introduction to Human Resource Management and Organizational Behavior for Business Administration (1st ed.). Compiled by: J. Akkermans.
Boston: McGraw-Hill.

Aanbevolen voorkennis

Inhoudelijk zal deze cursus met name voortbouwen op de kennis die is opgedaan tijdens Organizational Theory 1.2. Qua vaardigheden hebben studenten de cursus Academic Skills 1.3 als uitgangspunt nodig voor deze cursus.

Human Rights and Citizenship

Vakcode	R_HumRC (200995)
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	mr. dr. M.C. Stronks
Examinator	mr. dr. M.C. Stronks
Docent(en)	mr. dr. M.C. Stronks, dr. P. Cuttitta
Lesmethode(n)	Leergroep
Niveau	300

Doel vak

After successfully taking this course you will be able to:

- Analyse and evaluate the multi-faceted and changing character of citizenship and nationality;
- Recognise and explain the variety of rights that are connected to (European) citizenship and/or national membership;
- Critically engage with the concept of 'integration' and analyse the assimilationist shift of mandatory integration measures;
- Scrutinize the temporal dimension of citizenship and the assumed relation between the migrant, the citizen and time;
- Thoroughly scrutinise the reading material and being able to engage with the literature in essays.
- Formulate your own opinion on the central issues of this course, well-informed by the literature and case-law.

Inhoud vak

What and who is a citizen? How does a migrant become a citizen? Which rights do migrants have? And how do these rights develop over time?

These are seemingly simple questions, but upon close scrutiny the relation between the citizen and an alien appears to be rather puzzling.

Migrants might for example enjoy all kinds of civil rights, while certain citizens might feel treated as aliens.

In this course we investigate which rights can be invoked by nationals and by migrants. We will address the different understandings of citizenship and nationality, the concept of and the rights attached to European citizenship, the difference that having or not having national membership makes, the possibility of being joined by family members from abroad, the concept of 'integration' and the relation all these different aspects of citizenship have with time. These issues will be addressed in weekly lectures and assignments.

Onderwijsvorm

Weekly lectures, obligatory weekly assignments.

Toetsvorm

Written exam. Re-examination might be an oral exam, depending on the number of participants. Submission of weekly assignments is required for taking the exam.

Literatuur

Will be announced on Canvas.

Doelgroep

Apart from law students of the VU, the course is also available for:

Students from other universities/faculties

Exchange students

Contractor (students who pay for one course)

Human Rights and the Border

Vakcode	R_HumRB (200996)
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	mr. dr. E.R. Brouwer
Examinator	mr. dr. E.R. Brouwer
Docent(en)	mr. dr. E.R. Brouwer
Lesmethode(n)	Leergroep
Niveau	200

Doel vak

The course aims at increasing your knowledge of the law concerning borders and your understanding of the changing meanings of borders. In particular, you will broaden your knowledge of the different categories of 'migrants' created by the law and the attaching differences with regard to the right to cross borders and the sanctioning of illegal border crossing. You will be able to identify relevant domestic, European and international law and to deal with conflicts among them.

You will improve your ability to critically reflect on legislation, case-law, and practice concerning borders.

Inhoud vak

The operation of borders and border control in practice may differ greatly from how it may be understood to operate in theory. In this course, the knowledge of the law on borders will be connected to societal reality. In the course Human Rights and the Borders, you will learn to connect knowledge of the law on borders to societal reality. Aside from general topics including the law on asylum, internal and external border controls, we will address current issues such as the safety of boat migrants, the role of private actors, and the use of technologies at the borders. The precise content of the course will be announced on Canvas.

Onderwijsvorm

The course contains of 7 lectures, each lecture is given twice a week. During the course excursions may take place, enabling students to learn how borders work in practice.

Toetsvorm

The course will be concluded with an examination: a written exam which counts for 75%, and an oral presentation which counts for 25% of the final mark.

Literatuur

Will be announced on Canvas.

Doelgroep

This course is open to students of various disciplines who have completed their first year of their Bachelor program. Includes exchange students.

Overige informatie

This course is open to students from various disciplines who have completed their first year of their Bachelor program and exchange students.

Identity, Diversity and Inclusion

Vakcode	S_IDI ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	prof. dr. S. Saharso
Examinator	prof. dr. S. Saharso
Docent(en)	prof. dr. S. Saharso, dr. M.C. de Regt
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

This course is part of both the bachelor program Sociology and Social and Cultural Anthropology & Development Sociology. Also, this course is part of the Minor Sociology, the Minor Anthropology, the Minor

Development and Global Challenges and the Minor Gender and Diversity. Finally, the course is open as an elective for (international) students.

This course is designed to introduce students to the various issues concerning diversity and inclusion in an increasing globalizing world. The course focuses in particular on contemporary issues concerning processes of inclusion and exclusion in the Dutch/European context. The central questions in this course are:

1. How and why are identities based on ethnicity, gender, class and sexuality constructed by both insiders and outsiders?
2. How do (groups within) European/Dutch societies respond to diversity?
3. What are the relevant mechanisms of inclusion or exclusion?
4. How should we contextualize current debates and practices related to inclusion/exclusion processes in relation to Dutch/European historical developments?

Learning objectives

After having completed this course the student has acquired knowledge and understanding of:

- (1) the relevant forms and dimensions of social identities;
- (2) theories of identity construction inclusion and exclusion;
- (3) the questions, debates and policies on diversity in contemporary Western societies, and the differences between societies thereof;
- (4) the challenges of contemporary developments - such as globalization and individualization- on contemporary forms of diversity.

After having completed this course the student has acquired the competences to:

- (5) apply acquired knowledge in the analysis of contemporary forms of diversity.

After having completed this course the student is able to:

- (6) take a critical stance in contemporary debates over identity, diversity and inclusion.

Inhoud vak

Identity issues have become very prominent in our globalizing world. While migration is often presented as one of the main causes of the increasing emphasis on identity, other developments, such as those related to (cultural) globalization and economic transformations, have had a strong impact as well. In addition to ethnic and religious diversity, gender inequalities, class differences and issues related to sexual diversity have changed The Netherlands, and other European societies. Ethnicity, gender, class and sexuality are markers of identity, but have also become axes of inclusion and exclusion in contemporary European societies.

This course discusses how ethnic and religious diversity intersect with other forms of diversity. While historical constructions of the nation were already gendered, in contemporary discourses on national identity gender (women) and (homo)sexuality have become more prominent as markers of national inclusion and exclusion. Or, as in Europe ethnic diversity largely coincides with class distinctions, how does this affect feelings of belonging and inclusion? Islamophobic rightwing radicalization and Islamic radicalization are studied as possible reactions to experienced threats to identity and/or social exclusion. The course will also zoom in on cases of local conflict and on related contemporary debates, such as feminist solidarity in an age of diversity.

Onderwijsvorm

Lecture.

Toetsvorm

Digital exam.

Literatuur

TBA, a reader including texts by Alba & Foner (2015), Crenshaw (1991) and others.

Doelgroep

Bsc2 SOC, Min SOC, Min SCA Bsc2 CAO, Min G&D, Min D&GC; Exchange

Overige informatie

This course is part of both the bachelor program Sociology and Social and Cultural Anthropology & Development Sociology. Also, this course is part of the Minor Sociology, the Minor Development and Global Challenges and the Minor Gender and Diversity. Finally, the course is open as an elective for (international) students.

Imagining the Dutch: themes Dutch History

Vakcode	L_GCBAALG003 ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	W.J. de Vries MA
Examinator	W.J. de Vries MA
Docent(en)	M.P. Groten, W.J. de Vries MA
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Learn about the characteristics and dilemma's of Dutch national history by discussing chapters from handbooks, articles and lectures.
 Improve knowledge of Dutch modern history (writing) in general and more particularly learn about important themes, such as national history, political history, colonial history and different representations of Dutch history and identity in museums and media.
 Throughout the course we will discuss these themes in relation to important concepts such as nationalism, democracy, pillarization and (religious) tolerance.
 Being able to integrate information of case studies and guest lecturers into the broader scientific framework that is discussed.
 Being able to critically review and discuss mandatory literature, used theories, dominant opinions and information on public websites.
 Being able to recognize normative thinking in scientific literature and in the work of historians.

Inhoud vak

A country of cheese and herring, that experienced an extraordinary Golden Age in the seventeenth century. And a country of tolerance, pillarization and consensus democracy. These are just a few examples of

how the Netherlands has been imagined in the past and in recent periods by foreigners and by Dutch citizens themselves. These images tell a story of the Netherlands and are informed by both past and contemporary experiences.

Over the years questions about the true meaning of these images of the Netherlands have been raised. Who are the Dutch? What is 'typically Dutch' about the Dutch from an international perspective? What are the differences between how the Dutch themselves and how foreigners have imagined the Netherlands? And how should we deal with these images from an academic perspective?

The course will offer an introduction on Dutch history that is explicitly related to contemporary debates. The lectures of the course focus on themes in Dutch history and will cover a wide range of topics. The historical reasons for the extraordinary economic growth and cultural richness of the Netherlands in the 17th century; the development of the Dutch as a maritime nation in the 18th century; the rise of democracy in the 19th and 20th century; recent debates about the colonial past and immigration.

Discussion among students about the content of the lectures and the course literature is part of this course. Students have to read the literature in advance and have to make exercises. The course is finished with a written exam.

Onderwijsvorm

Lectures (two periods every week one lecture)

Toetsvorm

Written Exam and assignments

Literatuur

To be announced on Canvas.

Doelgroep

Students taking part in program 'Semester in Amsterdam'; International Students; Dutch students interested in Dutch History.

Overige informatie

This course will be provided two times: in periods 1&2 (L_GCBAALG003) and in periods 4&5 (L_GCBAALG004).

Inclusive Growth and Sustainability

Vakcode	E_EBE3_IGS ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. M.W. Hofkes
Examinator	prof. dr. M.W. Hofkes
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

This course aims at providing a solid understanding of economic growth and its links to sustainability and changes in well-being.

Specific learning outcomes upon completion of this curricular item are:

Knowledge:

- gaining a deep understanding of economic growth theory;
- gaining insight into drivers of growth, both theoretically as well as empirically;
- gaining insight into the relationship between growth, sustainability and changes in well-being;
- insight into the long-term balancing of growth in income, environmental sustainability and changes in other aspects of society ;

Bridging Theory and Practice:

- being able to describe and interpret patterns of growth.

Broadening your horizon:

- being able to judge the prospects of the concept of green growth;
- being able to judge the prospects of the concept of inclusive growth.

Inhoud vak

Growth in knowledge has been the main driver of increases in per capita income over the past 300 years, but has also changed the organization of society and has put pressure on natural resources. Major questions are why countries grow, why growth rates differ between countries and over time and how economic growth can be reconciled with societal well-being and environmental sustainability. These questions will be analysed by studying the main existing theoretical models as well as by relating empirical data to theory.

The course starts with an overview of key stylized facts relating to growth, sustainability and well-being. Next, the main theoretical models will be introduced, including the Solow model, endogenous growth models and models that take into account the (dual) role of natural resources.

There will be a special focus on the interrelationship between income growth, environmental sustainability and social well-being. Growth models will be studied that incorporate natural capital, providing insights into the possibilities of long-term balancing of economic growth and environmental sustainability.

Finally the importance of directed technological change and the implications for policy will be addressed.

Throughout the course theoretical models will be confronted with empirical data.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Assignments,
Written exam

Literatuur

To be announced.

Vereiste voorkennis

Quantitative Research Methods I.

Aanbevolen voorkennis

Quantitative Research Methods II, Macroeconomics II, Microeconomics II, Regional and Urban Economics.

Information Systems in E-Business and Online Commerce

Vakcode	E_IBA3_ISEOC ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Andersen
Examinator	dr. J. Andersen
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Knowledge:

- Obtain in-depth insight into the important trends in Information and Communication Technologies (ICT) and how these trends impact organizations' E-business activities;
- Understand the role and value of ICT in the digital transformation of organizations;
- Understand how e-business relates to various degrees of digitalization by 1) optimizing industrial production logic, 2) integrating market feedback in service delivery processes and 3) facilitating supplier, crowd or peer production networks;
- Have knowledge of relevant theories about the various aspects of ICT in relation to organizations' E-business activities;

Bridging Theory & Practice

- Be able to apply their understanding, insight and knowledge about ICT in relation to E-business to a practical case and the development of an E-business solution.

Inhoud vak

Recent technological developments in ICT are creating new possibilities for the interactions between organizations and various parties in their environment – business partners, customers, and others. At the same time, the use of these technologies also creates unprecedented amounts of data that organizations need to make sense of. In this course, we focus on these technologies, how they affect organizations' E-business and online commerce activities, and the demands this puts on the Information Systems (IS) used in the organization. This course does so by covering the following themes:

- Relevant developments in hardware, software and networking;
- The interaction between technology and organization;
- Enterprise Architecture and Enterprise Systems;
- How changing ICT architectures and developments in the area of big data, cloud computing, the Internet of Things, social media and mobile technologies affect organizations' E-business activities

- The changing nature of markets and supply chains related to these technological developments

We relate these themes to concrete issues related to managing ICTs for E-business. Examples of such issues are:

- How to optimally support both back- and front-office E-business processes with ICT;
- How to derive meaningful intelligence from the big data generated by interactions and transactions through applications in the area of business Intelligence and algorithmic decision making;
- How the increasing flexibility of IS (as a consequence of moving to the cloud, modular ICT architectures and the increasing use of mobile devices) influences the way these technologies meet the requirements of these processes;
- How to manage the security of data, processes and systems in light of these developments.

We will not only be discussing these themes and issues in lectures, but you will also apply your knowledge about them in the analysis of a practical case and the development of an E-business solution in relation to that case.

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

written exam - Individual assessment

case assignment - group assessment

Literatuur

Papers that will be made available via Canvas

Inleiding in de Koran en Soenna

Vakcode	G_INLKOSO ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. Y. Ellethy
Examinator	dr. Y. Ellethy
Docent(en)	dr. Y. Ellethy
Lesmethode(n)	Hoorcollege
Niveau	100

Doel vak

De student kent op hoofdlijnen de ontstaansgeschiedenis, de indeling en de thematiek van de Koran en de Hadith. Dat wil zeggen dat de student:

- beknopt uitleg kan geven over visies op de geschiedenis van de Goddelijke openbaring in het algemeen en de openbaring van de Koran aan de profeet Mohammed in het bijzonder;
- de ontstaansgeschiedenis, de verzameling en de verspreiding van de Koranische tekst in hoofdlijnen kent;
- de westerse discussies en kritiek i.v.m de historische ontwikkeling van de tekst van de Koran kent en hierop kan reageren op een wetenschappelijke manier;

- de algemene kenmerken, inhoud, stijl en historische context van de Koran in hoofdlijnen kent;
- fundamentele kennis omtrent de terminologie van de Koranwetenschappen (en basiskennis van de Soenna en Hadith terminologie) heeft;
- de geschiedenis en de ontwikkeling van de Koran- en Hadithwetenschappen en de betreffende klassieke en moderne literatuur in grote lijnen kent;
- een werkstuk van enkele pagina's kan schrijven over de positie van de Koran en de Soenna binnen de Islam.

Inhoud vak

In deze cursus (met meer focus op de Koranwetenschappen) worden gezaghebbende visies op de geschiedenis van de openbaring, de verzameling en de ontstaansgeschiedenis van de Korantekst, de betreffende kritiek, en de belangrijkste kernpunten en terminologie binnen de Koranwetenschappen ulm al-Qur'n behandeld. De student krijgt ook basiskennis van de positie van de Soenna binnen de Islam, het ontstaan en de ontwikkeling van de Hadith wetenschappen, terminologie en klassieke literatuur. In de module Hadith-wetenschappen zal meer nadruk worden gelegd op de Soenna en Hadithmethodologie.

Onderwijsvorm

Hoor- en werkcolleges met schriftelijke opdrachten en tussentijdse papers. Er wordt aandacht gegeven aan de interactieve deelname van de studenten. Vragen worden aan het begin van het college besproken. In aansluiting op elk hoorcollege-onderdeel wordt een werkstuk gepresenteerd, in werkgroepen besproken en beoordeeld.

Toetsvorm

Schriftelijk tentamen (80%); schrijfpdracht' (20%)

Literatuur

Verplichte literatuur:

Al-A'ami, M., The History of the Quranic Text from Revelation to Compilation, Leicester: UK Islamic Academy, 2003.

Leemhuis, F. "Koran"; "Soenna", in J. Waardenburg (ed.), Islam: Norm, Ideaal en Werkelijkheid. Houten: Fibula, 20005 , pp. 54-74; 75-79. (Canvas).

Ljamai, A., Inleiding tot de Studie van de Koran, Zoetermeer: Meinema, 2005, hoofdstukken 1, 2, 3 en 4 t/m p. 71.

Watt, M. (et al.), Bells Inleiding tot de Koran, Utrecht: de Ploeg, 1986, hoofdstukken 1 en 2 t/m p. 39.

Nederlandse Koranvertaling.

Aanbevolen literatuur:

Ali, M., Sirat Al-Nabi and the Orientalists, Madinah: King Fahd complex for the Printing of the Quran, 1997 (Section IV: Receipt of Way).

Hamidullah, M., An Introduction to the Conservation of Hadith in the Light of the Sahifah of Hammam ibn Munabbih, Kuala Lumpur: Islamic Book Trust, 2003.

Verdere literatuur wordt voor aanvang van het college bekend gemaakt via Canvas.

Overige informatie

Maakt onderdeel uit van Academische Vaardigheden.

Aanwezigheid 80%.

Inleiding Inspanningsfysiologie

Vakcode	B_IF (900115)
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. J.J. de Koning
Examinator	dr. J.J. de Koning
Docent(en)	dr. H.L. Gerrits, prof. dr. H.A.M. Daanen, drs. B.L. van Keeken, dr. J.J. de Koning
Lesmethode(n)	Hoorcollege, Practicum, Werkcollege, Bijeenkomst
Niveau	100

Doel vak

Doel van dit vak is het verkrijgen van kennis van de bouw en werking van organen en orgaansystemen die een rol spelen bij het bewegen en de energiehuishouding.

Na afloop van de cursus kan de student de belangrijkste onderdelen van deze organen en orgaansystemen benoemen, de bouw en werking van deze onderdelen benoemen en de werkingsmechanismen beschrijven. Daarnaast kan de student deze kennis toepassen tijdens het meten van verschillende variabelen tijdens rust en inspanning. Ten slotte is de student in staat de uitkomsten van de metingen te interpreteren en te verwerken.

Inhoud vak

Tijdens de colleges wordt, na een inleiding, de bouw en de werking van cellen en weefsels besproken, waarbij het accent zal liggen op spierweefsel. Daarna wordt ingegaan op de bouw en de werking van de voor het bewegen belangrijkste fysiologische systemen, zoals de bloedsomloop, de ademhaling, het zenuwstelsel en de hormoonhuishouding. Daarbij wordt zowel het functioneren tijdens rust als tijdens fysieke inspanning besproken.

Bij de practica wordt de theoretische kennis verder uitgebreid en toegepast bij het registreren van de stofwisseling in rust, het ECG en de bloeddruk, de verschillende longvolumina en ademhalingsparameters, de hartfrequentie tijdens fysieke inspanning, het lichamelijke prestatievermogen, het dagelijkse energieverbruik en de dagelijkse voedselopname.

Onderwijsvorm

De cursus bestaat uit hoorcolleges welke dienen ter verduidelijking van de leerstof. Deze colleges zijn niet verplicht. Daarnaast volgt iedere student een aantal practica. Deze practica zijn verplicht en worden in groepen van ca. 10-15 personen uitgevoerd. De practica dienen ter aanvulling op de collegestof en bieden bovendien de gelegenheid om de kennis van de leerstof toe te passen en te verdiepen. Voorwaarde voor deelname aan het practicum is dat de student voor elke bijeenkomst steeds de betreffende stof in het boek en de cursushandleiding bestudeerd heeft. Na elke practicumbijeenkomst wordt het practicum door iedere student uitgewerkt aan de hand van een opdracht (inhoud en tijdstip van inleveren volgens de richtlijnen in de cursushandleiding). Het is niet toegestaan een practicumbijeenkomst bij te wonen indien de opdracht van de vorige bijeenkomst nog niet is ingeleverd.

40 uur/ 20 hoorcolleges

12 uur/ 4 practica

20 uur / uitwerking, opdracht practicum

3 uur / tussentoets

3 uur/ eindtoets

90 uur / zelfstudie

Toetsvorm

De tentamenstof beslaat de hoofdstukken van het boek ("Exercise Physiology: nutrition, energy, and human performance") zoals besproken tijdens de hoorcolleges, de diverse practica en de studiehandleiding.

Om deel te kunnen nemen aan het tentamen dient men aan de practicumverplichtingen te hebben voldaan. Deze verplichtingen zijn: alle practicumbijeenkomsten (actief) volgen, de bijbehorende opdrachten (voldoende) maken.

Het tentamencijfer zal bestaan uit een gewogen gemiddelde van de tussen- en de eindtoets. De tussentoets wordt halverwege de cursus gegeven.

Beide toetsen worden schriftelijk afgenomen en bestaan uit meerkeuze vragen.

Literatuur

De verplichte literatuur bestaat uit:

- W.D. McArdle, F.I. Katch, V.L. Katch: Exercise Physiology: nutrition, energy, and human performance , 8th edition (2014). International edition.

- De cursushandleiding

Intekenprocedure

De indeling van werkgroepen/(computer)practica/tutorgroepen etc. vindt plaats via Canvas.

Overige informatie

De practica zijn verplicht. Deelname aan het tentamen is alleen mogelijk als alle practicumbijeenkomsten zijn gevolgd en de betreffende opdrachten zijn ingeleverd. Bij het eventuele missen van een practicumbijeenkomst of opdracht met een geldige reden dient zo spoedig mogelijk contact opgenomen te worden met de practicumbegeleiders voor het plannen van een inhaalbijeenkomst.

Inleiding Psychologie (UM)

Vakcode	P_UINLPSY ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. W. Donk
Examinator	dr. W. Donk
Docent(en)	dr. W. Donk
Lesmethode(n)	Hoorcollege
Niveau	100

Doel vak

Een eerste kennismaking met het vakgebied psychologie

Inhoud vak

Het vak geeft een overzicht van de psychologie. Wat is de genetische en biologische basis van gedrag? Hoe zien we, leren we, onthouden we en denken we? Waarom gedragen we ons zoals we doen? Naast deze fundamentele vragen zullen o.a. ook de volgende onderwerpen aan bod komen: intelligentie, sociale psychologie, de ontwikkeling, persoonlijkheidsleer, psychopathologie en psychologische behandelmethoden.

Onderwijsvorm

14 colleges

Toetsvorm

- Multiple choice tentamen

Literatuur

-Gazzaniga, M., Heatherton, T., & Halpern, D. (2016). Psychological Science (5th edition). Norton.

Overige informatie

Hoorcolleges worden Engelstalig aangeboden.

Integration Project

Vakcode	E_BK1_IP ()
Periode	Periode 6
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. M.W. van Gelderen
Examinator	dr. M.W. van Gelderen
Docent(en)	dr. G.P. Melker, drs. E.A.H. Kleijn
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	100

Doel vak

Hoofddoel: Het op geïntegreerde wijze toepassen van inzichten uit de eerder in het eerste jaar gedane vakken.

Nadere specificatie:

Academische vaardigheden: Kunnen integreren van verschillende perspectieven en modellen in een samenhangende analyse en beoordeling van een bedrijfsprobleem of bedrijfsmodel; Kunnen vertalen van een kritische analyse in goed onderbouwde conclusies of aanbevelingen.

Onderzoeksvaardigheden: In staat zijn data te verzamelen over een praktijkcasus aan de hand van desk research en interviews, en deze casus te beschrijven.

Kwantitatieve vaardigheden: Zo nodig kwantitatieve tools kunnen toepassen, afhankelijk van de aard van het onderzochte bedrijfsprobleem; Het presenteren van kwantitatieve informatie in de vorm van infographics.

Vakkennis: Begrijpen van wat een bedrijfsmodel (business model) inhoudt; Integreren van de in voorafgaande cursussen verkregen vakkennis.

Link met de praktijk: Het op geïntegreerde wijze kunnen toepassen van verkregen kennis op een praktijkcasus; In staat zijn om tot gefundeerde conclusies of aanbevelingen te komen.

Sociale vaardigheden: Het verkrijgen van inzicht in de factoren die bijdragen aan het effectief samenwerken in studententeams.

Algemene ontwikkeling: Het kunnen integreren van verschillende disciplinaire perspectieven en modellen in een samenhangende analyse van een bedrijfsprobleem; Kunnen vertalen van een kritische analyse in goed onderbouwde conclusies of aanbevelingen.

Zelfbewustzijn: In staat zijn te reflecteren op de eigen ontwikkeling in het eerste collegejaar en vooruit te kijken op het vervolg van de opleiding.

Inhoud vak

Een groot voordeel van de studie bedrijfskunde is dat je een verscheidenheid aan kennis en vaardigheden opdoet. Tegelijkertijd brengt dit de uitdaging met zich mee in te zien hoe al deze verschillende kennisgebieden samenhangen. Dit vak heeft als doel het op een geïntegreerde manier toepassen van de tot dusver verkregen kennis en vaardigheden. De nadruk ligt in dit vak niet in het opdoen van nieuwe kennis. In plaats daarvan ga je een tweetal praktijkopdrachten doen die je in staat stellen de kennis die je het afgelopen jaar bent tegengekomen, te integreren en toe te passen.

Onderwijsvorm

Hoorcolleges, instructiecolleges en werkcolleges

Toetsvorm

(Tussentijdse) opdrachten – individuele en groepsbeoordeling.

Literatuur

Osterwalder, A., & Pigneur, Y. (2010). Business model generation: a handbook for visionaries, game changers, and challengers. John Wiley & Sons.

(De Nederlandstalige editie is ook prima geschikt)

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Kennis van de kernvakken die in de perioden 1.1 tot en met 1.5 zijn gedoceerd. Het is de bedoeling om de tools, modellen en inzichten uit deze vakken te integreren en toe te passen bij de opdrachten.

Integrative Practice Lab

Vakcode	E_EOR3_IPL ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. G.T. Timmer
Examinator	prof. dr. G.T. Timmer
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

Learn how to model a business problem in such a way that:

- the resulting models are simple enough to allow for analyses and optimization and

- are close enough to reality to make the results practically relevant.

Deepening the understanding of optimization methods through hands on application.

Practice the communication with - and the presentation of results to - business owners.

Inhoud vak

An essential part of the Operations Analytics program is to expose the students to actually apply the knowledge they have on modelling and optimization techniques using the computer. During the course, students work together in small groups on selected cases that originate from practice.

At the start, it is not clear how optimization techniques can be used to improve the business process that is central in the case. Nor is it clear which optimization techniques should be chosen.

Interpreting the business process and modelling it in a way that selected optimization techniques can be applied successfully is central in "solving" the cases.

Onderwijsvorm

Group discussions on (intermediate) reports of the groups, with input from both the students from other groups as well as from the teacher, also giving directions for next steps in the research, are combined with background information by the teacher on models and techniques that could be relevant for the cases at hand.

Toetsvorm

Research reports – team assessment

Oral examination – individual assessment

Literatuur

Dedicated articles and background information on the problems that are studied in the cases.

Vereiste voorkennis

Knowledge and skills acquired in other four courses of the minor Operations Analytics or in an a similar curriculum. Experience with a computer language like R or Python.

International Financial Management

Vakcode	E_IBK3_IFM ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. K.L. Wolk
Examinator	dr. K.L. Wolk
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

The objective of the course is to acquaint students with the developments in international financial markets from a perspective of managerial decision making. The course is designed to provide future's financial managers with an understanding of the fundamental concepts and the tools necessary to be effective global managers. The aim is to provide students with an understanding of these concepts and techniques used in risk management. (Knowledge, Quantitative Skills) The students will develop skills in reading and understanding academic papers as well as critical thinking on economic events with a focus on the financial aspects of managerial decisions. (Research Skills, Bridging Theory and Practice) They are encouraged to improve analytical thinking abilities, to think beyond the boundaries of economics and finance theories. (Academic Skills, Broadening your Horizon)

Inhoud vak

During the course, we will mainly discuss the structure of financial markets (foreign exchange, fixed income and equity markets) and explore the issues that are encountered by multinational enterprises, with an emphasis on risk management. When having completed this course, students will have a clear understanding how financial markets work and how the multinational firm interacts with other market participants. In particular, students will:

- understand the development of the international monetary system and other financial institutions,
- be acquainted with different financial instruments used to manage foreign exchange rate risk (forwards, futures, options)
- be acquainted with the specifics of various financial markets (money, bond, equity)
- learn how to manage foreign exchange risk and interest risk in a multinational firm.

Onderwijsvorm

- Lectures
- Tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Individual assessment

Literatuur

1. Eun & Resnick: International Finance, Global Edition (ISBN: 9780077161613)
2. Additional articles and/or cases (announced at the start of the course)

Aanbevolen voorkennis

BK:
2.2 Finance; 3.4 Financial Modelling and Derivatives; 2.5 Finance II

IBA:
2.2 Finance; 2.5 Corporate Finance in Emerging Economies; 3.4 Financial Modelling and Derivatives

Internet Governance

Vakcode	R_InternGov (200331)
Periode	Periode 1

Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	mr. T.H.A. Wisman
Examinator	mr. T.H.A. Wisman
Docent(en)	prof. mr. A.R. Lodder, mr. T.H.A. Wisman
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

At the end of this course students:

- Understand the basics of the Internet;
- Understand the challenges posed by the Internet to national regulation;
- Understand and be able to apply the modalities of Lessig;
- Understand and be able to apply the models of Solum;
- Understand what Internet governance is, both in the broad and the narrow sense and explain how they relate;
- Be able to apply the Lodder & Jiminez model of jurisdiction;
- Know the materials regarding privacy, freedom of expression and copyright, and be able to apply to this Lessig's modalities and Solum's models.

Inhoud vak

The first half of this interdisciplinary course the focus is on the (legal) challenges and problems introduced by the internet. The course shall first identify the special characteristics of the internet in an effort to demonstrate and discuss the associated challenges. Besides identifying and subsequently discussing (legal) challenges, this course shall also treat the different models of internet governance, both legal and non--legal, which can be used in developing a critical mind towards possible solutions. Additionally, the course shall cover modalities of regulation as introduced by Lawrence Lessig.

The second half of this course deals with specific legal subjects: freedom of expression, privacy and copyright. In this half we delve deeper in these various subjects, the specific challenges that arise in the context of the internet and the developments in case law. The models of internet governance and modalities of regulation will be used in this stage to critically reflect on these subjects and the respective challenges they bring.

Onderwijsvorm

Student presentations, in class (group) exercises, discussion of the literature.

Toetsvorm

The course is assessed by the following components:

Assignments: 5%

Exam: 95%

Literatuur

Amongst others: L. Lessig, Code and Other Laws of Cyberspace, (Basic Books, New York 2006)

Material will be made available on Canvas before the start of the course.

Doelgroep

Apart from regular students, the course is also available for:

Students from other universities/faculties

Exchange students

Contractor (students who pay for one course)

Internship Minor Applied Econometrics: A Big Data Experience for All

Vakcode	E_EOR3_IMAE ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;
- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic and professional field are in terms of knowledge and skills needed;
- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types

of stakeholders that you need to interact with as a professional;

- Ability to work well in a team and reflect on your own role in the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Written report – Individual assessment

Literatuur

Literature relevant to the theme of the minor and internship should be used to develop a solution to the problem that is investigated with the internship project.

Aanbevolen voorkennis

The courses in period 3.1 of the minor Applied Econometrics.

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.
- CONTACT THE MINOR COORDINATOR as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.
- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). CAREFULLY READ THE MANUAL ON VUNET (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual

will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.

- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Internship Minor E-business and Online Commerce

Vakcode	E_IBA3_IMEOC ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. F.E.J.M. Derksen
Examinator	drs. F.E.J.M. Derksen
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;
- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic and professional field are in terms of knowledge and skills needed;
- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types of stakeholders that you need to interact with as a professional;
- Ability to work well in a team and reflect on your own role in

the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Written report – Individual assessment

Literatuur

Literature relevant to the theme of the minor and internship should be used to develop a solution to the problem that is investigated with the internship project.

Aanbevolen voorkennis

Courses of the minor E-business and Online Commerce period 1

Doelgroep

Students of the minor E-business and Online Commerce.

It is possible to replace two of the courses for an internship that will be supervised by one of the lecturers of the courses. The courses to be replaced are one out of the two courses “E-commerce Supply Chain Management” and “Information Systems in E-business and Online Commerce” (both in period 2) in combination with “Emerging Technologies for E-business and Online Commerce” (in period 3). Internships should be aligned with a topics addressed in the minor and should be initiated by students. Proposals for an internship need approval from the minor coordinator.

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.
- **CONTACT THE MINOR COORDINATOR** as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.
- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). **CAREFULLY READ THE MANUAL ON VUNET** (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.
- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Internship Minor Entrepreneurship

Vakcode	E_BK3_IMENT ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. W. Stam
Examinator	prof. dr. W. Stam
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;

- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic and professional field are in terms of knowledge and skills needed;
- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types of stakeholders that you need to interact with as a professional;
- Ability to work well in a team and reflect on your own role in the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

It is possible to replace two of the courses in the Minor Entrepreneurship by an internship that will be supervised by one of the lecturers of the courses. An internship counts for 12 EC: it replaces one out of the two courses "Enterprising Behavior" and "Filming Entrepreneurship" (both in period 2) in combination with the course "New Venture Creation" (in period 3). Internships should be aligned with the topics of the minor and should be initiated by students.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Internship report - Individual assessment

Vereiste voorkennis

Courses related to the minor

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.
- CONTACT THE MINOR COORDINATOR as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.
- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). CAREFULLY READ THE MANUAL ON VUNET (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.
- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Internship Minor Operations Analytics

Vakcode	E_EOR3_IMOA ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. L. Stougie
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;
- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic and professional field are in terms of knowledge and skills

needed;

- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types of stakeholders that you need to interact with as a professional;
- Ability to work well in a team and reflect on your own role in the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Written report – Individual assessment

Literatuur

Literature relevant to the theme of the minor and internship should be used to develop a solution to the problem that is investigated with the internship project.

Vereiste voorkennis

No other requirements than the ones for this minor

Aanbevolen voorkennis

Courses related to the minor

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.

- CONTACT THE MINOR COORDINATOR as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.

- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). CAREFULLY READ THE MANUAL ON VUNET (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.

- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Internship Minor Sustainability and Innovation

Vakcode	E_IBA3_IMSI ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. P.R. Tuertscher
Examinator	dr. P.R. Tuertscher
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;
- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic

and professional field are in terms of knowledge and skills needed;

- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types of stakeholders that you need to interact with as a professional;
- Ability to work well in a team and reflect on your own role in the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Written report – Individual assessment

Literatuur

Literature relevant to the theme of the minor and internship should be used to develop a solution to the problem that is investigated with the internship project.

Aanbevolen voorkennis

Courses related to the minor, specifically those of period 1.

Doelgroep

Students of the Minor Sustainability & Innovation.

It is possible to replace two of the courses for an internship that will be supervised by one of the lecturers of the courses. The courses to be replaced are one out of the two courses “Organizing sustainable innovation” and “Sustainable supply chain management” (both in period 2) in combination with “Marketing sustainable innovations” (in period 3). Internships should be aligned with a topics addressed in the minor and

should be initiated by students. Proposals for an internship need approval from the minor coordinator.

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.
- CONTACT THE MINOR COORDINATOR as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.
- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). CAREFULLY READ THE MANUAL ON VUNET (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.
- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Internship Minor Understanding and Influencing Decisions in Business and Society

Vakcode	E_BK3_IMUID ()
Periode	Periode 2+3
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. K.M.T. Millet
Examinator	dr. K.M.T. Millet
Niveau	300

Doel vak

Academic Skills

- Ability to examine and understand problems from different perspectives;
- Ability to put forward well-founded, substantiated points of view, both in spoken and written format;
- Ability to apply acquired knowledge to other problems and in other contexts.

Research Skills

- Ability to translate practically relevant problems into (academically) relevant research questions;
- Ability to design and execute a project using a systematic, analytical approach in a real business environment (of profit or not-for-profit organizations).

Knowledge

- Have specialized, in-depth knowledge and insights about the minor theme;
- Ability to make connections between theories, models, and concepts of that specific minor theme/ discipline.

Bridging Theory and Practice

- Ability to apply theoretical knowledge in a specific organizational context;
- Ability to formulate relevant recommendations for practice based on your knowledge acquired;
- Have a better understanding of what the expectations of the academic and professional field are in terms of knowledge and skills needed;
- Have awareness of the various career opportunities the field offers.

Social Skills

- Have a better understanding of roles and needs of different types of stakeholders that you need to interact with as a professional;
- Ability to work well in a team and reflect on your own role in the team.

Self-awareness

- Ability to reflect on your own responsibilities as well as others;
- Ability to reflect on your personal development;
- Ability to receive and are able to deal with feedback from others.

Inhoud vak

Increasingly organizations and maybe even your future employer are looking for experience as well as academic credentials. The School recommends doing an internship, because it is an excellent way to apply the knowledge and (academic) skills which you acquired during your studies. Your most important learning goal as a student-intern is to familiarize yourself with professional and market-related skills in a real and new organizational environment. With the job market becoming increasingly competitive, gaining relevant experience will give you a good start into your professional career.

Companies offer a wide range of internships in various disciplines. What is crucial in obtaining approval for your internship and eventually obtaining your study credits, is that there is a clearly defined project that allows you to fulfill the learning objectives. Also, the project needs to allow for an individual assessment.

Finally, note that in order to obtain your internship credits, your internship has to be pre-approved by the minor coordinator and supervised by a School member that is assigned to you by either the minor coordinator.

Onderwijsvorm

On-site Internship

Toetsvorm

Written report – Individual assessment

Literatuur

Literature relevant to the theme of the minor and internship should be used to develop a solution to the problem that is investigated with the internship project.

Aanbevolen voorkennis

Courses related to the minor.

Well-trained in academic method and thinking (i.e., with an academic bachelor).

Overige informatie

IMPORTANT:

- Subscription to the internship through VUnet is not possible.
- CONTACT THE MINOR COORDINATOR as soon as you have an INITIAL proposal for the internship. Approval of the minor coordinator is essential in order to be able to do a minor internship.
- The general internship manual will be available through VUnet (including more details on a time plan and practical matters). CAREFULLY READ THE MANUAL ON VUNET (go to Services > Degree programme > Internship, or Serviceplein > Opleidingsprogramma > Stage). The manual will provide more insights in what is exactly expected in terms of your internship proposal, the concrete requirements, and the related time line of activities.
- After completing the internship the subscription to the course as well as the registration of the result will be done by the back office.

Introduction Migration Studies

Vakcode	L_GABAALG011 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. N.F.F. Karrouche
Examinator	dr. N.F.F. Karrouche
Docent(en)	prof. dr. P.D. Nyiri, dr. N.F.F. Karrouche, prof. dr. U.T. Bosma
Lesmethode(n)	Hoorcollege
Niveau	100

Doel vak

(1) Students are introduced to the fundamentals of migration studies (including a variety of disciplinary approaches and theoretical concepts, in particular in the fields of anthropology, economics, sociology, history and law). (2) Students are able to identify and understand key theories and analytical concepts in migration studies and their relationship to history and contemporary societies, and to apply these concepts and insights to a diverse range of qualitative data. (3) Students are able to identify and understand social, cultural and economic relations and political organization in the so-called age of migration, from 1500 until present day. (4) Students are able to reproduce, summarize, interpret and critically comment on the substance of the course subject, both orally and in written form. (5) Students are able to present a clear position and personal stance in an academic essay that is substantiated with solid arguments within debates on the topic of migration studies, based on secondary sources and by referring to one or more theoretical concepts.

Inhoud vak

This course introduces students to the study of migration in a wide range of academic disciplines, with special emphasis on socio-economic and cultural history, social and cultural anthropology, and migration and citizenship law. It is intended to acquaint students with theoretical and methodological insights from these disciplines and to familiarize them with old and new concepts in the broad and interdisciplinary field of migration studies. In this course, students focus on the agents of migration, the migrants themselves, as well as the international state and non-state actors and networks that are involved with and also impact the daily lives and activities of these agents of migration. Why do people migrate across borders? What are the different forms of migration and how do specific migration patterns come into being? And when and why do states aim at structuring migration? The course is divided into two sections. During the first three weeks, students tackle basic concepts and theories, such as the push-pull model, structural migration theory, transnationalism, and the concept of diaspora. They also study the global history of migration from 1500 onwards, gaining insight into colonial and postcolonial migration patterns, and the ways in which these may or may not continue to influence contemporary migrations. Lastly, students look at the ways in which societies organize and respond to immigration and emigration. In this first part of the course, students not only focus on European history and society, but also gain insight into African, Asian and American migrations. These three weeks assist students in understanding and framing historical and contemporary migration processes and diverse migrant experiences.

The second part of the course departs from a case-study perspective. It does by offering in-depth views into the research of experienced migration scholars in the fields of migration and citizenship law, the anthropology of migration and identity, and socio-economic migration history. Each week, you will learn about a different topic of research into Asian, Middle Eastern and North African, and European migrations, and the different methods and concepts involved and used in each case. Each guest lecturer will tell you about her or his own experience as a migration researcher. During the seminars, students experiment with the different sources and methods from each discipline. The second part will henceforth prepare you for the experience of conducting your own independent research project.

Onderwijsvorm

Lectures, seminars.

Toetsvorm

Personal essay, written exam.

Literatuur

Khalid Koser, *International Migration. A Very Short Introduction*, Oxford: Oxford University Press, 2016 (second edition). (Students are required to purchase this book.) Other literature will be announced on Canvas.

Doelgroep

This course is open to students from various disciplines who have completed their first year of their Bachelor program. Exchange Students.

Overige informatie

This course is part of the minor 'Migration Studies'. For history students, this course is complementary to Global Migration History (BA2).

Introduction to Digital Innovation

Vakcode	E_MM_IDI ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Andersen
Examinator	dr. J. Andersen
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

After successfully completing this course, students will:

- Understand the fundamental basics of hardware, software and networking that form the basis for digital innovation
- Be able to link past, current, and emerging technologies to digital innovation
- Be able to explain recent technological developments related to big data, social media, mobile, cloud computing and the Internet of Things
- Master the technological fundamentals of designing and developing innovative digital tools.

Inhoud vak

Digital innovation relates to “a product, process, or business model that is perceived as new, requires some significant changes on the part of adopters, and is embodied in or enabled by IT” (Fichman et al., 2014). In this course, we focus on the technological developments that have given rise to digital innovation. Topics addressed include the fundamental developments in hardware, software and networking that form the basis for digital innovation. Issues like the increasing processing and storage capacity of digital devices, the miniaturization of technology, smarter software and the increasingly interconnected nature of networks will be discussed to provide a basis for understanding where digital innovation comes from – and where it might go to. Secondly, the course addresses recent technological developments in information technology like big data, social media, mobile devices, cloud computing and the Internet of Things. We analyze what possibilities for innovation arose from these developments, and how digital innovations have been developed and implemented in practice. Many practical examples of digital innovations will be discussed in the lectures. Next to the lectures in which these subjects are discussed, students will also put their knowledge about digital innovation into practice in developing an innovative digital tool that connects to the developments and issues discussed in the lectures.

Onderwijsvorm

Lectures
Computer tutorials

Toetsvorm

Individual written exam
Group project assignment

Literatuur

Various papers that will be made available through Canvas.

Introduction to E-Business and Online Commerce

Vakcode	E_IBA3_IEOC ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. J.W.M. Gerrits
Examinator	prof. dr. ir. J.W.M. Gerrits
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Knowledge:

- Acquire an understanding of current E-business practices, developments and challenges.
- Have a basic understanding relevant E-business theory from the fields of information systems, economics, computer science, and logistics
- Ability to apply this theory to E-business (decision) challenges.
- Insight into the impact of E-business on business practices and the development of new business models.

Inhoud vak

Introduction

- Introduction to digital business and e-commerce
- Marketplace analysis for e-commerce
- Managing digital business infrastructure
- E-environment

Strategy and applications

- Digital business strategy
- Supply chain management
- E-procurement
- Digital marketing
- Customer relationship management

Implementation

- Change management
- Analysis and design
- Digital business service implementation and optimisation

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

Written Exam - Individual Assessment

Literatuur

Readings will be announced via Canvas

Vereiste voorkennis

None

Doelgroep

All students wanting to know more about e-business and online e-commerce

Introduction to Econometrics

Vakcode	E_EOR3_IE ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J. Schaumburg
Examinator	dr. J. Schaumburg
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

This course in the minor Applied Econometrics is targeted at non-econometrics students. By the end of this course students will have had an introduction to modern econometric techniques, that will enable them to conduct methodological or empirical analyses of their own. In particular, students will be familiar with both econometric theory and with real-world applications in macroeconomics, finance and business.

Inhoud vak

A review will be given of estimation and testing in the linear cross-sectional regression model. We will discuss the classical assumptions, and the consequences arising when these assumptions are not fulfilled.

Throughout the course, the focus will lie on developing an intuition for state-of-the-art econometric concepts. A balance will be struck between theoretical derivations and empirical applications. The textbook used (see below) is particularly well-suited for this purpose, as it is targeted at an audience of advanced undergraduate students in economics and business studies. Extensive use will be made of the statistical software Stata, both for in-class illustration and for hands-on exercises.

Onderwijsvorm

Interactive lectures and exercises in the computer lab.

Toetsvorm

Final written exam (85%) and practical assignment (15%)

Literatuur

Stock and Watson (2010), Introduction to Econometrics, 3rd edition.

Aanbevolen voorkennis

This course builds on the foundations laid either in the sequence of courses in `Kwantitatieve Methoden` (in the Economics programme) or in that of `Statistics` and `Business Mathematics` (in the Business Administration programme). It assumes familiarity with probabilistic concepts such as discrete and continuous random variables, conditional expectations, hypothesis testing and central limit theorems, with the basics of matrix calculus, and with the essentials of regression analysis. This material, excluding matrix calculus, corresponds more or

less to chapters 1-5 in Stock & Watson, and students are recommended to refresh their memory prior to the first lecture.

Overige informatie

Participation in this course is a worthwhile preparation for the methodological elements of Master courses Advanced Microeconomics 4.2 and Empirical Finance 4.2 and is thus recommended to those intending to pursue a Master in Economics or Finance. The econometric techniques discussed will also be beneficial to everyone planning to write an empirical Bachelor's thesis.

Introduction to Information and the Digital (UvA)

Vakcode	L_AABAUVA001 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. H.M.E.P. Kuijpers
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	100

Doel vak

At the end of the course the student is able to:

- identify and discuss the different types and definitions of information
- understand in outline current theories of information and information use;
- determine how information is applied in different contexts within the humanities and creative industries
- identify and describe different institutional implementations of information and information systems
- recognise and discuss the differences between institutionalised information and its use, and public contexts of information and its use.

Inhoud vak

Information is a fundamental constituent of all areas of public and private life. Whether it's in our media, cultural or economic activities of our social or professional lives, never before has information been so omnipresent. This course introduces you to the study of information as a pervasive and foundational part of public and professional practice, and its social and technical implications. You will be introduced to the concepts of information as data and resource; you will confront both the history and contemporary contexts of archives and digital archivalism; what is the relation of information and data, its assemblage and use; information analysis and visualisation in the humanities; citizen witnessing, social media and ubiquity; and contemporary social contexts of search and discovery.

Onderwijsvorm

Lectures, seminars.

Toetsvorm

Assignments and final paper. For dates and deadlines see the timetable and/or the course manual.

Literatuur

All material will be available via Canvas.

Doelgroep

This course is part of the UVA/VU Minor Digital Humanities

Intekenprocedure

Module registration at the UvA is required. Note that registration will take place from 13 juni t/m 27 juni.

For more information see:

<http://coursecatalogue.uva.nl/xmlpages/page/2017-2018-en/search-minor/pr>

or: Onderwijsadministratie BG2 +31 20 5254952

Overige informatie

This module is taught at the UvA; UVA code 118211006Y.

Introduction to Time Series

Vakcode	E_EOR3_ITS ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. Blasques Albergaria Amaral
Examinator	dr. F. Blasques Albergaria Amaral
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

This course introduces students to time series analysis and dynamic econometric models.

Inhoud vak

This course covers both theoretical and practical aspects of time series econometrics including the analysis of stationary and non-stationary stochastic processes in economics and finance.

The students are introduced to autoregressive moving average (ARMA) models, autoregressive distributed lag (ADL) models, and error correction models (ECM). Furthermore, the course provides both theoretical and practical insight into parameter estimation in time-series and the use of these models for forecasting, testing for Granger causality, and performing policy analysis using impulse response functions.

Finally, the students become familiar with the fundamental problem of spurious regression in time-series analysis. We find a solution to this problem by taking a journey into the theory and practice behind unit-root tests, cointegration tests and error-correction representation theorems.

Onderwijsvorm

Lectures and practical classes. During practical classes time will be made for discussing exercises.

Toetsvorm

Final exam and group assignment – Individual assessment.

Literatuur

Lecture notes and other material provided by teacher.

Recommended optional reading material:

J. Stock and M. Watson, 2011, Introduction to Econometrics. Prentice Hall.

P. Brockwell and R. Davis, 2010, Introduction to Time Series and Forecasting. Springer.

C. Brooks, 2014, Introductory Econometrics for Finance. Cambridge University Press.

Vereiste voorkennis

None.

Aanbevolen voorkennis

This course builds on the foundations laid either in the sequence of courses in `Kwantitatieve Methoden` (in the Economics programme) or in that of `Statistics` and `Business Mathematics` (in the Business Administration programme). It assumes some familiarity with probability and statistics. This material corresponds more or less to Part I (Chapters 1-3) in Stock & Watson, and students are recommended to refresh their memory on this prior to the first lecture.

Doelgroep

This course in the minor Applied Econometrics is targeted at both econometrics and non-econometrics students that have knowledge of basic mathematics, probability and statistics.

Investments

Vakcode	E_EBE3_INVES ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. T.C. Dyakov
Examinator	dr. T.C. Dyakov
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

This course offers a comprehensive introduction to the world of investments. The course is structured in four broad parts, covering fundamental areas of investments: Part 1. Portfolio theory and asset pricing; Part 2. Empirical evidence on security returns and portfolio management; Part 3. Fixed-income securities; Part 4. Options, futures and other derivatives. All four parts of the course are closely knitted to the learning goals of Academic Skills, Research Skills, Quantitative

Skills, Knowledge and Bridging Theory and Practice.

By the end of the course you should be able to:

- compute fundamental risk-management techniques: Value-at-Risk and Expected Shortfall;
- apply the Markowitz portfolio selection model and construct an efficient frontier of risky assets;
- compare the Capital Asset Pricing Model (CAPM) against the Arbitrage Pricing Theory. Test the predictions of the CAPM;
- price fixed income securities and construct the Term Structure of Interest Rate;
- solve portfolio immunization problems by matching the duration of assets and liabilities;
- build a binomial tree and apply the Black-Scholes formula.

Inhoud vak

Investment decisions take a prominent role in everyday life. We can think of investment decisions taken by institutional investors (banks, insurance companies, pension funds, mutual funds), but also of financial decisions taken by individual households (additional pension savings, savings for children education, buying a house, etc.). Investment theory is also strongly linked to risk management. The importance of sound decision making in this field has been underlined by recent experiences on financial markets, law suits involving complex financial products for retail clients, etc. The key objective of this course is to provide understanding of the pricing of different asset classes and insights into the principles of investment analysis. A framework is developed that allows one to address a variety of (at first sight) completely different investment problems in a unified way.

Onderwijsvorm

Lectures.

Tutorials.

Toetsvorm

Written exam – individual assessment.

(Interim) Assignment(s) – group assessment.

Literatuur

Zvi Bodie, Alex Kane and Alan J. Marcus: Investments, McGraw Hill (10th Global Edition).

Additional readings might be announced on Canvas.

(Literature has been adjusted at 26-03-2018)

Vereiste voorkennis

Finance I or equivalent.

Aanbevolen voorkennis

The course relies on prior knowledge on linear algebra and statistics (QRM I, QRM II, and QRM III). Even though it offers a very brief introduction to the concepts and tools in this area that we will primarily use, students are strongly advised to review this material from relevant courses in the first two years of studies. I will further assume that students have a good understanding of the material covered in Finance I, Finance II, and Financial Markets and Institutions.

Students are also recommended to refresh their basic Excel and STATA skills, as weekly empirical assignments constitute an important part of the course.

Overige informatie

This course provides the knowledge basis for students aiming at an MSc in Finance and a career in the financial sector.

Islam en Europese cultuur

Vakcode	G_ISLEURCUL ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. M. Aulad Abdellah
Examinator	dr. M. Aulad Abdellah
Docent(en)	dr. M. Aulad Abdellah
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

De student:

- kent de belangrijkste verschillen en overeenkomsten tussen islamitische en westerse jurisprudentie;
- kan de wederzijdse beeldvorming van westerse en islamitische zijde omtrent de positie van de islam in het Westen onderscheiden en kritisch evalueren en zelf genuanceerde standpunten uitwerken waarbij rekening wordt gehouden met beide perspectieven;
- is in staat bepaalde religieuze vraagstukken in de westerse context op een kritische en wetenschappelijke manier te benaderen;
- is in staat jurisprudentie (Fiqh) toe te passen in de westerse samenleving inzake bepaalde kwesties.

Inhoud vak

De module focust op de islamitische visies vanuit de fiqh ten aanzien van kwesties waaromtrent moslims in het Westen een positie proberen te bepalen. Het gaat over kwesties als Islamitische ethiek en jurisprudentie, de geschiedenis van de islam en moslims in Europa; het recht van minderheden (fiqh al-aqalliyat); Islam als minderheidsgodsdiens: confrontatie en consensus; de westerse beeldvorming over de Islam; afvalligheid binnen de Islam; de scheiding tussen religie en staat; het ritueel slachten; de jihâd, godsdienstvrijheid, Gelijkheid tussen man en vrouw in de islam, de relatie tussen moslims en niet moslims in het westen. De voorbeeldfunctie van Al Andalusië (Spanje) als ontmoetingsplaats voor verschillende religies en culturen in het Westen komt eveneens aan de orde.

Onderwijsvorm

Hoor- en werkcollege.

Toetsvorm

schriftopdracht (20%), schriftelijk tentamen (80%)

Literatuur

Saeed, A., en Saeed H., Freedom of Religion: Apostacy in Islam. Hampshire: Ashgate Publishing LTD., 2004;

Koningsveld, P.S. van, Spreekende over de Islam en de moderne tijd. Utrecht: Prometheus, 1993, 9-33;
 Fetzer, Joel S., en Soper, J. Christopher, Muslims and the State in Britain, France and Germany. Cambridge: Cambridge University Press, 2005;
 Roy, Oliver, De islam en de scheiding van kerk en staat. Amsterdam: Van Gennep, 2006, 7-71;
 Rutger De Reu, Jihadistische rekrutering in Europa. Gent: Universiteit Gent, 2004-2005, 14-126;
 Marzouk Aulad Abdellah, Burgers en barbaren: Over oorlog tussen recht en macht, in: Rechtvaardige oorlog in de Klassieke islam, Amsterdam: Boom, 2007, 307-316.
 Powerpoints.

Aanbevolen voorkennis

Usul al-Fiqh (G_USULFIQH) en Arabisch.

Overige informatie

Als een derdejaars vak is deze module een vervolg op fiqh (islamitische ethiek) modules en behandelt usul al-fiqh kwesties van hoog niveau. Aanwezigheid 80%.

Islamitische ethiek

Vakcode	G_ISLAMET ()
Periode	Periode 3
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. M. Aulad Abdellah
Examinator	dr. M. Aulad Abdellah
Docent(en)	dr. M. Aulad Abdellah
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Inhoud vak

De module focust op de volgende onderwerpen:
 Usul al fiqh; een historisch overzicht van de Usul Al-fiqh;
 onderzoeksmethoden van Usul Al-Fiq; definitie van Usul Al-Fiqh;
 technische begrippen van deskundigen op het gebied van Usul al-Fiqh de vijf categorieën van Al-ahkam al-taklifia ; Categorieën van Waadjib plichten; de categorieën van al-Hukm al-Wad'io; omschrijving van de Koran en zijn categorieën; de plaats van de Koran binnen de Usul Al-Fiqh;(consensus) al-Idjma; de redenering bij al-qiyas (analogie); concept van almaslahatul Mursalah (algemeen belang); urf (het gewoonterecht); Sadd Adzaraai (blokkeren van de middelen); en de Al-istihsan (voorkeur).

Onderwijsvorm

Hoor- en werkcollege

Toetsvorm

Schriftelijk tentamen:(65 %); Schrijfopdracht (20 %); Participatie tijdens colleges:(15 %)

Literatuur

Verplichte literatuur

- Mohammad Hasim Kamali, Principles Islamic Jurisprudence, The Islamic Texts Society, 1989.

- Michael Mumisa, Islamic Law Theory Interpretation (first edition), Omana publications, 2002 (pp.1-141).

- Dr. Mohammed Wahba Zohayli, Usul Al-Fiqh Al-Islami, Daar Al-Fikr, Beirut 1989 (pp.46-60, pp.67-87 en pp.72-107).

-Marzouk Aulad Abdellah PowerPoint

Aanvullende literatuur

- T.H.W. Juyanboll, Handleiding tot de kennis van de Mohammedaanse wet volgens de leer der Sjafi'itische school, Leiden 1930 (pp. 16-51).

- Ruud Peter, Inleiding tot Usul Al-Fiqh en rechtsscholen: Eigen karakter van de sjarie'a in Islam: Norm Ideaal en Werkelijkheid, plaats: geen, 1984 (pp. 167-176).

- J.J.G. Jansen, Nieuwe inleiding tot de Islam, uitgeverij Coutinho, 1987 (pp. 27-31).

Aanbevolen voorkennis

Islamitische ethiek en Arabisch VI

Islamitische theologie/Kalam

Vakcode	G_ISLMTHKAL (100037)
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. M. Ajouaou
Examinator	dr. M. Ajouaou
Docent(en)	dr. M. Ajouaou
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

- De student kan het ontstaan, de ontwikkeling en de fundamenteën van de pre-Kalam scholen (al-Murji'a, Khawāridj, Quadarriya en Djabriyya) en de Kalam (Mu'tazilla, Asj'ariyya en Maturdiyya) beschrijven;
- Kan de methodologische en theoretische wortels van de Kalam in de islamitische traditie identificeren;
- Kan de islamitische religiositeit vanuit het oogpunt van de mutakallimun (oprichters van Kalam scholen) doorgronden;
- Maakt kennis met belangrijke vraagstukken van de 'ilm al-Kalam zoals: wat is de meetlat van het geloof en ongeloof is? Wat is de positie van de ongelovige? Hoe te debatteren met andersgelovigen binnen en buiten de islam? Hoe vrij is de mens? Wie heeft het primaat: rede of de schrift en waarom? Enzovoort.
- Is in staat het huidige religieuze islamitische discours aan de hand van de discussie van 'ilm al-Kalam in grote lijnen te analyseren;

•Is in staat om eigen standpunten inzake de behandelde materie te formuleren, onderbouwen en verdedigen in mondelinge en schriftelijke presentaties.

Inhoud vak

•Waarom is 'ilm al-Kalam ontstaan en wat betekende het toen en nu voor het islamitische geloof en het islamitische denken?

•Welke plaats neemt 'ilm al-Kalam in het islamitische denken en hoe verhoudt het zich tot de klassieke islamitische wetenschappen zoals Koran- en Hadith wetenschappen en de rationele disciplines zoals islamitische filosofie?

•Wat was het antwoord van 'ilm al-Kalam op religieuze vraagstukken zoals God en goddelijke eigenschappen, profeetschap, hiernamaals, de predestinatieleer, vrije wil, majeure zonden en de meetlat van geloof en ongeloof?

•Wat is goed en kwaad (islamitisch ethiek) volgens mutakallimun en wat kunnen moslims hedendaags leren van hun visies?

De module tracht antwoord te geven op deze vragen. Centraal staat hierbij de betekenis van 'ilm al-Kalam voor de hedendaagse islamitische theologie en religiositeit.

Onderwijsvorm

Hoor- en werkcollege met schriftelijke opdrachten, praktijkopdrachten in het veld en presentaties (20%), schrijfofdracht (20%) en afsluitend schriftelijke toets (60%).

Toetsvorm

Active participatie middels collegevoorbereiding, het maken van opdrachten (waaronder schrijfofdracht 20%), het geven van presentaties en het deelnemen aan discussie; afsluitend schriftelijk tentamen over de stof.

Literatuur

Verplicht:

Ajouaou, M. Wie is moslim? Geloof en secularisatie onder westerse moslims. Zoetermeer: Meinema, 2014.

Reeth, Jan M.F. van, Kalâm. Arabisch denken over God en wereld. Antwerpen / Apeldoorn: Garant, 2011.

Winter, Tim (ed.) Classical Islamic Theology. Cambridge: Cambridge University Press, 2008.

Additioneel:

Wolfson, H. Austryn, The Philosophy of the Kalam. Cambridge, MA / London: Harvard University Press, 1976.

Vereiste voorkennis

Geen

Doelgroep

Studenten traject Islam, Islam studies, Theologie en religiestudies en studenten die geïnteresseerd zijn in het islamitisch denken, islamitische ethiek, islamitische religiositeit en de leefwereld van moslims.

Overige informatie

Judgment and Decision Making

Vakcode	E_BK3_JDM ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. K.M.T. Millet
Examinator	dr. K.M.T. Millet
Docent(en)	F.M. Buehler
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: You will analyze and reflect on existing literature on judgment and decision making and apply this knowledge to examples and problems from business and public policy.

Knowledge: You will obtain a deeper understanding of theories, methodology (experiments and field studies) and findings on heuristics and biases in the area of judgment and decision making, from psychology and behavioral economics.

Bridging Theory and Practice: You will make use of theoretical knowledge and concepts such as biases, decision processes, risk perception to understand and analyze human decision making in practical settings. We will focus on business and policy decisions, but also draw from other settings.

Inhoud vak

This course provides an overview of scientific research on judgment & decision making, where psychology and economics collide and collaborate to understand human behavior. It provides you with the basic knowledge of theories, concepts and methods that is necessary to understand how decisions are made. The course is inspired by the groundbreaking, nobel-prize winning work of Kahneman and Tversky as well as other seminal work and research programmes of other leading thinkers in the field (and society). One of the main topics of the course will be the question of how and when humans deviate from rational thinking. This is captured by a well-documented array of heuristics and biases, that help us to make reasonable and accurate decisions in some areas, but may crucially misguide us in others. We will discuss research that documents several well-known biases, such as anchoring effects, hindsight bias, and loss/gain framing. We will also study how decisions and behaviors are influenced by our physical and social environment. Topics covered include (dis)honesty, interdependent decision making and forecasting among others.

Onderwijsvorm

Lectures and tutorials

Toetsvorm

written exam – individual assessment

(interim) assignment – group assessment

Literatuur

a set of academic articles (tba)

Vereiste voorkennis

none

Aanbevolen voorkennis

Well-trained in academic method and thinking (i.e., with an academic bachelor).

Knowledge Management

Vakcode	E_IBK3_KM ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M.H. Rezazade Mehrizi
Examinator	dr. M.H. Rezazade Mehrizi
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

The course enhances your knowledge and skills with regards to knowledge management theories and practices. More specifically, the course aims at the following learning objectives:

Academic skills:

Learn and critically analyze knowledge management theories and gain the experience of theorizing via abstracting the research findings and discussing them against the existing literature.

Research Skills:

Gain experience in conducting empirical research, by participating in small research projects, within the field of knowledge management.

Knowledge:

Have an in-depth understanding of the importance and implications of knowledge as the main organizational resource for knowledge-intensive organizations.

Bridging theory and practice:

Learn how to bridge theory and practice by formulating a research question, collecting and analyzing data and drawing conclusions for theory and practice.

Social skills:

Improve your social skills by working in teams and interacting with organizations.

Broadening your horizon:

Broaden your horizon by learning various theories related to knowledge management and acquire a critical, integrated, perspective on KM.

Self-awareness:

Enhance your self-awareness of your research skills and domain knowledge via team discussions.

Inhoud vak

Around 80% of the market value of leading companies such as Google, Amazon, Apple come from their intangible assets in general, and their

knowledge in particular. Can you imagine that a bank or a small software company works without effective use of the expertise that their employees have? That's why companies like Shell not only spend massive efforts to manage their knowledge, but also gain hundred millions of Euros each year by effective management of their knowledge. In other words, creating, sharing, and utilizing knowledge is the core fabric of successful organizations.

Think, for example, of a multi-national company like Heineken: how can Heineken make sure that benefits from what its employees know and the expertise developed in one part of the company can be shared with and used by members in other parts? How can Nike make use of all the creative ideas that are developed within various online communities, such as Niketalk.com and competitors' online communities? Such questions are on the minds of many managers today. The course helps you understand the inter-disciplinary nature of knowledge management (KM) and its importance for organizations to improve their performance and innovation. The course also provides you with practical insights that you can rely on when you serve as a manager, consultant, and entrepreneur for dealing with KM challenges.

As a result, when you work for organizations, knowledge management is part of your day-to-day activities, for which the course provides you with ample insights. Furthermore, new trends such as crowdsourcing, flexible work, and new ways of working have heightened the importance of KM, yet adding further challenges to it. For instance, new knowledge sharing mechanisms are needed when organizations run innovation projects via crowdsourcing of innovation challenges online (e.g., via "InnoCentive").

In spite of its importance, managing knowledge is challenging. Knowledge often is tacit and hidden in human capabilities and social interactions. It is difficult to pin point knowledge and capture it, since its fluidity requires paying attention to a range of social and motivational factors.

This KM course is meant to help you to understand these new organizational challenges and to think of possible solutions. The course not only offers various insights into how organizations manage their knowledge, but also poses novel questions and challenges that you can explore further and conduct research on. To gain a deep understanding of knowledge management, you conduct a research project in an organization to examine a specific knowledge management challenge and provide insights about it by drawing on scientific literature.

The course provides several opportunities for you to interact with organizations, to learn from hands-on managers and consultants who will give guest lectures, and to be exposed to various job opportunities related to knowledge management.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Group project; interim assessments; and final evaluation

Literatuur

A selection of book chapters and academic articles to be announced.

Aanbevolen voorkennis

BK:
2.1 Business Information Technology; 2.4 Technology and Innovation Management; 2.4; 2.5 BRM II Qualitative research methods

IBA:

2.1 Business information systems; 2.4 Digital innovation and virtual organizations in a global setting; 2.5 BRM II – Qualitative research methods

Kopstukken I

Vakcode	W_BA_KOPI ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	prof. dr. M. Martijn
Examinator	prof. dr. M. Martijn
Docent(en)	prof. dr. M. Martijn
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Het doel van deze collegereeks is het verwerven van kritische kennis van een aantal hoogtepunten uit de antieke en middeleeuwse wijsbegeerte. Dat wil zeggen dat je na dit college (1) kennis hebt van het gedachtegoed van een aantal grote denkers uit de westerse wijsbegeerte in Oudheid en Middeleeuwen, (2) inzicht hebt in de vragen waarop die wijsbegeerte een antwoord probeert te zijn.

Na dit college ben je in staat (1) filosofische teksten uit Oudheid en Middeleeuwen te interpreteren, (2) een aantal filosofische kernbegrippen te hanteren, (3) in eigen woorden de ontwikkeling van de antieke en middeleeuwse wijsbegeerte te schetsen.

Inhoud vak

Dit college bestrijkt de westerse wijsbegeerte van de 6e eeuw v.Chr. tot en met de 14e eeuw n.Chr. en beoogt een inleiding te zijn in de Antieke en Middeleeuwse wijsbegeerte aan de hand van het gedachtegoed van Plato, Aristoteles, Boethius, Thomas van Aquino en Ockham. We zullen ons concentreren op de relatie tussen wereld, denken en taal (metafysica, epistemologie, logica).

Onderwijsvorm

Interactief hoorcollege; werkcollege tekstanalyse.

Toetsvorm

Wekelijkse opdrachten ter voorbereiding op de werkcolleges; afsluitend tentamen. De opdrachten moeten voldoende zijn, het tentamen bepaalt het eindcijfer.

Literatuur

- Reader Kopstukken I 1617

Doelgroep

Minorstudenten Filosofie; verplicht voor Premasterstudenten Wijsbegeerte.

Kopstukken II

Vakcode	W_BA_KOPII ()
Periode	Periode 2+3
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. J.M. Halsema
Examinator	dr. J.M. Halsema
Docent(en)	dr. J.M. Halsema, dr. C.H. Krijnen
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Studenten verwerven: 1. kennis en inzicht in grondvragen van de filosofie; 2. kennis en inzicht in de grondgedachten van een aantal hoofdfiguren uit de filosofische geschiedenis van de 17e-20e eeuw; 3. inzicht in verbanden en verschillen tussen de belangrijkste stromingen in de moderne en hedendaagse wijsbegeerte.

Studenten oefenen: 1. de vaardigheid om teksten uit de filosofische geschiedenis te bestuderen en kritisch te beschouwen; 2. academisch oordeelsvermogen; 3. argumentatieve vaardigheden; 4. mondelinge en schriftelijke uitdrukkingsvaardigheden.

Inhoud vak

In dit vak worden een aantal grote denkers uit de filosofische geschiedenis van de 17e tot en met de 20e eeuw behandeld die een onuitwisbare invloed hebben uitgeoefend op het filosofische denken in het algemeen en het denken over wetenschap en cultuur in het bijzonder. Achtereenvolgens komen aan de orde: Descartes, Hume, Kant, Hegel, Nietzsche, Heidegger, Arendt, Wittgenstein en Foucault.

Onderwijsvorm

Hoor- en werkcolleges

Toetsvorm

Protocol over de primaire literatuur (20%); tussentoets over moderne filosofie met essayvragen (40%); eindtoets over hedendaagse filosofie met essayvragen (40%). Er geldt een verplichte aanwezigheid van 80% bij de colleges in deel I en 80% in de colleges van deel II omdat anders de leerdoelen niet kunnen worden bereikt.

Literatuur

Handboek: Selectie uit A. Braeckman, B. Raeymakers, G. van Riel, Wijsbegeerte. Leuven: Lannoo Campus, 2010 of latere editie. H.J. Störig, Geschiedenis van de filosofie (editie 2000 of later). Primaire literatuur (ongeveer 30 pagina's per werkcollege). Nadere informatie volgt via Canvas.

Doelgroep

Minor studenten; premasterstudenten

Overige informatie

Deze module maakt onderdeel uit van de Universiteitsminor Filosofie.

Law and Ethics of Reproductive Technologies

Vakcode	R_LERT ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	mr. B.C. van Beers
Examinator	mr. B.C. van Beers
Docent(en)	mr. B.C. van Beers
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

This interdisciplinary course explores the bioethical, biolegal and biopolitical dilemmas that are raised by technological developments at the intersection of reproductive medicine and genetics.

This course will enable the student to critically reflect upon legal and ethical dimensions of current public debates on the regulation of assisted reproductive technologies. This course will teach the student to come to an understanding of the key concepts and categories within legal regulation of reproductive technologies, and to connect these

with various normative ethical theories.

Through an examination of the existing legal frameworks surrounding reproductive and genetic technologies from the perspectives of law and bioethics

against the background of ongoing contemporary political and societal discussions, the student will be trained to integrate ethical reasoning, daily practices and legal rules and regulations into a normative evaluation of these technologies.

In this process the student will be encouraged to take a legally and ethically argued position in scientific debates on current developments in the field of assisted reproductive technologies through written and oral presentations of a legal and philosophical nature.

Inhoud vak

Technologies at the intersection of reproductive medicine and genetics offer new ways of creating human life. These technologies make it possible to assemble, genetically screen, choose and, possibly, even design one's future children. How can societies decide who may access these technologies to create what kind of children? Which rights, whose rights and which public values should be taken into account within the regulation of this complex field? And what are the legal and ethical limits to these currently emerging forms of 'liberal eugenics'?

The general focus in this course will be on the role and meaning of human rights and human dignity for the regulation of assisted reproductive technologies.

Topics in this course include:

- law and ethics of prenatal testing
- selective reproduction and 'designer babies'
- reproductive markets and reproductive tourism

- reproductive rights
- gestational and commercial surrogacy
- wrongful life
- the welfare of future children
- sperm and egg cell donation
- eugenics and human enhancement
- the status of embryos and gametes

Toetsvorm

Paper and/or written exam (to be announced).

Literatuur

All literature will be made available online, and will include legal and philosophical academic literature, legal and political documents, policy reports, news articles and audiovisual materials.

Vereiste voorkennis

No special knowledge of law, philosophy or bioethics is required to be able to participate in this course. A basic knowledge of human rights and a keen interest in the contemporary dilemmas surrounding reproductive technologies are a plus.

Doelgroep

Because this course is also part of a university minor (Technology, Law and Ethics), it is open to students from various academic backgrounds.

Apart from regular students, the course is also available for:

Students from other universities/faculties

Exchange students

Contractor (students who pay for one course)

Leadership: Mobilizing People

Vakcode	E_BK3_LMP ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. J.K. Oostrom
Examinator	dr. J.K. Oostrom
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: You will analyze and critically reflect on existing literature on leadership and related areas, and translate this knowledge to different types of settings.

Knowledge: You will obtain a deeper understanding of the theoretical and methodological domain of leadership research.

Bridging Theory and Practice: This course will help you to structure and solve practical issues in the area of leadership and management, by applying relevant theoretical and methodological concepts.

Social Skills: You will work in small teams and in larger teams during exercises to assess and practice skills of interpersonal influence.

Self-awareness: You will develop a deeper understanding of your own

leadership skills.

Inhoud vak

Everyone has a general idea of what (effective) leadership is. Every day we are confronted with leadership and its positive and negative consequences: in class, during group assignments, at your job, sport club, student organization, etc. Or simply think of the recent US presidential elections, which provides a striking example of different visions of leadership. This course on leadership, which combines and integrates state of the art leadership theory and research, will help you understand these every day examples of leadership.

Leaders must be able to manage information, diagnose problems, negotiate with others, and make effective decisions, as well as coordinate and motivate the human and social capital of their organizational members. This course aims to prepare you to understand and meet these goals by familiarizing you with leadership theory, and providing you with practical experiences through case studies and experiential activities.

Onderwijsvorm

Lectures and tutorials

Toetsvorm

individual assessment
group assessment

Literatuur

To be announced

Aanbevolen voorkennis

Well-trained in academic method and thinking (i.e., with an academic bachelor).

Management Accounting

Vakcode	E_EBE2_MANAC ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. E. Wiersma
Examinator	dr. E. Wiersma
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Tijdens deze cursus leer hoe je de academische literatuur in de accounting discipline kunt gebruiken om keuzes die bedrijven maken ten aanzien van de keuze van management accounting methoden beter te begrijpen en op welke manier onderzoek in deze discipline wordt bedreven (Academische vaardigheden, Link met de praktijk). Je leert hoe je zelf onderzoek kunt opzetten voor je bachelor en masterscriptie en hoe je kritisch kunt reflecteren op management accounting onderzoek (Onderzoeksvaardigheden). Je krijgt inzicht in verschillende management accounting technieken en de invloed van betreffende technieken op het

gedrag van en beslissingen door managers (Vakkennis).

Meer concreet leer je:

- op welke gronden bedrijven een keuze kunnen maken uit verschillende management accounting technieken;
- wat de invloed is op menselijk gedrag van de verschillende management accounting technieken;
- dat management accounting technieken zijn ontworpen op basis van verschillende economische en gedragsmatige theorieën;
- dat management accounting een dynamisch vak is waarin continu onderzoek wordt gepubliceerd dat nieuwe inzichten genereert;
- dat management accounting een "evidence based" discipline is;
- hoe je inzichten vanuit de wetenschappelijke literatuur kunt vertalen naar de manier waarop management accounting-technieken worden toegepast in de praktijk;

Verder krijg je:

- inzicht in een breed scala aan onderwerpen die je zelf zou kunnen onderzoeken in je bachelor en masterscriptie en inzicht in hoe je dat zou kunnen onderzoeken;
- door het presenteren en het becommentariëren van artikelen een goed inzicht in de sterke en zwakke punten van gepubliceerd onderzoek.

Inhoud vak

Tijdens Accounting I en Accounting II heb je de werking van alle accounting methoden eigen gemaakt. In deze cursus gaan we (i) analyseren waarom bedrijven voor bepaalde management accounting methoden kiezen en (ii) onderzoeken hoe individuele managers en werknemers reageren op accounting informatie. We doen dit aan de hand van het behandelen van empirische accounting literatuur.

Onderwijsvorm

Hoorcolleges.
Werkcolleges.
Q&A-college (in week 7).

Toetsvorm

Presentatie/review papers - groepsbeoordeling.
Tussentoets – individuele beoordeling.
Tentamen – individuele beoordeling.

Literatuur

Set van artikelen. Elke week wordt een aantal artikelen uit de wetenschappelijke literatuur behandeld. Deze zijn te downloaden via ubvu.vu.nl, electronic journals.

Vereiste voorkennis

Geen.

Aanbevolen voorkennis

Accounting I en II , Academic Skills, Quantitative Research Methods I en II.

Overige informatie

Geen.

Managing and Improving Quality

Vakcode	E_IBK3_MIQ ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. Y. Ghiami
Examinator	dr. Y. Ghiami
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Managing and improving quality is a critical activity in any modern business organization. Quality is directly linked to productivity, competitiveness, customer satisfaction, business growth, elimination of waste and other non-value added activities, and overall business success. Cycle time and throughput is just as important in a hospital emergency room as it is in a semiconductor factory. Defects and errors don't occur just in factories, they occur in transactional and service business such as banks, insurance companies, and hospitals. Even your local and national governments have a keen interest in improving service quality in operations such handling tax forms and information requests, issuing driving licenses and international passports etc . Quality management has therefore become a well-known management philosophy, which has been adopted in many disciplines.

Contemporary organizations form networks with other businesses and organizations with which they have direct or indirect commercial relationships. These so-called supply chain networks aim at the integration of the integration of systems of customers, suppliers, technology and people to best meet customer demand. Successful quality management has the same ambition and scope. Quality management and improvement therefore represents an essential skill for supply chain managers. At the same time, the supply chain offers a unifying theme to apply the integration of systems of customers, suppliers, technology and people in quality management.

This course aims to equip students with practical quality management and improvement techniques using tools that are grounded in research. Students learn how to describe and analyse quality problems (learning objective "academic skills") in order to understand the role of quality management in organizations (learning objective "knowledge") Students will be able to identify and select appropriate quality measurement and management techniques to study, quantify and improve a quality problem (learning objective "quantitative skills") and to apply results from academic research in practical case settings (learning objective "bridging theory and practice") and critically reflect on the research (learning objective "research skills"). Students present their findings (learning objective "social skills").

Inhoud vak

Quality problems usually are the outcome of uncontrolled or excessive variability in product or service characteristics that are critical to the customer. Statistical tools and other analytical methods play an important role in solving these problems. However, these techniques need to be implemented within a management structure that will ensure success. We focus on both the management structure and the statistical and analytical tools. We focus on the following aspects in the course:

- Management aspects of quality

- Statistical process control
- Acceptance sampling
- Process Design
- Quality Function Deployment
- Design of experiments for improving quality
- Six sigma methodology

We furthermore aim to involve students in the entire process of performing a quality assessment and improvement cycle by studying a real-life case.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Group assessment

Literatuur

To be announced

Aanbevolen voorkennis

For BK:

1.1 Business Processes; 1.1 Business Mathematics; 1.4 Supply Chain Management I; 2.4 Supply Chain Management II

For IBA:

1.1 Business Mathematics; 1.4 Global Supply Chain Management; 1.6 Business Processes; 2.5 SCM in Emerging Economies

Managing Negotiations: Getting to Yes

Vakcode	E_BK3_MNGY ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. S.G.M. van de Bunt
Examinator	dr. S.G.M. van de Bunt
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: Students will enhance their analytical ability and be able to identify the need for negotiation skills in an organizational context.

Knowledge: Students will (1) identify, predict, and appreciate the role of conflict in social interaction, (2) learn how to apply mediation and dilemma reconciliation strategies, (3) understand the significance of workplace diversity and communication styles for developing negotiations skills, (4) develop an awareness of the emotional aspects of dealing with conflict, and (5) develop the ability to search for “both/and” and solutions when two apparently contradictory notions in negotiations must work together

Bridging Theory and Practice: Students will apply the knowledge gained

from the lectures and group work.

Social Skills: Students will work in teams and practice negotiation skills via group work and quest blog

Self-awareness: Students are required to reflect on the content presented in the course and explain how this impacted their personal development.

Inhoud vak

Negotiation is all around you, whether it concerns international disputes, labor agreement negotiations, or even a discussion at home about who does the grocery shopping. In today's dynamic workplace, it's not an easy fix of dispute. More often it involves negotiation to reconcile dilemmas. Therefore, the overall theme of this minor program, is to become an effective negotiator, where all disputants feel confident or even happy with the jointly reached outcome. Throughout the course, we combine theoretical knowledge from the lectures with practical exercises. The three parts of the course are:

Part 1: Conflict Resolution. The type of conflict affects the negotiation process. What is the role of conflict across cultures and organizations?

Part 2: Negotiation Skills. Is it difficult to become an effective negotiator? Learn how to apply mediation and dilemma reconciliation strategies.

Part 3: Negotiation and Workplace Diversity. Topics in this part include (cross cultural) communication skills for interacting with different cultures, nationalities, gender, sexuality, political views, religions, disabilities and other types of diversity in the workplace.

Onderwijsvorm

Lectures and working groups

Toetsvorm

Team and individual assessment

Literatuur

tba

Aanbevolen voorkennis

Well-trained in academic method and thinking (i.e., with an academic bachelor).

Marketing

Vakcode	E_BK1_MKT ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	drs. E.F.J. Lancee
Examinator	drs. E.F.J. Lancee
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Academische vaardigheden: Studenten zijn in staat academische theorie over marketing toe te passen in praktijksituaties en keuzes schriftelijk en mondeling te onderbouwen met overtuigende argumentatie.

Kwantitatieve vaardigheden: Studenten leren met (digitale) communicatiedata eenvoudige analyses te doen en dit te vertalen naar marketingtermen.

Vakkennis: Studenten ontwikkelen kennis over de marketingcontext en -principes, consumentengedrag, marketingstrategie en de organisatie, de marketingmix, communicatie en relatiemanagement, vanuit een multichannelperspectief.

Link met de praktijk: Studenten kunnen theorie van de genoemde thema's bij het leerdoel vakkennis koppelen aan praktijkvoorbeelden en het toepassen op case-situaties.

Sociale vaardigheden: Studenten werken in teams aan opdrachten die in het werkcollege mondeling en interactief bediscussieerd worden.

Zelfbewustzijn: Studenten kunnen zelfstandig stof bestuderen en hier vragen over stellen tijdens hoorcolleges en werkcolleges. Verder kunnen studenten omgaan met feedback op uitgewerkte opdrachten tijdens werkcolleges.

Specifieke leerdoelen:

- Student leert academische marketingtheorie te begrijpen over:
- De marketingomgeving;
- Consumentengedrag;
- Marketingstrategie;
- De marketingmix;
- Relatiemanagement;
- Multichannelcommunicatie;
- Student leert academische marketingtheorie toe te passen op praktijkvoorbeelden;
- Student leert basismethoden om digitale communicatie te analyseren;
- Student leert werken in teamverband;
- Student leert discussiëren over academische theorie en praktische toepassing

Inhoud vak

Dit vak brengt je in contact met de meest urgente basisbegrippen en -theorieën in de marketing, die onmisbaar zijn voor het begrijpen van het gedrag van consumenten en organisaties in een steeds verder gedigitaliseerde economische context.

In dit vak brengen we je in contact met de meest recente ontwikkelingen op het gebied van marketing. Dat betekent dat je naast offline marketing met name in contact wordt gebracht met digitale marketing. Een multichannelperspectief dus. Het marketing vak is als gevolg van de digitalisering namelijk radicaal veranderd. Bovendien is het digitale kanaal onmisbaar geworden in elke marketingstrategie.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Geschreven tentamen – individuele beoordeling

Tussentijdse opdrachten en toetsing – individuele en groepsbeoordeling

Verplichte aanwezigheid werkcolleges

Literatuur

- Digitale Marketingstrategie - 3e geheel herziene editie – Emile Lancée
– ISBN: 978-90-821260-4-4

Vereiste voorkennis

n.v.t.

Aanbevolen voorkennis

Geen

Marketing II

Vakcode	E_BK2_MKT2 ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. P.W.J. Verlegh
Examinator	prof. dr. ir. P.W.J. Verlegh
Docent(en)	prof. dr. ir. P.W.J. Verlegh
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	200

Doel vak

Academische vaardigheden: In dit vak leren we je zelfstandig vraagstukken rondom marketingcommunicatie te analyseren, om deze vraagstukken op te lossen door het toepassen van kennis uit wetenschappelijke publicaties, en om de keuze die je daarbij maakt te onderbouwen en beargumenteren.

Vakkennis: Je verwerft een gedegen basiskennis over relevante onderwerpen rondom marketingcommunicatie: we behandelen de fundamentele theorieën, modellen en concepten, we stellen je in staat om die kennis te plaatsen binnen de marketingdiscipline en aangrenzende wetenschapsgebieden, en laten je verbanden te leggen tussen de verschillende theorieën, modellen en concepten.

Link met de praktijk: Je leert de theoretische kennis toe te passen op praktijkvraagstukken. Daarnaast maak je kennis met de verschillende mogelijkheden die het werkveld te bieden heeft.

Sociale vaardigheden: Je leert om samen te werken in teams; om je werk te presenteren en daarover te discussiëren, en om feedback te geven op het werk van anderen.

Algemene ontwikkeling: Marketingcommunicatie is regelmatig onderwerp in het publieke debat. Hoewel het geen centrale doelstelling is van dit vak, zullen we je wel bewust maken van de maatschappelijke en economische context van dit vak. Daarnaast zullen we aandacht besteden aan ethische vraagstukken rondom marketingcommunicatie.

Specifieke leerdoelen: Het vak heeft als specifieke doelstelling om tweedejaars studenten Bedrijfskunde:

- Kennis te bieden over concepten, theorieën en modellen over de

planning en werking van marketingcommunicatie;

- Inzicht te geven in de bijdragen die verschillende disciplines als psychologie, marketingwetenschap, communicatiewetenschap en bedrijfskunde leveren aan dit multidisciplinaire vakgebied;
- De kennis en vaardigheden te laten ontwikkelen die nodig zijn om kritisch te reflecteren op de theoretische en praktische waarde en bruikbaarheid van de aangereikte concepten, theorieën en modellen;
- In staat te laten zijn om met de aangereikte concepten, modellen en theorieën marketing communicatie cases uit de praktijk te analyseren en evalueren;
- In staat te laten zijn om met de aangereikte concepten, modellen en theorieën marketing communicatie campagnes te ontwerpen.

Inhoud vak

Advertising en andere vormen van marketingcommunicatie spelen een belangrijke rol in de marketing van producten, diensten en ideeën. In dit vak ontwikkel je kennis en vaardigheden die nodig zijn om marketingcommunicatie in de praktijk te beoordelen en (mede-) te ontwikkelen. We baseren ons daarbij op wetenschappelijk onderzoek over deze onderwerpen, maar stellen ons steeds ten doel om deze wetenschappelijke inzichten te vertalen naar de praktijk. Dit gebeurt door een grote hoeveelheid voorbeelden en cases uit de praktijk te koppelen aan de theorie, en door je kennis in te zetten bij het ontwikkelen van (elementen uit) marketingcommunicatie-campagnes.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Schriftelijk examen, groepsopdrachten en participatie in discussies

Literatuur

Marketing Communications: A European perspective - De Pelsmacker, Geuens & Vandenberg - latest edition (if you want to use an earlier edition, please contact the coordinator in advance) + a few academic articles

Marketing Sustainable Innovations

Vakcode	E_IBA3_MSI ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M.H.P. Kleijnen
Examinator	dr. M.H.P. Kleijnen
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Marketing sustainable innovations is a subject that is truly interdisciplinary in nature. You will study various perspectives of marketing (Knowledge), driven from an innovation, psychology, value and behavioural economics point of view. As a result, this course will challenge you to exam and understand sustainability issues from different perspectives, to abstract those insights relevant to specific

consumer-related problems when marketing such innovations and to build a well-argued case for successfully launching sustainable innovations (Academic Skills).

Being the last subject in a series of five, this course brings together insights from previous courses, not just from a theoretical but also a practical point of view. Building upon the previous period where you learned about developing and designing sustainable innovations, this course takes you to final stage in effectively launching that innovation into the market (Bridging Theory and Practice).

This assignment is completed in a bootcamp-style setting, where you work intensively during a short time period in a team setting (Social Skills). Such 'pressure-cooker' situations challenge you to source various skills to create not only optimal content (a marketing plan) but also an effective team, where tasks and time are managed well and you can constructively reflect on your own as well as your team members' performance (Self-awareness).

Inhoud vak

Building on the preceding subjects in the minor Sustainability and Innovation, this course analyzes the final element in the value chain: bringing sustainable products and services to the market. The course will end with a boot camp in which the students are challenged to combine the insights gained in previous courses, into an attractive marketing plan that takes all stakeholders into account.

The course starts with a stakeholder marketing perspective, specifically focusing on the consumer and how that consumer acts within a network of stakeholders. It discusses the psychological and behavioral aspects that come in to play when bringing sustainable innovations to the market. Despite efforts involving consumers in early stages of innovation, sustainable products and services often struggle with limited take-off. As an (international) business professional, but also as a sustainability consultant or policy maker, it is crucial to understand the mechanisms that drive the adoption of sustainable innovations. We discuss relevant insights from innovation, psychology, behavioral economics, and consumer value research to gain a better understanding of what affects actual consumer behavior.

Based on these insights, students will develop a marketing plan. This will challenge students to connect and integrate knowledge and insights from different subjects and help to recognize how various elements of the value chain and value network need to be aligned to create a successful sustainable product or service.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Group project assignment – Group assessment
Group and in-Class participation – Individual assessment

Literatuur

This course is article-based.
Readings will be announced on Canvas.

Aanbevolen voorkennis

This course is part of the Minor Sustainability and Innovation.
 This course builds on the courses of the minor in period 1 and 2.
 Additionally, knowledge of basic marketing principles or marketing management is recommended

Doelgroep

This course is part of the Minor Sustainability and Innovation. This minor can be followed by all SBE bachelor students. In addition, advanced bachelor students (third year) from other faculties as well as other universities are welcome to join. Particularly those with an interest in Business and Organization Studies, Economics, Social Sciences, Social Psychology, Healthcare, Media and Communication Studies, Engineering, Technology Management, Operations Management and Education.

It is especially interesting for:

- Future managers who want to understand how sustainability can be implemented in existing business
- Entrepreneurs / intrapreneurs that want to exploit the opportunities sustainability offers
- Future consultants in sustainability, strategic business consultants, of government policy consultants
- Students that want to be active in NGO's or other societal organizations

Meesterwerken uit de wereldliteratuur

Vakcode	L_AABAALG020 ()
Periode	Periode 1+2
Credits	12.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. M.J.E. van Tooren
Examinator	dr. M.J.E. van Tooren
Docent(en)	dr. M.J.E. van Tooren, dr. J.F. van der Meulen, dr. J.H.C. Bel, dr. M.H. Koenen, dr. P.H. Moser, prof. dr. D.H. Schram
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Kennismaking met de belangrijkste periodes en stromingen binnen de West-Europese literatuur vanaf de Oudheid tot heden aan de hand van klassiek geworden meesterwerken.

Inhoud vak

Elke week, dat wil zeggen voor elk college, leest de student een literair 'meesterwerk' en een kleine hoeveelheid toegankelijke secundaire literatuur. Op college zal de docent naast het te lezen meesterwerk ook enkele fragmenten uit andere canonieke teksten uit de betreffende periode/stroming bespreken.

Onderwijsvorm

Hoorcollege met discussie (3 uur per week).

Toetsvorm

Verplichte aanwezigheid (80%) en een schriftelijk tentamen aan het eind van periode 1 en periode 2. Het gemiddelde van beide tentamencijfers is het eindcijfer; het minimum cijfer voor elk van beide tentamens is een 5.0.

Literatuur

Na een algemene inleiding over theoretische kwesties als periodisering, classificering en canonvorming wordt een dertiental teksten besproken. NB. Deze opgave is onder voorbehoud, omdat bij het publiceren van de studiegids nog niet alle docenten en hun keuze voor een meesterwerk bekend waren. De definitieve lijst zal zo snel mogelijk op Canvas bekend worden gemaakt.

Lucretius (selectie uit zijn werk);

Tristan en Isolde;

Milton, Het paradijs verloren (Paradise Lost)

Defoe, Robinson Crusoe

Hugo, De klokkenluider van de Notre Dame (Notre Dame de Paris)

Flaubert, Madame Bovary

Oscar Wilde, Het portret van Dorian Gray (The Picture of Dorian Gray)

Couperus, De stille kracht

Thomas Mann, De dood in Venetië (Der Tod in Venedig)

Franz Kafka, De gedaanteverwisseling (Die Verwandlung)

Nabokov, Lolita

Hafid Bouazza, Paravion

Michel Houellebecq, Onderworpen (Soumission)

De teksten mogen zowel in de oorspronkelijke taal als in vertaling gelezen worden. De te lezen secundaire literatuur wordt via Canvas bekend gemaakt.

Vereiste voorkennis

Geen

Doelgroep

De minor staat open voor alle studenten.

Overige informatie

Deze module is een verplicht onderdeel van de minor Literatuur.

Daarnaast volgt de student Het boek: papier en digitaal,

Schrijvershuisbezoeken en Creative Writing (alle drie 6 studiepunten).

Microeconomics II

Vakcode	E_EBE2_MICEC ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. H.G. Bloemen
Examinator	dr. H.G. Bloemen
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

In deze cursus staat de theorie van het keuzegedrag van economische entiteiten (consumenten, producenten, sectoren, overheden) op een gevorderd niveau centraal. De uitkomsten van dit keuzegedrag hebben hun weerslag op het functioneren van markten (Vakkennis). De theorie wordt toegepast op verschillende vakgebieden, zoals de publieke economie (welvaartsanalyse, publieke goederen, externaliteiten), industriële organisatie (prijsstrategieën, oligopolistische markt vormen) en vraagfuncties ('revealed preference') (Vakkennis, Academische vaardigheden). Je leert deze theorieën toe te passen met het analytische instrumentarium van economische modellen (Kwantitatieve vaardigheden). Hiermee leer je tevens kwantitatieve implicaties van de theorieën uit te werken. Je verwerft inzicht in de onderliggende veronderstellingen van theorieën en welke rol deze spelen in het trekken van conclusies (Academische vaardigheden).

Na dit vak ben je in staat:

- het begrip algemeen evenwicht te begrijpen en te analyseren;
- het begrip Pareto efficiëntie uit te leggen, en weten onder welke veronderstellingen Pareto efficiëntie van toepassing is, en wanneer er niet aan voldaan wordt;
- publieke goederen te analyseren in samenhang met het begrip externaliteiten;
- kunnen analyseren van arbeidsaanbodgedrag als toepassing van nutsmaximalisatie;
- verschillende prijsstrategieën voor ondernemers te herkennen en toe te passen, zoals prijsdiscriminatie, two-part tariffs, en bundling;
- de marktstructuur monopolistische concurrentie te karakteriseren (definitie en marktevenwicht), en de samenhang met begrippen als 'minimum efficient scale' en productdifferentiatie te kennen;
- verschillende modellen voor oligopolistische markten te kennen, en op te kunnen lossen;
- strategische gedrag van bedrijven in markten met oligopolie te analyseren, zoals de beslissing om al dan niet samen te werken, toetreding en toetredingsbelemmering;
- speltheorie toe te passen op bedrijven in oligopolistische markten, en daarbij weten wat de rol is van simultaan versus sequentieel handelen, één- versus meerperioden situaties, pure versus gemengde strategieën;
- specifieke kenmerken van markten in de informatietechnologiesector te analyseren, zoals complementariteiten en systemen, netwerken en netwerkexternaliteiten;
- intertemporele beslissingsproblemen analyseren, met als specifieke toepassingen spaar- en leengedrag, investeringsbeslissingen, human capital theorie, en pensioneringsbeslissingen;
- het begrip asymmetrische informatie kennen en weten hoe dit kan leiden tot marktfalen en moral hazard problemen;
- contracttheorieën en principaal-agent problemen en de rol van asymmetrische informatie en moral hazard daarin kunnen analyseren;
- het begrip revealed preference kennen en toepassen, en weten hoe je op basis van waargenomen keuzes de onderliggende preferenties van consumenten kunt reconstrueren.

Inhoud vak

In deze cursus komt de theorie van het algemeen evenwicht aan de orde. Hierbij wordt ingegaan op de voorwaarden waaronder Pareto efficiëntie wordt bereikt. In deze context wordt gekeken naar welvaartsmaximalisatie en sociale welvaartsfuncties. Het begrip Pareto efficiëntie wordt vergeleken met het begrip "eerlijke" verdeling. Besproken wordt de schending van Pareto efficiëntie door het ontbreken van markten in het

geval van externaliteiten en publieke goederen. Monopolie is een marktstructuur waarin Pareto efficiëntie niet bereikt wordt. Gekeken wordt naar de oorzaken van monopolie zoals het bestaan van een natuurlijk monopolie. Monopolisten kunnen hun positie gebruiken door prijsstrategieën als prijsdiscriminatie uit te voeren. Een tussenvorm waarin bedrijven wel monopoliemacht hebben maar ook geconfronteerd worden met vrije toetreding van rivalen is monopolistische concurrentie. Een aantal implicaties van deze marktform wordt besproken. In markten met oligopolie spelen strategische reacties een belangrijke rol, zoals de beslissing om al dan niet samen te werken, en toetreding te belemmeren. Speltheoretische methoden geven daarbij inzicht in verschillende aspecten van de strategie. Met de komst van informatietechnologie zijn er veel nieuwe vormen ontstaan waarop producten door aanbieders worden aangeboden. Enkele van deze strategieën worden besproken. Een veiling is een allocatiemechanisme dat vele toepassingen kent, waaronder de veiling van radiofrequenties. Ook hierbij spelen speltheoretische aspecten een rol. Verder wordt ingegaan op asymmetrische informatie. Intertemporele beslissingen van consumenten, en producenten worden gemodelleerd. Het begrip revealed preference wordt uitgelegd.

Onderwijsvorm

Hoorcolleges.
Instructiecolleges.
Werkcolleges

Toetsvorm

Interim opdracht(en) – individuele beoordeling.
Tentamen met open vragen – individuele beoordeling.

Literatuur

Hal R. Varian, "Intermediate Microeconomics", 9th edition.

Aanvullende artikelen: worden nader bekend gemaakt.

Aanbevolen voorkennis

Microeconomics I, Quantitative Research Methods I en Quantitative Research Methods II.

Migration, Ethnicity and the Economy

Vakcode	L_GWBAALG002 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	R. Gowricharn
Examinator	R. Gowricharn
Docent(en)	R. Gowricharn
Lesmethode(n)	Werkcollege
Niveau	200

Doel vak

To familiarize oneself with and critically reflect on the ways immigrants have been incorporated and how their exclusion has been

legitimized in social and public debates. To gain knowledge of and understand the relation between culture and economics as applied in integration studies. To gain knowledge of and insight into the ways culture generates economic forces and fosters or impedes immigrant incorporation. To learn how to write a position paper in which a personal stance is developed that addresses one of the key debates at the centre of the course.

Inhoud vak

Failing immigrant incorporation in many Western societies has been attributed to immigrant culture. Although an increasing proportion of immigrants are incorporated in society, they are blamed for their deficient attitudes, ethnic networks and incompatible values. Immigrants are urged to adopt the host society's culture to equalized their own culture and establish equal chances. This message of assimilation had been strongly recommended in public debate and scholarship. Failure to become integrated is often attributed to the persistence of immigrants' cultures. In this reasoning, two issues are downplayed. The first is that the causes of incorporation are determined in the realm of 'culture'. Culture becomes a master concept to explain every negative outcome concerning migrants. Culture also accounts for positive outcomes, since the incorporated migrants allegedly have adopted the host culture. In contrast, as it concerns the native population, the market accounts for incorporation—specifically the labour and housing market. The market is supposedly devoid of culture, as major players are rationally driven to maximize their gains. The second issue consists of a denial of the way culture frames and determines economic forces, including markets. The dominant concept is that economics determine culture (rather than culture determining economics) and that culture is something located outside the economic realm. This conception misrepresents that culture is often constitutive of economics and that the economic actor's culture enables incorporation. This course addresses the relationship between culture and economics. It discusses the current (mis)conceptualization of culture in the field of economics and the related consequences. It exemplifies these issues by discussing the incorporation of immigrants. Basic concepts:

- Labour selection and productivity
- Ethnicity and entrepreneurship
- Consumption of ethnic commodities

Onderwijsvorm

Seminars, guest lectures and an excursion.

Toetsvorm

Weekly assignments (20%), a mid-term essay (20%), presentations (10%) and a position paper (50%).

Literatuur

To be announced.

Doelgroep

This course is open to students from various disciplines who have completed their first year of their Bachelor program. Exchange Students.

Overige informatie

This course is part of the minor 'Migration Studies'.

Mind and Machine

Vakcode	AB_1060 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. L.N. Cornelisse
Examinator	dr. L.N. Cornelisse
Docent(en)	dr. K. Linkenkaer Hansen, dr. L.N. Cornelisse
Lesmethode(n)	Computerpracticum, Werkgroep, Hoorcollege, Excursie
Niveau	300

Doel vak

To provide students with a broad insight in the rapidly developing field of brain modelling, artificial intelligence, brain computer interfacing and machine learning.

Specifically, at the end of the course the student should be able to:

1. explain the meaning of key concepts treated in the course and to give examples of where key concepts are already applied (services or products).
2. describe most commonly used forms of, as well as the state-of-the-art and trends in, brain modeling, AI and BCI as discussed in the course.
3. reproduce the underlying principles of brain modelling, AI and BCI at the level discussed in the course.
4. reproduce and present with a group of students the content of a scientific paper at the level of a science journalist for a layman audience.
5. provide constructive feedback to fellow students with the aim of improving their oral presentation and is able to use received feedback to improve his/her own oral presentation.
6. develop, present and defend a business proposal, i.e., an idea for a product or service that exploits state-of-the-art technological advances within the themes of the course, or advances that may be anticipated in the coming years.
7. formulate a scientifically informed opinion about the ethical aspects of AI and BCI.

Inhoud vak

People have always been fascinated with the idea to create intelligent computers and robots and to integrate computers in the brain to manipulate or enhance

its performance. In this course, the current status is discussed of brain inspired artificial intelligence, realistic computer simulations of the brain and brain-computer interfacing. To

investigate how close science has come to science fiction students work in groups to prepare a business proposal in which they describe a new commercial application of artificial intelligence or brain computer interfacing. Students will present with their group a scientific paper describing the key technology of their project. The business proposal is presented to peers and a reviewer during a poster session at the end of the course. In addition, students will discuss the ethical, legal, and philosophical aspects of artificial intelligence and brain-computer-interfacing.

Onderwijsvorm

Lectures 40 hrs

Practicals 12 hrs

Business project 60 hrs

Toetsvorm

Exam 50%

Business project 40%

Discussion 10%

Weighted average of exam and business project need to be 5.5 or higher to pass the course and cannot be compensated by the Discussion grade.

Literatuur

To be decided

Aanbevolen voorkennis

Two years of study at bachelor's level.

Doelgroep

All students with an interest in the computational abilities of the brain and brain-inspired technology

Overige informatie

Part of minor Brain and Mind.

This minor course requires a minimum of 25 participants to take place.

Central Academic Skills:

Think out of the box: imagination may push basic science into applications and create business opportunities.

Minor English: English in my own Discipline

Vakcode	L_ETBAALG008 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. G.A. Dreschler
Examinator	dr. G.A. Dreschler
Docent(en)	dr. G.A. Dreschler
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

You gain insight into the language used in various text types which are common in your own academic discipline and the professional domains associated with your specialization. After successfully completing this course you will have (i) knowledge of the different types of texts written in your own discipline, either on an academic level or in the professional domain; (ii) insight into linguistic features related to structure, formality and stance in one or two text types in your discipline; and (iii) knowledge of several types of analysis and methods used in genre analysis and corpus linguistics. You will be able to apply these methods independently to a selection of texts from your discipline and use the knowledge gained from these analyses in your own writing.

Inhoud vak

In the first couple of sessions, we will discuss different methods of analysis used in linguistics for analyzing characteristics of texts and apply them to texts. You will then choose one of these methods and apply this in an analysis of a collection of texts in your own discipline, present the preliminary results of your analysis, and write a final research article in which you report on the analysis, following conventions from linguistic papers.

Onderwijsvorm

2 seminars of 2 hours per week in weeks 1 - 3.

Toetsvorm

The grade for this course will be based on the final report (after rewriting) (75%); and the grade for the presentation (25%). To pass the course, you need a minimum grade of 5.5 for both assignments.

Literatuur

Materials will be made available or listed on Canvas.

Vereiste voorkennis

This course is only available as part of the <Minor Engels/Minor in English>;. Students must have completed Writing 2 before embarking on this course.

Doelgroep

The <Minor Engels/Minor in English>; as a whole is aimed at bachelor and premaster students across the university who want to improve their written English in an academic context. The Minor is not open for students in the BA programme CIW who are following the specialization in English and International Communication.

Overige informatie

The course has obligatory attendance.

Minor English: Grammar and Writing 1

Vakcode	L_ETBAALG007 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. G.A. Dreschler
Examinator	dr. G.A. Dreschler
Docent(en)	drs. I.M.W. 't Hart MPhil, dr. G.A. Dreschler, dr. C.A.M. de Jong
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege, Werkgroep
Niveau	100

Doel vak

After successfully completing this course you will have knowledge of and insight into the language which typifies academic writing in English and into English requirements of text structure, as well as into how these aspects are different from other languages, most importantly Dutch. You

have knowledge of and insight into the most important aspects of English grammar, particularly those which typically cause students problems when writing formal English.

You will also be able to write a well-structured English text in a formal style about a subject related to your own study programme, free of serious lexical and grammatical error which would have an adverse effect on the readability of the text. In terms of the Common European Framework of Reference [CEFR], successful completion of this course will bring you to level B2 in terms of communicative competence and B2i in terms of grammatical accuracy and vocabulary control. You will have greater insight into the strengths and weaknesses of your English writing skills, and knowledge of how to further develop your strengths and reduce your weaknesses.

Inhoud vak

The course consists of a writing and a grammar component. In the writing component of the course the emphasis is on (a) identifying the paragraph structures, sentence structures and kind of language used across a range of academic texts in all kinds of disciplines, and (b) getting to grips with the basic problems involved in writing good, formal English (e.g. differences between English and Dutch, the essentials of English punctuation, formal style). The grammar component consists of a practical introduction to basic aspects of the grammar of contemporary English, with special attention for the problems that students typically have when writing formal English.

Onderwijsvorm

For the writing component: 1 hr per week lecture; 2 hrs per week seminar.

For the grammar component: 1 hr per week lecture; 2 hrs per week seminar.

Toetsvorm

(i) a text of 1000-1200 words on a subject related to the student's own discipline (50%); (ii) a multiple choice computer test on grammar (50%).

In order to pass the course students must score a minimum of 5.5 on each component.

Literatuur

Hannay, M. & J.L. Mackenzie (2009). *Effective Writing in English*. 2nd edition. Bussum: Coutinho.

Book for grammar: to be announced.

Additional materials will be made available on Canvas.

Vereiste voorkennis

At least one year of university study, including experience in writing academic text; premaster students may also follow this course as long as they have completed an academic skills course.

Doelgroep

Bachelor students across the university who want to improve their written English in an academic context; the course is not open for students who have done academic English in their academic core. The course is part of the [Minor Engels/Minor in English] but can also be followed separately.

Overige informatie

The course has obligatory attendance. Note that this is an English writing course rather than simply a writing skills course. The assumption is that participants have already successfully completed an academic skills course in their first two years of university study.

Minor English: Pronunciation and Presentation

Vakcode	L_EABAALG006 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. L.M. Rupp
Examinator	dr. L.M. Rupp
Docent(en)	dr. L.M. Rupp, dr. T. Krennmayr
Lesmethode(n)	Werkcollege, Hoorcollege
Niveau	200

Doel vak

Regarding pronunciation, you will be able to describe the 10 most common English pronunciation difficulties. You will also be able to describe the effects of particular accent features on intelligibility and credibility in professional situations. Regarding presentation, you will be able to strategically apply prosodic features and conversational patterns in such a way that they will help you structure and enliven your talk. By the end of the course, you will be able to fix the 10 most common English pronunciation difficulties in your own pronunciation and you are able to confidently give an oral presentation.

Inhoud vak

In the pronunciation component, we will set goals for the English accent that you wish to develop. We will analyse the 10 most common English pronunciation difficulties (including commonly mispronounced words), and the effects that these difficulties may have on the intelligibility and credibility of your accent. You will be given tools that help you analyse English pronunciation features and fix features of your own pronunciation accordingly. As far as the presentation component is concerned, we will focus on those aspects of speech (based a.o. on corpus linguistic research) that help you catch your listener's attention. Many of these aspects come naturally in everyday speech, but seem to be forgotten during more strenuous activities, such as speaking and presenting in a foreign language. This course will make you more aware of those prosodic features (intonation, voice quality) and conversational patterns (questions, pauses, repetition) of speech that you can use to get your message across.

Onderwijsvorm

Pronunciation: Lectures (2 hrs a week) and seminars (1 hr a week)
 Presentation: seminars (2 hrs a week)
 Lectures and seminars are supported by audiomaterial.
 Students are expected to do weekly readings and assignments.

Toetsvorm

Two recordings of your own pronunciation (50%) and a presentation on an academic subject (50%).

Literatuur

Rupp, L. 2013. Uitspraakgids Engels voor professionals. Amsterdam: VU Uitgeverij. International students can use the website accompanying the course book. <https://vuuitspraakengels.wikispaces.com>

Doelgroep

Students across the university who wish to improve their English pronunciation and presentation skills.

Overige informatie

Class attendance is obligatory (80%). Participants will also need to have submitted 80% of the weekly assignments set in order to be assigned a grade for the course.

Minor English: Writing 2

Vakcode	L_ETBAALG005 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. G.A. Dreschler
Examinator	dr. G.A. Dreschler
Docent(en)	dr. G.A. Dreschler
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

After successful completion of the course students will feel confident that they can write a bachelor dissertation in English and embark on a Master's degree where English is the language of tuition. In terms of the Common European Framework of Reference [CEFR] you will be at level B2 for linguistic accuracy and at the high end of B2 for relevant communicative competence. Specifically, the course aims to help students in:

- getting more practice in writing formal, academic English.
- developing reading skills which will allow them to note linguistic and structural features of relevant academic text types in their own discipline;
- gaining insight into how specific linguistic structures can contribute to text coherence and text cohesion;
- acquiring greater knowledge of the stylistic and rhetorical aspects of written formal texts;
- getting greater insight into the strengths and weaknesses of their English writing skills, and knowledge of how to further develop strengths and reduce weaknesses;

Inhoud vak

The main aim of this course is to further develop your writing skills in English. For this course we focus on your position as a writer in the

academic world, i.e. as someone who is engaged in academic discourse. This means that you need to be aware of appropriate structures at sentence level as well as at text level, at ways of using language to refer to other writers, and at ways of using academic language effectively. The emphasis in this course is on (a) gaining more insight into the language and style of your own academic discipline, (b) improving coherence, compactness and readability, and (c) expanding your grammatical repertoire.

Onderwijsvorm

2 hrs per week lecture; 2 hrs per week seminar.

Toetsvorm

There are three assignments for this course: a short comparative essay (30%), a term paper on linguistic and stylistic features of academic texts in one's own discipline (30%), plus a paper of 2000 words on a subject related to your study (40% of the mark).

Literatuur

Hannay, M. & J.L. Mackenzie (2009). *Effective Writing in English*. 2nd edition. Bussum: Coutinho.

Separate materials available via Canvas.

Vereiste voorkennis

Students must have either (a) completed an introductory academic English course earlier in their university studies or (b) already completed Minor English: Grammar and Writing 1.

Doelgroep

Bachelor and premaster students across the university who want to improve their written English in an academic context, with the exception of students of CIW who are following the specialization in English and International Communication.

Overige informatie

The course has obligatory attendance. If you miss more than two weeks you will not be allowed to complete the course.

Minor's Tutorial in Development and Global Challenges

Vakcode	S_MWDCG ()
Periode	Periode 1+2+3
Credits	0.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	dr. E.W. Bal
Examinator	dr. E.W. Bal
Lesmethode(n)	Studiegroep, Hoorcollege
Niveau	300

Doel vak

The Minorwerklint Development and Global Challenges is a series of tutorials in preparation to the course Urban Studies. These tutorials are meant for students in the Minor Development and Global Challenges only. The tutorials also aim to facilitate the integration of the five

courses that constitute the minor.

Inhoud vak

During the entire track (P1 and p2) students will take part in excursions, attend expert lectures and prepare (in teams of 4 students) the short research project that they carry out in P3 as part of the Urban Studies course. During P1, all activities carried out in the will be closely linked to the first two courses taught in the Minor. In P2 students will begin the preparations for their short research projects in Urban Studies.

Onderwijsvorm

Guestlectures, excursions and tutorials

Toetsvorm

To be announced in the course manual (see CANVAS).

Literatuur

To be announced in the course manual (see CANVAS).

Vereiste voorkennis

Active participation in the parallel courses in this Minor

Doelgroep

Students in the Minor Development and Global Challenges

Nation and Migration

Vakcode	S_NM ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	dr. A. Hossain
Examinator	prof. dr. P.D. Nyiri
Docent(en)	prof. dr. P.D. Nyiri, dr. A. Hossain
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

This course introduces students to the study of international migration and how the phenomena, perceptions, and policies towards migration reflect and shape the governance and self-perception of nation-states. It is part of the curriculum strand 'World Making' and complements the course Identity, Diversity and Inclusion.

Learning objectives:

Knowledge and Understanding. Students have acquired knowledge and understanding of:

(1) key theories, concepts and methods for the study of migration in the social sciences.

Application. Students have acquired the competences to:

(2) apply these to analyse migration dynamics in selected case-studies.

Attitude. Students can demonstrate:

(3) a critical perspective on current events surrounding migration.

Inhoud vak

Today's debates on migration are often inseparable from nations' perceptions of themselves and each other. This course discusses the relevance of migration in today's global world, particularly in relation to: identity concerns (diasporas, transnationalism, nationalism, multicultural societies), development (migration and development) and international political issues (migration governance and ethnography of the state).

The course introduces students to major theories to understand migration, but privileges the adoption of constructivist approaches. It invites students to look at migration from the perspectives of people engaging in migration directly, of people encountering migrants as new neighbours, or of people tasked with the function of controlling and governing migration. Through this perspective, students engage with processes of community building and belonging, and with the power struggles associated with migration. They acquire a thorough theoretical knowledge and critical understanding of these phenomena and key concepts that can help understand them:

- (1) How do migrants construct their identities on the move?
- (2) How do transnational communities and diasporas develop?
- (3) How do national communities respond to migration and deal with the diversity that derives from it?
- (4) How is migration governed and controlled by state apparatuses in migrant countries of origin and destination?
- (5) How do the bureaucrats and professionals dealing with migration translate migration policies into everyday practices?
- (6) What are the implications of migration for development and social transformation in both origin and destination societies?

Onderwijsvorm

Lectures, case-study presentations, peer discussions

Toetsvorm

Final exam (digital)

Literatuur

To be announced in Canvas

Doelgroep

2nd year bachelor students in Cultural Anthropology and Development Sociology
Students in the Minor Anthropology

Nature versus Nurture

Vakcode	AB_1057 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. J.C. Polderman

Examinator	dr. J.C. Polderman
Docent(en)	dr. P. van Nierop, dr. J.C. Polderman
Lesmethode(n)	Practicum, Computerpracticum, Werkgroep, Hoorcollege
Niveau	300

Doel vak

Students learn how individual differences in human complex behavior can be explained by genetic variation and environmental factors.

Inhoud vak

Human traits show considerable individual differences, which are due to differences in the individual's genes and/or the environment. In the Nature vs. Nurture course the influence of genes and the environment on human behavior will be discussed. Empirical evidence based on experiments with human subjects will guide these discussions. During the course many important topics from modern day society will be discussed, such as the influence of violent gaming on juvenile behavior, the role of parents in personality development of children, and the causes of mental disorders.

The genetic information contained in our DNA, represents the nature component that influences human behavior. An important aspect of the course is to show how research on genetic information is conducted. Students are introduced to various molecular biological techniques used to study the genome, such as DNA collection, isolation, and genotyping, and (statistical) methods to link variation in DNA to variation in behavior. The ultimate goal of this course is to understand the 'nature' and 'nurture' causes of individual differences in human cognitive and social behavior, and to be able to critically evaluate the nature-nurture debate.

Onderwijsvorm

Practicals (10%), lectures (80%), debates + workshop presenting (10%)

Toetsvorm

The final grade of Nature vs. Nurture is based on participation in debate sessions (5%), and the DNA practical (5%), and a written exam (90%). Of note: 55% of the written exam must be correct to obtain a final grade. Nature vs. Nurture is successfully completed with a final grade > 5.45.

Literatuur

Text book "Behavioral Genetics" 7th edition, by Plomin et al.

Scientific papers, TBA during course

Vereiste voorkennis

None

Aanbevolen voorkennis

Broad interest in brain, behavior, psychology, genetics and neuroscience

Doelgroep

Third year BSc students alpha and gamma topics (Sociology, Psychology, Economics, Law, Artificial Intelligence etc.) and students from Lifesciences (Biology, Physics, Chemistry, Medicine, Movement Science, Nutrition etc.) with a broad interest in neuroscience. Students of Biomedical Sciences and Health and Life Sciences as well as

students that plan to pursue a career in Neuroscience can follow the more specialised minor "Biomolecular/Neurosciences".

Overige informatie

Guest lecturers:

Prof Bartels (VU-FGB)

Dr. Lewis (University of London, UK)

Dr. van Dongen (VU-FGB)

Dr. Stringer (VU-CNCR)

Prof. Dr. Konijn (VU-Social Sciences)

Prof. Dr. Van Straalen (VU-FALW)

Prof. Dr. Schuengel (VU-FPP)

Neuro- en Revalidatiepsychologie

Vakcode	B_NEURREVPSY (900502)
Periode	Periode 3
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. A. Ledebt
Examinator	dr. A. Ledebt
Docent(en)	dr. A. Ledebt, dr. J.F. Stins
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Na deze cursus kunnen studenten:

- Een overzicht geven van de neuropsychologische aspecten van gedrag en van de motorische problemen en hogere-functiestoornissen na een hersenbeschadiging.
- Van enkele factoren (zoals motorische en sensorische stimulatie en/of motorische oefening) beschrijven welke invloed deze uitoefenen op de plasticiteit van de hersenen.
- Bij elk van de genoemde factoren interventies/onderzoeken beschrijven en verklaren wat het effect daarvan is op de revalidatie na een hersenbeschadiging.

Inhoud vak

In deze cursus staat de vraag centraal welk effect hersenbeschadiging kan hebben op motorisch handelen. We hanteren hierbij een ruime definitie van 'motoriek'; succesvol bewegen omvat meer dan alleen het bewegen van een ledemaat. Ook processen als aandacht, executief functioneren, emotie, lichaamsrepresentatie, en ruimtelijke oriëntatie zijn noodzakelijke factoren. Met andere woorden, allerlei 'hogere' mentale processen participeren in, en ondersteunen, selectie en uitvoering van motorische handelingen. Aangezien deze mentale processen ook op hun beurt kunnen zijn aangedaan tgv. hersenbeschadiging, zal dit ook leiden tot een verminderde kwaliteit van motorisch handelen. Typische syndromen die we zullen bespreken zijn apraxie, neglect, aandachtsstoornissen, en zgn. 'frontale' syndromen.

Onderwijsvorm

De cursus bestaat uit hoorcolleges.

Toetsvorm

Schriftelijk tentamen met open- eindvragen en meerkeuzevragen

Literatuur

Losse artikelen. De literatuurlijst en de Cursushandleiding worden tzt online bekendgemaakt.

Aanbevolen voorkennis

Van de deelnemers wordt verwacht dat zij globaal kennis hebben van neuroanatomie en neurofysiologie zoals bijvoorbeeld behandeld in het boek "Neurowetenschappen, een overzicht" van Ben van Cranenburgh.

New Developments in Risk Management

Vakcode	E_EBE3_NDRM ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	M.J. Hopman
Examinator	M.J. Hopman
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

This course offers a comprehensive introduction to new developments in Risk Management and how this impacts the risk management of financial institutions. The course is structured in 6 parts, covering the most interesting new developments:

1. Cybercrime;
2. Forensic;
3. Risk Management and Big Data;
4. Crisis Management;
5. Machine Learning and Robotics;
6. Recovery & Resolution.

All six parts of the course are closely knitted to the learning goals of Quantitative skills, Academic skills, Bridging theory and practice. You will enlarge your horizon and learn to think forward.

By the end of the course students should be able to (for each part):

- Explain how the new developments impacts the financial institutions;
- Illustrate what the consequences are for financial institutions;
- Analyse and motivate why these risks need to be mitigate;
- Develop possible solutions (plan of approach) to mitigate these risks;
- Create a view on future developments regarding these new developments.

Inhoud vak

Technology causes new developments in Risk Management. In the recent years it is accelerating and the regular financial institutions have to deal with it. This course will cover the most important developments, such as cybercrime, forensic research (to give more insight in e.g. anti-money laundering and terroristic financial transactions). What are FinTech's and what are the risks of FinTech's (both for the FinTech

itself and the financial environment?). What are the possibilities of “Big Data”? How can we use this data to improve risk management? What are the pitfalls of Big data and how can we still see the big picture? You will also gain a good view on crisis management in financial institutions. You will also be able to interpret and discuss the failure of financial institutions. How can you manage recovery and/or a decent wind down (resolution) without bathering the economic environment and taxpayer? Upon completion you will be able to outline a good overview of new developments, the risks and how you can deal with these challenges. This course will be supported by Deloitte specialists.

Onderwijsvorm

Interactive lectures and Tutorials

Toetsvorm

Final written exam (Individual assessment) and assignments.

Literatuur

To be defined and announced via Canvas.

Vereiste voorkennis

There is no formal entry requirement for the Deloitte minor Risk Management except for VWO Wiskunde A (or B). Students should have followed Risk Management in Banking and Risk Management for Financial Institutions (offered in period 1)

Aanbevolen voorkennis

Finance I; Accounting I; A basic course in quantitative methods and/or statistics is strongly recommended

Doelgroep

The Deloitte minor RMFI is for students from all bachelor programmes (with some exceptions, see the admission criteria) who want to acquire familiarity with Risk Management and Financial Institutions.

New Venture Creation

Vakcode	E_BK3_NVC ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. A.C. Guldemond
Examinator	drs. A.C. Guldemond
Docent(en)	prof. dr. E. Masurel
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

In this course students create a business plan for a start-up venture based on knowledge provided in the previous courses of the Entrepreneurship minor (bridging theory and practice).

The student will first learn to systematically identify and evaluate

entrepreneurial opportunities. A business opportunity is developed using the business model canvas. The student is able to use brainstorming and creativity in the process.

The student teams will test the business idea by collecting and analysing data to support the idea in the business plan and validate a possible investment in the business (quantitative skills). As part of the validation of the idea the concepts of sustainability, valorisation and technology will be used to categorise and demonstrate the economic feasibility of the idea. The course results in a business plan critical for successfully introducing a knowledge-driven innovation to the market.

The student cooperates with others in a team and presents and defends the business idea. Interviews and discussions with stakeholders of the business like investors, possible customers and partners gives insight in the context and validity of the idea. (social skills). The student will present the business plan to a panel of experts and entrepreneurs and learn to judge and evaluate different business plans (bridging theory and practice). Reflection on the process of developing a plan at the end of the course will result in feedback on what the student learned, what choices he/she made and how he/she was learning in the group (self awareness).

The course will challenge the student to use the skills and knowledge from previous courses and experiences. The course expects the students to interact with professionals from the community of entrepreneurs and business developers and society at large.

Inhoud vak

What is a startup and what does the entrepreneur do and what characterizes good, structured and effective business development?

In this course students work to create a business plan to validate a business idea in an iterative process. During this process business- and entrepreneurial theories are used in a context specific application.

In order to invest in a plan (this investment can be time, energy, knowledge, network and money) an entrepreneur needs to constantly learn and reflect and put this experience in his business and his business plan. A start-up will iterate, get feedback and change course during its development. These iterations are part of the course where feedback from professionals and coaches are integrated.

Business model version 4.0 is presented by Prof Enno Masurel and used to create a valid strategy to connect the needs of the customer with the value proposition and the required resources. Also the aspects of competition and sustainability are researched and connected to the overall aim of the business. Students will use valorization of new technology and academic knowledge to bridge the gap between research and practice. In the course students are challenged to think of alternative forms of financing such as crowd funding, subsidies and business angels to finance the business.

As the investors expect the business to create a return on investment the students will generate market knowledge about the customer needs, the product market fit and the growth potential. To make the business plan ready for evaluation by investors and stakeholders Investment analysis is an essential part of the business plan development.

The students will present to a panel of experts, entrepreneurs and investors. They will give feedback with a market perspective and based on their experience.

Onderwijsvorm

Lectures and tutorials.

Toetsvorm

individual and group assessment

Literatuur

Required Reading:

- Sørensen, H. E. (2012). Business Development: A market-oriented perspective. West Sussex, United Kingdom: John Wiley & Sons Ltd.

Additional (required) materials will be announced via Canvas.

Aanbevolen voorkennis

Basics of business administration or economics.

Doelgroep

Students of the minor in entrepreneurship and other third year students with an interest in business.

New Ways of Working

Vakcode	E_MM_NWW ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. A. Sergeeva
Examinator	dr. A. Sergeeva
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

After completing the course, students will:

- Understand how the properties of digital technologies require, as well as enable new approaches to working and organizing
- Have knowledge of relevant theories of how working, coordinating, and managing in these new environments is different from traditional workplaces and critically reflect upon the underlying assumptions
- Understand the interplay between technology and work practices and be able to analyze and demonstrate that interplay
- Be able to apply academic insights to analyze and develop solutions for a real life case

Inhoud vak

In this course we focus on the demands digital technologies put on organizations and society, and on how new ways of working and organizing help adapt to these challenges. Topics addressed in this course include, amongst others, how new ways of working (for example workers as digital nomads, expert systems as alternative for legal workers, or production done by 3d-printers) and new distributed and networked organizational forms (for example peer to peer communities or crowdsourcing) have

advantages and disadvantages over traditional organizational practices and structures. In addition to learning about these topics in interactive lectures, students will also be required to fulfill a number of assignments related to “real-life” challenges of new ways of working and organizing. The assignments are related to a particular organizational problem and will require students to apply theories discussed during the lecture to a particular case. These “hands-on” assignments are aimed to get a better understanding of the connection between theory and practice. With the assignments, students become academically prepared to understand and support the design, introduction and use of digital innovation and its implications for new ways of organizing and working in new distributed environments.

Onderwijsvorm

The course will consist of a combination of interactive lectures, guest lectures, seminars, and assignments. The lectures will also include a critical discussion of selected readings, stimulated by obligatory individual reflections on the literature. The seminars will be used to have students present, discuss, and further develop the assignments.

Toetsvorm

Individual assignments and Group project assignment

Literatuur

A selection of readings (mostly academic papers, but also book chapters and thoughtful business magazine articles) will be made available before the start of the course.

Vereiste voorkennis

None

Nudge: Influencing Behavior

Vakcode	E_BK3_NIB ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. van Horen
Examinator	dr. F. van Horen
Lesmethode(n)	Hoorcollege, Instructiecollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: You will critically reflect on theoretical and practical value (/usability) of the concepts, theories and models offered in this course. Furthermore, the focus is on analyzing problems in organizations (/society) and applying knowledge (/searching for solutions) based on the theoretical models we discussed.

Research Skills: You develop the capacity to critically read and understand academic literature and to translate academic research to practically relevant outcomes.

Knowledge: You obtain knowledge on core subjects about influencing and nudging and gain deeper understanding of topics already discussed in

“judgment and decision making”.

Bridging theory and practice: You are challenged to apply theoretical knowledge in real-life situations.

Inhoud vak

How can you improve the efficiency of towel and linen reuse programs in hotels? Which incentives help consumers to eat healthier? How can people be motivated to take public transport instead of the car?

These are some of the questions we deal with in the course Nudge: Influencing behaviour. Nudging is the art of subtly influencing people to change behaviour to serve societal and/or commercial goals such as e.g. reducing the number of phone calls to helpdesks, cutting down on energy use, reducing pollution, stimulating healthy behavior, etc.

In this course we build further on the basic principles of consumer choice which you learned in the Judgment and Decision Making course. In the first part, you will be offered tools to implement strategies that will guide consumers toward preferable, sustainable, and healthy choices. You will develop a behaviour change intervention that can benefit society, business, and/or the consumer.

In the second part we focus on social influence strategies. You will get insights into the persuasion tactics used by sellers, advertisers, and online service providers, which will make you become better at recognising opportunities for influence and better at employing effective strategies to convince others.

Onderwijsvorm

Lectures and small-group tutorials

Toetsvorm

Individual exam – individual assessment
(interim) assignment – group assessment

Literatuur

tba

Vereiste voorkennis

Judgment & Decision Making (course from same minor)

Aanbevolen voorkennis

Well-trained in academic method and thinking (i.e., with an academic bachelor).

Overige informatie

Part of this course builds on the course Judgment & Decision Making.

Numerical Methods

Vakcode	E_EOR2_NUME ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. L.F. Hoogerheide

Examinator	dr. L.F. Hoogerheide
Docent(en)	dr. A.A.N. Ridder, dr. L.F. Hoogerheide
Lesmethode(n)	Hoorcollege, Werkgroep, Computerpracticum
Niveau	200

Doel vak

Acquainting the student with numerical methods and applications to econometric problems.

Inhoud vak

Several methods will be discussed for solving numerical problems in econometrics. Topics include:

- floating point representation of numbers on computers
- numerical differentiation
- numerical integration: quadrature and Monte Carlo integration
- interpolation methods
- finding zeros of functions: bisection, Newton(-Raphson), Secant methods
- univariate optimization: golden section search.
- multivariate optimization: Newton(-Raphson) and BFGS with linesearch, Nelder-Mead. Differential Evolution.
- optimization under restrictions using transformations.
- using optimization methods to compute Maximum Likelihood estimators in non-Gaussian/non-linear econometric models
- Gaussian elimination with scaled partial pivoting.
- Power method for computing eigenvalues and eigenvectors.
- Monte Carlo simulation methods

Onderwijsvorm

Classes and computer practicals.

Toetsvorm

Intermediate exam – Individual assessment

Final exam – Individual assessment

Individual assignment - Groups of 1 or 2 students

Literatuur

Cheney & Kincaid (2012), Numerical Mathematics and Computing. 7th edition.

Aanbevolen voorkennis

Programming, Linear Algebra, Analysis II.

Operations Analysis

Vakcode	E_EOR3_OA ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. R. Roberti
Examinator	dr. R. Roberti
Lesmethode(n)	Hoorcollege, Instructiecollege
Niveau	200

Doel vak

Upon completion of this course, the students will have learned the following.

Academic:

To analyze and solve operations management problems through a variety of models and concepts.

Professional skills and quantitative methods

To apply tools to direct, design, deliver and develop processes, products and services using quantitative decision models

Social

To analyze and develop solutions for stylized case problems in teams

Link to practice

To relate to the practice of analyzing and managing processes and operations through guest lectures from professionals

Inhoud vak

Operations management is the process of managing people and resources to create a product or a service. This course provides the student with analytical and quantitative methods to support the operations function and the decision making process in an organization. We will focus on a number of topics at a strategic, tactical and operational level that are in reality closely related. We will analyze and solve key issues arising in operations management, such as facility layout and location, aggregate planning, project scheduling, operations scheduling and controlling. We will also investigate the applicability of the studied techniques by developing solutions for case studies and through guest lectures from practitioners.

Onderwijsvorm

Lectures and Tutorials

Toetsvorm

Written exam – individual assessment

Case assignment – team assessment

Literatuur

Nahmias, S. (2013). Production and Operations Analysis, McGraw-Hill

A selection of additional papers that will be made available via Canvas.

Operations Research I

Vakcode	E_EOR2_OR1 ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. N.K. Olver
Examinator	dr. N.K. Olver
Docent(en)	prof. dr. L. Stougie, dr. N.K. Olver
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

An introduction into optimization, and in particular deterministic optimization. One aim is to learn how to model a practical optimization problem into the appropriate mathematical formulation. The other is to learn the theory and application of solution methods for general classes of optimization problems.

Inhoud vak

This is an introductory course in deterministic optimization. The optimization models studied are unconstrained non-linear optimization, constrained non-linear optimization, convex optimization, linear optimization and integer linear optimization. Solution techniques for these classes of optimization problems are the central theme of this course. Another important element of the course is the mathematical formulation of (practical) verbally described problems as instances of the optimization models, and application of the solution methods to solve the resulting problems.

Onderwijsvorm

Lectures: 2 hours per week; Tutorials: 2 hours per week

Toetsvorm

An exam on the first half (period 1) of the course

An exam on the second half (period 2) of the course

The grade is the average of the two partial exams

Individual assessment must be made and passed to omit a penalty on the grade

A re-sit combines the two parts in one exam

Literatuur

H.A. Taha: Operations Research: An Introduction, International Edition, 9th and 10th Ed., Pearson.

Overige informatie

The course is suitable to be taken in an exchange program for students who have successfully completed courses in Linear Algebra and Analysis,

Operations Research II

Vakcode	E_EOR2_OR2 ()
Periode	Periode 4+5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. A.A.N. Ridder
Examinator	dr. A.A.N. Ridder
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

To be introduced to the theory of stochastic processes and models that are important in EOR practice. To learn modeling techniques for translating an EOR problem into an appropriate stochastic model. To learn how to apply optimization and simulation techniques for

performance analysis of stochastic systems.

Inhoud vak

This is an introductory course in stochastic models. It builds upon the basic course in probability theory and extends the theory of static probability to dynamic stochastic processes. The course focuses on Poisson process, discrete-time and continuous-time Markov chains, with applications to queueing models, risk analysis, reliability problems, and option pricing. It also discusses dynamic optimization and stochastic simulation of these systems.

Onderwijsvorm

Combined lectures and tutorials.

Toetsvorm

1. Individual assignment. 2. Midterm exam. 3. Final exam.

Literatuur

TBA

Vereiste voorkennis

Introductory courses on Probability Theory and Statistics

Aanbevolen voorkennis

Courses in Mathematical Analysis, Discrete Mathematics, Linear Algebra.

Doelgroep

Junior/Senior undergraduates in Applied Mathematics (e.g. Econometrics and Operations Research)

Overige informatie

The course is suitable to be taken in an exchange program.

Organization Theory

Vakcode	E_BK1_ORGT ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. K. van Bommel
Examinator	dr. K. van Bommel
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Het centrale doel van het vak is het bekend maken met, en inleiden in theorieën over het functioneren van organisaties. Door het volgen van dit vak ontwikkel je niet alleen kennis en vaardigheden die essentieel zijn voor een bedrijfskundig onderzoeker of bedrijfskundig professional, maar helpt het tevens in het ontwikkelen van een goed beeld van dit brede vakgebied en in de beoordeling of de verdere studie Bedrijfskunde je aanspreekt. De onderstaande leerdoelen komen tijdens het vak Organization Theory aan de orde:

Academische vaardigheden:

- Het kritisch lezen, analyseren, beoordelen en doorgronden van wetenschappelijke teksten op het terrein van organisatietheorie

Onderzoeksvaardigheden:

- Het kritisch reflecteren op, en interpreteren van literatuur en data op het gebied van organisatietheorie met als doel gefundeerde oordeelsvorming over de samenhang tussen concrete organisatievraagstukken en academische studies

Vakkennis:

- Het vanuit verschillende perspectieven begrijpen van de terminologie, begrippen, modellen en theorieën op het terrein van organisatietheorie

Link met de praktijk:

- Analyseren van een van de OT thema's aan de hand van theorie en praktijkinterviews, en op basis daarvan tot gefundeerde oordeelsvorming komen.

Sociale vaardigheden:

- Het doen van analyse en praktijkonderzoek in teamverband en resultaten hiervan terugkoppelen aan docenten/studenten

Inhoud vak

Bij het vak Organization Theory maken we kennis met het brede vakgebied dat kijkt naar het functioneren van organisaties en in het bijzonder naar de rol van het management. Je leert niet alleen de basisbegrippen, theorieën en debatten op o.a. de gebieden strategie, leiderschap, motivatie, planning en control, besluitvorming, ethics en organisatiestructuur, maar ook om praktijksituaties beter te begrijpen aan de hand van deze kennis. Je zult je in theorie en praktijk bezighouden met het in kaart brengen en analyseren van organisatievraagstukken en het ontwikkelen van een gefundeerde beoordeling van het (dis)functioneren van organisaties in de praktijk.

Onderwijsvorm

Hoorcolleges, werkcolleges en instructiecolleges

Toetsvorm

Schriftelijk tentamen – individuele beoordeling

Tussentijdse opdracht – groepsbeoordeling

Daarnaast moet voor het behalen van een eindcijfer voldaan worden aan een aanwezigheidsplicht en het maken van wekelijkse opdrachten

Literatuur

- Tekstboek: titel wordt nog gecommuniceerd
- Diverse wetenschappelijke artikelen en/of additionele boeken/boekhoofdstukken (titels worden nog gecommuniceerd)

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Business Processes 1.1

Organizational Behavior and Decision Making

Vakcode	E_EBE3_OBDM ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. D.A. Driver-Zwartkruis
Examinator	dr. D.A. Driver-Zwartkruis
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Academic Skills: Students will be able to understand complex organizational problems, identify the gap in theory and practice via interactive lectures, and mapping exercises. And thereby, apply the Harvard Methodology for preparing an academic case study report.

Knowledge: Students will be introduced to the theories and concepts of the study of Organizational Behavior and Decision Making.

Bridging Research and Practice: Students will select a current business case from the media (relevant newspaper article) and apply related theory and concepts to problems in the actual business case.

Social Skills: Students will work in teams and prepare a case study report, and they will prepare a presentation of their case study report.

Self Awareness: Students will be required to provide their reaction to the study curriculum and explain how this impacted their personal development.

Inhoud vak

In this course an examination of the human factor in an organizational context is presented. The course includes an introduction to relevant theories and concepts that can be applied in actual practice.

Therefore, students will:

- 1) acquire a basic understanding of the role of teams and groups in contemporary organizations;
- 2) understand the importance of ethics;
- 3) appreciate the significance of leadership and culture for organizational effectiveness. Attention will also be given to workplace diversity;
- 4) acquire a basic understanding of heuristics and biases in decision making processes.

Thus, social behavior in an organizational context will be analyzed at the individual, group and organizational levels.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

Examination - individual assessment.
Case study report.

Literatuur

Literature will be posted on Canvas.

Vereiste voorkennis

None.

Organizing Sustainable Innovation

Vakcode	E_IBA3_OSI ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. P.R. Tuertscher
Examinator	dr. P.R. Tuertscher
Docent(en)	prof. dr. ir. J.J. Berends, dr. P.R. Tuertscher, dr. ir. F. Deken
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Academic skills: ability to critically evaluate innovations and innovation approaches from the perspective of sustainability

Knowledge: theoretical understanding of the management of innovation processes and understanding of specific challenges and approaches for developing and adopting sustainable innovations

Bridging Theory and Practice: developing skills for applying creative and analytical methods for new product, service, and business model development

Social Skills: working in teams for idea development

Inhoud vak

This course concerns the development and commercialization of sustainable innovations. Organizing for sustainable innovation implies a shift away from a reactive approach (i.e. organizations responding to economic, societal and regulatory pressure) to a pro-active system oriented approach: by relying on creativity and a systematic (re)design of their business processes and interaction with stakeholders, organizations are now developing innovative products, services and business models that have sustainability at their core. Organizing for sustainable innovation involves many of the general processes and methods for the development of new products and services, yet also offers particular challenges and approaches, which this course addresses by building upon the stakeholder perspective developed in the earlier courses.

The following topics will be covered:

- Innovation management for sustainability, including innovation in an ecosystem of stakeholders; types of innovation (incremental/radical; product, service, process and business model innovation); innovation processes;
- The business case for sustainability, including why sustainability can be framed as an opportunity (as opposed to a threat or disruption to current business), potential pitfalls and how these can be surmounted
- Templates and principles for sustainable innovation, including key

approaches (e.g. circular business model, product servitization, base of the pyramid) and how they can be facilitated by digital technologies and innovative financing

- Developing ideas for sustainable innovation, including creativity and opportunity identification, and specific sustainability oriented approaches such as frugal innovation and reverse innovation
- The development of ideas into products, including co-creation with users and other stakeholders, design for sustainability, impact assessment, and the role of digitalization and dematerialization.
- Embedding sustainable innovations in value networks, including the important role that various stakeholders (e.g. suppliers, competitors, regulators, consumers) play in stimulating or inhibiting the adoption of sustainable innovations such as renewable energy.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Individual assessments
Group assessment

Literatuur

Collection of academic articles (will be announced on Canvas).

Aanbevolen voorkennis

First two courses of the minor program "Sustainability and innovation."

Persoonlijk Assistent Leraar

Vakcode	O_PAL ()
Periode	Periode 1+2+3, Periode 4+5+6
Credits	3.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. A. Handelzalts
Examinator	dr. A. Handelzalts
Docent(en)	dr. A. Handelzalts
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

Een student die deze cursus heeft doorlopen:

- kan aangeven wat het betekent om een goede leraar te zijn
- kan de eigen geschiktheid voor het beroep van leraar beoordelen
- oriënteert zich op een beroep in het (VO) onderwijs
- kan reflecteren op zijn of haar functioneren op een school
- is in staat om Persoonlijke assistent leraar (PAL)-werk uit te voeren

Inhoud vak

Tijdens werkcolleges komen zoal de volgende onderwerpen aan de orde:

- De verschillende rollen van een docent
- Een (actieve) les leren ontwerpen en geven
- Hoe vertaal je (wetenschappelijke) informatie naar het niveau

van je doelgroep

- Het voeren van een (inhoudelijke) begeleidingsgesprek met een leerling
- Een les leren uitvoeren: bijvoorbeeld effectief communiceren met een klas, het inzetten van lichaamstaal en het belang van een positieve relatie
- De kenmerken en behoeftes van de doelgroep
- Het zijn van een rolmodel en de rol die een docent speelt bij de opvoeding van een leerling
- Leren van de praktijk: bijvoorbeeld observatieleren, leren door reflectie en zelfstandig leren

Tijdens een stage onderneem je zoal de volgende activiteiten:

- Observeren van lessen
- Het geven van een (aantal) les(sen)
- Zo veel mogelijk deelnemen aan alle activiteiten op school en zo (hernieuwd) kennis maken met het voortgezet onderwijs vanuit het perspectief van de docent

Onderwijsvorm

De cursus bestaat uit twee gedeeltes; werkcollege's op de VU en een stage of PAL-werk. De stage of het PAL-werk vindt plaats op een middelbare school, meestal in (de omgeving van) Amsterdam.

Toetsvorm

Beoordeling vindt plaats op grond van een verslag van de activiteiten op de school en de participatie in de colleges. Je hoeft niet te bewijzen dat je al een goede docent of begeleider bent, wel dat je goed hebt nagedacht over (jouw rol tijdens) je stage of PAL-werk en welke betekenis dat heeft voor de toekomst

Intekenprocedure

Deze cursus is alleen beschikbaar voor studenten die zich hebben aangemeld voor het PAL traject via IT's academy of Pre-university-college.

Deze studenten zullen door de administratie voor het vak worden ingetekend.

Philosophy and Neuroethics

Vakcode	W_BA_PNEU ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. G. Meynen
Examinator	dr. G. Meynen
Docent(en)	dr. G. Meynen
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Inhoud vak

In this course students are introduced to the most important schools of thought and key concepts in philosophical and ethical debates on the impact of neurotechnologies on society, more specifically, on healthcare

and criminal law. Topics include: the problem of mind and brain, history and philosophy of neuroscience, and assessments of criminal responsibility in light of neuroscientific developments.

Onderwijsvorm

(Interactive) lectures

Toetsvorm

Written exam

Literatuur

See the course manual

Overige informatie

This course is part of the Universiteitsminor Technology, Law and Ethics

Philosophy of Mind II

Vakcode	W_BA_PHMII ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	prof. dr. L.B. Decock
Examinator	prof. dr. L.B. Decock
Docent(en)	prof. dr. L.B. Decock
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

De student:

- krijgt inzicht in de evolutie van het menselijke denken
- oefent vaardigheden zoals het presenteren van een opdracht en het leiden van de discussie daarover

Inhoud vak

Het doel van dit vak is om een centraal thema in de philosophy of mind aan de orde te stellen. We bestuderen Dennetts nieuwste boek over de evolutie van het menselijke denken.

Onderwijsvorm

Hoor- en werkcollege

Toetsvorm

Presentatie (20%), schriftelijk tentamen (80%).

Literatuur

Daniel Dennett, From Bacteria to Bach and Back, Norton, 2017.

Geselecteerde aanvullende teksten

Aanbevolen voorkennis

Afronding van het eerste Bachelor jaar van de opleiding wijsbegeerte. Studenten uit andere studierichtingen moeten blij kunnen geven van enige filosofische voorkennis, b.v. door het hebben gevolgd van een college wijsgerige vorming.

Doelgroep

Bachelor studenten wijsbegeerte, bijvak studenten

Overige informatie

Voor meer informatie, zie t.z.t. de studiehandleiding van dit vak.

Probability Theory

Vakcode	E_EOR1_PT ()
Periode	Periode 1+2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. D.A. van der Laan
Examinator	dr. D.A. van der Laan
Docent(en)	prof. dr. B.F. Heidergott, dr. D.A. van der Laan
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	100

Doel vak

Het beheersen en kunnen toepassen van de elementaire begrippen uit de kansrekening en meest gebruikte kansverdelingen in praktische problemen.

Inhoud vak

Het wiskundige fundament voor zowel het modelleren van beslissen onder onzekerheid als het uitvoeren van statistiek is de kansrekening en de kansrekening heeft daarom een centrale rol in de bachelor Econometrie en Operations Research.

De opbouw van deze cursus is als volgt.

- Basiselementen van de waarschijnlijkheidsrekening (toevalsexperiment, uitkomstenruimte, eventualiteit en kansmaat) en fundamentele rekenregels voor kansen op eventualiteiten. Combinatorische kansmodellen, voorwaardelijke kansen, de regel van Bayes, en de wet van de totale waarschijnlijkheid.
- Introductie van het concept van een stochastische variabele, en begrippen zoals verdelingsfunctie, kansmassafunctie, verwachting en variantie van een stochastische variabele.
- Specifieke discrete kansverdelingen, zoals bijvoorbeeld de binomiale, hypergeometrische, Poisson, en geometrische verdeling.
- Continue stochastische variabelen en bijbehorende kansverdelingen. Specifieke continue kansverdelingen zoals de uniforme, normale, exponentiele en gamma verdeling. Relaties tussen deze continue kansverdelingen en de al eerder ingevoerde discrete kansverdelingen worden besproken.
- Indien er voldoende tijd is worden aan het eind van de cursus de begrippen bivariate en multivariate kansverdeling uitgelegd inclusief daarmee samenhangende begrippen zoals gezamenlijke en marginale verdelingsfuncties, conditionele kansverdeling en onafhankelijkheid van stochastische variabelen.

Onderwijsvorm

Hoorcollege 2x2u per week, practicum 1x2u per week.

Toetsvorm

Tussententamen -individuele beoordeling
Tentamen - individuele beoordeling
Individuele opdracht - individuele beoordeling

Literatuur

Auteur: Saeed Ghahramani; Titel: Fundamentals of Probability (with stochastic processes); Uitgave: Third Edition; Jaar van uitgave: 2016; Uitgever: CRC Press, Taylor&Francis Group; ISBN: 9781498755016.

Aanbevolen voorkennis

Actieve beheersing van de VWO wiskunde.

Overige informatie

Tijdens deze cursus wordt beroep gedaan op kennis die tijdens de gelijktijdige cursus Analysis I wordt opgedaan.

Procurement and Supply Management

Vakcode	E_IBK3_PSM ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. R. Roberti
Examinator	dr. R. Roberti
Docent(en)	dr. R. Roberti
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

All organisations need inputs of goods and services from external suppliers or services providers. In this course we examine the developing role of the purchasing and supply function in managing and shipping inputs and outputs of companies, and address the ways in which the activity can contribute to the efficiency and effectiveness of an organisation.

Purchasing is seen by many of today's successful organisations as an activity of considerable strategic importance. The fact that the strategic role and contribution of purchasing and supply is well recognised in many leading commercial concerns and public institutions has meant that the strategic purchasing decisions may be taken by purchasing involvement at board level, rather than by a departmental manager. The ramifications of purchasing decisions on the operational processes may also be significant. Quantity discounts or optimal choice of transport may for example lead to gains in direct procurement expenses, but they may increase other cost in the supply chain (such as inventory). Such costs need to be traded off.

Students learn how to classify, describe and analyse key procurement and supply decisions (learning objective "academic skills") in order to understand the role of procurement and supply management in organisations (learning objective "knowledge"). Students learn how to understand, analyse and quantify trade-offs in procurement and supply decisions and to identify effects of procurement and supply decisions on

supply chain performance (learning objective “quantitative skills”). Students apply results from academic research in practical case settings (learning objective “bridging theory and practice”) and critically reflect on the research (learning objective “research skills”). Students present their case findings (learning objective “social skills”).

Inhoud vak

In this course we aim to discuss the management of purchasing, transport and supply activities. More specifically we aim at lecturing the following topics:

- sourcing strategies
- outsourcing and supply risk management
- public sector procurement
- transport procurement
- managing inventory
- contracting
- the structure of freight transport cost
- freight transport demand
- value of time and reliability; modal choice and route choice
- urban transport systems: congestion and reliability
- environmental effects of transport and corporate responsibility
- transport policy at local, national and EU levels

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Group assessment

Literatuur

Literature: to be announced

Aanbevolen voorkennis

For BK

1.1 Business Processes; 1.1 Business Mathematics; 1.4 Supply Chain Management I; 2.4 Supply Chain Management II; 3.4 Managing and improving quality

For IBA:

1.1 Business Mathematics; 1.4 Global Supply Chain Management; 1.6 Business Processes; 2.5 SCM in Emerging Economies; 3.4 Managing and improving quality

Programming for Economists

Vakcode	X_400644 ()
Periode	Periode 6
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Exacte Wetenschappen
Coördinator	ir. M.P.H. Huntjens
Examinator	ir. M.P.H. Huntjens
Lesmethode(n)	Hoorcollege
Niveau	100

Doel vak

In dit vak leer je:

- algoritmisch denken;

- gestructureerd programmeren

en verwerf je inzicht in de manier waarop computers gebruikt kunnen worden om problemen op te lossen.

Hierdoor verkrijg je de basiskennis programmeren

- die nodig is om bij de diverse vervolgvakken in de opleiding

Economie en Bedrijfseconomie effectief

gebruik te kunnen maken van programmeren;

- om je de verschillende programmeeromgevingen/talen, die later in de opleiding gebruikt zullen worden,

snel eigen te maken;

- om later, bij zelfstandig onderzoek, antwoorden op specifieke onderzoeksvragen te kunnen vinden met behulp van programmeren.

Inhoud vak

types, expressies, toekeningsopdracht, keuze-opdrachten,

herhalingsopdrachten, standaardfuncties, zelf functies maken, I/O,

lists, strings, ontwerp maken en gebruik van grafische interfaces uit

een voorgeprogrammeerd package

Onderwijsvorm

Hoorcollege met een parallel practicum.

In het practicum zijn een aantal opgaven opgenomen over onderwerpen die in de vakken van periode 1 t/m 5 van het eerste jaar behandeld zijn en waar nu computerprogramma's voor geschreven dienen te worden.

contacturen:

1e week: 8 uur college + 6 uur practicum

2e week: 6 uur college + 12 uur practicum

3e week: 6 uur college + 12 uur practicum

4e week: 12 uur practicum

Toetsvorm

opdrachten tijdens practicum

Literatuur

Er wordt gebruik gemaakt van een online boek (How to Think Like a Computer Scientist, Learning with Python, 2nd Edition, by Jeffrey

Elkner, Allen B. Downey, and Chris Meyers) te vinden op de URL:

<http://openbookproject.net/thinkcs/python/english2e/index.html>

Vereiste voorkennis

geen

Aanbevolen voorkennis

geen

Doelgroep

1ECO

Programming for Humanities and Social Sciences

Vakcode	L_AABAALG069 ()
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Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. H.D. van der Vliet
Examinator	dr. H.D. van der Vliet
Docent(en)	dr. H.D. van der Vliet, M.C. Postma MA, F. Ilievski, C.M. van Son
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

Goals of this course:

Get to know the basics of the Python programming language
 Become an independent programmer, who is able to find solutions to new problems

Skills you will acquire during this course:

Learn how to deal with unstructured and structured data
 Learn how to extract relevant statistics from large amounts of data
 Learn how to share your code and results

Inhoud vak

As many humanities researchers use textual resources as their primary object of inquiry, you learn how to analyze the growing amount of digital text using the Python programming language. No programming knowledge is required; we believe that anyone can learn how to program.

You will learn how to extract information from text corpora; deal with different file types (plain text, CSV, JSON); deal with large amounts of data; and visualize and share your results. We will focus on readability and understandability of your code, so that you will be able to share it with others, and reuse your code in the future.

This is a practical course, in which you will get a lot of hands-on experience. Due to the nature of this course, active participation is required.

Onderwijsvorm

Interactive practical sessions.

Although parts of the lectures will be about programming and language processing theory, the focus is on having interactive and practical sessions. Students are expected to actively participate and ask questions.

Toetsvorm

Bi-weekly assignments (60%): The assignments are designed to practice your programming and problem solving skills. Moreover, they allow us to keep track of your progress, and identify topics that require more attention in class.

Midterm exam (40%): The midterm exam is designed to test your knowledge of Python. To pass this course, you need a passing grade (at least 5.5) on the midterm.

Literatuur

To be announced on Canvas. All materials are freely available online. The course materials for 2016/2017 can be found here: <https://github.com/ctl/python-for-text-analysis>

Vereiste voorkennis

none

Doelgroep

Students of the minor Digital Humanities and Social Analytics. Open to all other Bachelor students.

Overige informatie

This course is part of the minor Digital Humanities and Social Analytics and open for all interested students. Students are required to attend at least 80% of the classes. Students who fail to do so without a valid reason will be excluded from the course.

Psychophysiological and Cogn. Appl.

Vakcode	P_BPCAPP ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	prof. dr. J.C.N. de Geus
Examinator	prof. dr. J.C.N. de Geus
Docent(en)	prof. dr. J.C.N. de Geus, dr. D.J. Heslenfeld, dr. ing. E. van der Burg
Lesmethode(n)	Hoorcollege, Practicum
Niveau	300

Doel vak

- Insight in the link between affective state and autonomic nervous system activity.
- Insight in the link between cognitive state and eye-movement, psychophysics and reaction time metrics.
- Knowledge of typical experimental approaches and research designs in psychophysiology and cognitive psychology.
- Practical skills in the laboratory measurement of autonomic nervous system activity, eye-movement, psychophysics and reaction time as windows into affective and cognitive processing in the brain

Inhoud vak

In plenary lectures we will outline how affective and cognitive processing is reflected in observable behavioral and physiological signals. The lectures are interspersed with a series of practicals, where the students learn how to record the ElectroCardioGram (ECG), Skin-conductance Level (SCL), eye movements, psychophysics and reaction times in experimental designs aimed at isolating specific affective and cognitive processes. This will be done in a standardized laboratory setting using the Biopac system for ECG/SCL and the EyeLink system to measure the different aspects of eye movements. Amongst others, students will measure (on each other): skin-conductance responses to tonic and phasic emotional stimuli; eye-movements and reaction times when performing a xx task. Furthermore, tactile sensitivity will be measured

by using a psychophysical approach. The main principles, strategies and limitations for data analysis will be covered in the lectures and then applied in the practicals to the self-recorded data-sets.

Onderwijsvorm

Lectures and practicals.

Toetsvorm

Written examination (50% of grade) of literature and execution of a short data collection experiment (25%) and the signal analysis on the data collected (25%).

Literatuur

- 1) Psychophysiology Reader with selected articles
 - a) paper on SCL recording
 - b) paper on HR recording
 - c) paper illustrating the use of HR/SCL in practice (likely Critchley or Damasio)
 - 2) Cognitive Psychology Reader with selected articles
 - d) paper on psychophysics
 - e) paper on Eye movement recording (Van der Stighele, Meeter and Theeuwes, 2006)
 - f) paper illustrating the use of Eye-movement recording or psychophysics in research
 - 3) Powerpoints of the lectures
- More details on BlackBoard

Vereiste voorkennis

Finished 2nd year of the Bachelor Psychology, Education sciences or Movement Sciences

Overige informatie

Course registration must be completed before November 1, as sufficient assistance and rooms for practicals need to be organized up front.

The course is taught in English

As of 2018-19 this course is no longer part of the University minor. Students who still need to complete this course for the UM can contact the course coordinator.

Public Economics

Vakcode	E_EBE2_PE ()
Periode	Periode 4
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. S. Hochguertel
Examinator	dr. S. Hochguertel
Docent(en)	dr. S. Hochguertel
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

Public economics (public finance) is concerned with the role of the public sector (and in particular the government) in a market economy. Every one of us is confronted with government activity in daily life: financing studies through a student loan, paying income or consumption taxes, receiving social support, or buying health insurance contracts on a liberalized or regulated market—public economics has to do with every facet of societal life

The objective of this course is to identify, justify, analyze and evaluate policy options. Using problem sets and exercises, along with work on economic data will increase and deepen understanding.

Upon completion of the course, the student will:

- know what the empirical importance and theoretical role is of the public sector in the economy;
- understand why there is a main trade-off between efficiency and equity in policy making and grasp the concept of the second-best;
- know the theoretical underpinnings for allocative market failures associated with externalities, public goods, and asymmetric information in pension and (health) insurance markets;
- be familiar with theoretical microeconomic analyses of taxation and their implications for the measurement of welfare;
- be familiar with concepts and measurements of inequality in incomes and wealth and their relation to social welfare concepts;
- understand limitations to public finance policy prescriptions stemming from strategic choices of citizens (e.g., to lobby policymakers or evade taxes), and from strategic choices of jurisdictions competing for tax revenue or facing spill-over effects
- apprehend the government's role as choice architect when citizens' decisions are affected by behavioral biases and informational inattention.

Inhoud vak

We introduce the positive and normative roles of government in a democratic market economy. The public sector faces a central trade-off between the dual goals of efficient allocation and equitable distribution of resources. The course shows that government policy is at most second-best. We also reflect on the behavioral public finance aspects that point to limitations and challenges to economic policy making when citizens are boundedly rational and may not react as desired to public interventions.

Classic rationales for government intervention include economic activity in the presence of externalities (e.g. health and education) and public goods (e.g., national security, or institutions protecting the rule of law), as well as those related to social insurance and the welfare state where distributional goals are being pursued as well. Problems triggered by asymmetric information constitute another central aspect of modern public finance, and will receive due attention.

Policy areas in which the government is involved are often highly complex, affect many different people often differentially, and have to trade off many diverging interests. Large amounts of money are involved that need to be rationally raised, carefully budgeted, and wisely spent, calling for an intelligent institutional design. We discuss how taxes can both cause and combat welfare losses, and we touch on issues of

optimal taxation. We introduce concepts that measure the extent of inequality and poverty, and discuss ways to redistribute incomes from rich to poor under adverse incentive effects on economic behavior. Taxes, as we emphasize, may be avoided, evaded, or ignored.

We also include aspects of public choice and political economy when discussing lobbying and rent-seeking, or institutional structures that reflect the geographical distribution of preferences and needs (fiscal federalism) and strategic choices of jurisdictions competing for revenue (tax competition).

We embed underlying economic theory in the context of empirical research on policy evaluation and measurement that has given new impetus to public economic thinking. New approaches harness the power of big administrative data sets, but also recognize the limitations of the traditional neoclassical approach to economics in the face of behavioral tendencies.

During the course both theoretical and empirical economic work in policy context is discussed.

Onderwijsvorm

Lectures.
Tutorials.

Toetsvorm

25% tutorial assignments and problem sets - group assessment; 75 % written exam - individual assessment, Stipulations apply (see course manual).

Literatuur

The main text is Harvey S. Rosen and Ted Gayer (2014), Public Finance, 10th edition. New York: McGraw Hill. (ISBN: 0078021685). Additional reading (book chapters and articles) will be announced on canvas.

Vereiste voorkennis

Microeconomics I, Quantitative Research Methods I.

Aanbevolen voorkennis

Macroeconomics I and II. Students benefit strongly from participating in the parallel course Microeconomics II.

Doelgroep

program participants BSc EBE (economics track)

Overige informatie

The course has important intersections with an array of economics courses in, for instance, microeconomics, development economics, regional economics, Industrial organization.

Quantitative Research Methods III - Economics and Finance

Vakcode	E_EBE3_QRMEF ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics

Coördinator	dr. A. Opschoor
Examinator	dr. A. Opschoor
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Het doel van het vak is om studenten begrip bij te brengen over het uitvoeren van empirisch onderzoek en in het bijzonder over het gebruik van lineaire regressiemodellen en modellen waarbij de uitkomstvariabele binair is (Probit en Logit modellen).

Hierbij gaat het erom dat studenten leren om data zorgvuldig te gebruiken en een afgewogen keuze te maken voor een empirisch model. Vervolgens leren studenten om de schattingsresultaten van dit model op een correcte manier te interpreteren.

Na het succesvol afronden van het vak:

- kun je data zorgvuldig gebruiken en een afgewogen keuze maken voor een empirisch model. (Academische vaardigheden).
- kun je univariate en multivariate lineaire regressiemodellen, Probit en Logit modellen uitvoeren en de uitkomsten interpreteren met behulp van Stata. (Academische vaardigheden).
- kun je situaties omschrijven, herkennen en aanpakken wanneer de aannames van het regressiemodel niet gelden: weggelaten variabelen; multicollineariteit, heteroskedasticiteit en endogeniteit. (Academische vaardigheden).
- Kun je zelfstandig een onderzoek opzetten; heb je gedegen kennis van statistische technieken. (Vakkennis)

Inhoud vak

Studenten maken allereerst kennis met verschillende databronnen en leren data samen te vatten in een aantal beschrijvende statistieken.

Vervolgens leren zij hoe univariate en multivariate lineaire regressiemodellen uitgevoerd dienen te worden.

Hierbij wordt voornamelijk aandacht besteed aan situaties wanneer de klassieke veronderstellingen van het lineaire regressiemodel niet gelden: problemen als multicollineariteit, bias door weggelaten variabelen, heteroskedasticiteit en endogeniteit worden uitvoerig behandeld. Daarnaast leer je te werken met Probit en Logit modellen (voor het geval dat de uitkomstvariabele binair is). Studenten brengen de genoemde technieken in praktijk met behulp van STATA.

Onderwijsvorm

Hoorcolleges.
Instructiecolleges
Computerlabs.

Toetsvorm

Empirische opdrachten - groepsbeoordeling.
Tentamen - individuele beoordeling.

Literatuur

Dougherty, C. (2016), Introduction to Econometrics, fifth edition, Oxford

Aanbevolen voorkennis

Doelgroep

Dit vak is bedoeld voor de derdejaars studenten Economie en Bedrijfseconomie in de tracks Economics en Finance.

Real Estate Economics and Finance Research Project

Vakcode	E_EBE3_REEFR ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. J. Rouwendal
Examinator	prof. dr. J. Rouwendal
Docent(en)	prof. dr. J. Rouwendal, dr. V.A.C. van den Berg
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

This project offers you the opportunity to apply the knowledge and skills obtained in the earlier courses of the minor Real Estate Economics and Finance on a topic that you find interesting and important. This will make the material come even further alive. The project also helps you to further develop your research skills (making a good research question, choosing your method, literature review, analysis, and drawing conclusions), which are important skills for your future job, for an internship and for your bachelor thesis.

Inhoud vak

In this course you will identify a relevant research topic in real estate economics and finance, write a paper about it and present your results. The research topic must be in the field of real estate economics and finance, broadly defined so as to include urban economics, spatial planning and behavioural economics aspects of real estate markets. The topic can be in any type of real estate including that used for commercial and non-profit purposes, land and infrastructure. The choice of the topic can be based on current new items, large societal problems, a specific interest of yourself, et cetera. The earlier courses in the minor may also provide inspiration. Further to help you a list with potentially interesting topics will be provided. After having received approval of the chosen topic, you have to formulate the main research question and formulate a research strategy to find the answer. This can be a review of existing literature, but doing some research yourself is encouraged. This may involve the use of techniques like regression analysis, questionnaires, and interviews.

Onderwijsvorm

An introductory meeting will be organized by the end of November. In December you have to register as a group or as a single student. The maximum group size is three students. Those registering as single students on related topics will be asked to make a group. By the end of the month students should have received approval for their chosen topic.

You will be appointed a supervisor who will advise you. There will be

three tutorials, where groups present their progress and provide constructive feedback on each other. In the first week of January, groups present their research proposal. In the third week they report on the progress made. In the final week of the course results will be presented. For each meeting, each group will also give feedback on one other group's work to help them improve their work. This will result in a 'referee report' for another group that will be graded.

Toetsvorm

Paper (75%), final presentation (20%) and referee report (5%). All grades are group grades.

Literatuur

Course manual, lecture sheets, literature on your topic to be independently found.

Vereiste voorkennis

Participation in the other courses within the track.

Aanbevolen voorkennis

Understanding of (Quantitative) Research Methods (e.g. from Quantitative Research Methods I and II or Statistiek en data-analyse) and of Academic Skills.

Real Estate Finance and Urban Development

Vakcode	E_EBE3_REFUD ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. J. Rouwendal
Lesmethode(n)	Hoorcollege, Werkgroep, Excursie
Niveau	300

Doel vak

The purpose of the course is to introduce you to the functioning of real estate markets: developing, financing and investing in real estate, and its implications for urban development. In the lectures attention will be paid to investing in real estate, developments in various real estate markets and what is involved in the development of real estate and doing market research. The practices of investing in and valuing of real estate will be discussed. Relevant policies with respect to residential and other property markets and questions of integrity will be taken into account by studying real world cases. Excursions to projects in development and real estate agents will be organized.

Inhoud vak

The questions discussed during the lectures include:

- why invest in real estate?
- what is the use of investing in listed real estate (via REITS)?
- what are relevant developments on residential and commercial property markets?
- what is the impact of government policy and regulation on these markets?

- what about housing associations?
- how does market research and investment analysis for real estate projects work?
- how to value real estate?

After taking this course students possess knowledge of:

- real estate economics and the functioning of real estate markets;
- the basic elements of the valuation of real estate;
- current developments on residential and commercial real estate markets;
- (re) development of real estate and urban development;
- concepts of value and methods that apply them;
- management and marketing of real estate.

Onderwijsvorm

Lectures, tutorials, workshops, case studies, presentations by the students themselves, excursions.

Toetsvorm

Written exam (75%) and paper (25%).

Literatuur

To be announced.

Aanbevolen voorkennis

Some knowledge of macroeconomics, financial markets, financial products (equity, bonds, mortgages, etc), annuities and excel.

Doelgroep

Students who are interested in the exciting and complex multi-disciplinary world of (international) real estate.

Real Estate Investment

Vakcode	E_EBE3_REI ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. F. Hamelink
Examinator	dr. F. Hamelink
Docent(en)	prof. dr. J. Rouwendal, dr. F. Hamelink
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

The course introduces you to the functioning of real estate markets and the investment alternatives available to both debt and equity investors. All types of real estate (industrial, commercial, residential) will be discussed. Valuation, properties of lease contracts, and mortgage loans will be studied. The properties of REITS and other real estate investment vehicles will be studied. For some aspects special attention is given to the Dutch situation, but the course takes an international perspective.

Inhoud vak

A large part of the national capital stock consists of real estate. Most of it is located in cities and within cities there is a concentration in the center. The course introduces you to important aspects of real estate finance. After a general introduction that emphasizes the important role of real estate in the (urban) economy, the basics of real estate valuation (yield, DCFM) will be discussed. The various types of mortgage loans and their use will be discussed in detail. We will study residential property markets (including the specifics of the Dutch housing market and related policy issues) as well as commercial markets (offices, shops, industrial real estate). Attention will be paid to structuring real estate investments (organizational forms and joint ventures), to the secondary mortgage markets and to real estate investment trusts (REITs).

Onderwijsvorm

Lectures, tutorials

Toetsvorm

Written exam (75%), assignments (25%).

Literatuur

William B. Brueggeman and Jeffrey D. Fisher 'Real Estate Finance and Investments' McGraw-Hill, 760 blz.

Religions and Gender

Vakcode	G_RELGEN ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Godgeleerdheid
Coördinator	dr. L. Minnema
Examinator	dr. L. Minnema
Docent(en)	dr. L. Minnema
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

Learning objectives

- The student is able to describe analytically how certain aspects of gender have been or become an issue in religions
- The student is able to articulate major parallels and differences between a number of religious traditions in their approaches to gender issues in the past and present
- The student is able to switch from the religious insider view to the academic outsider view and back again

Inhoud vak

Course content

This course introduces students to a broad spectrum of religions in the past and present dealing with aspects of gender. Gender issues related to male and female models in religious narratives, historical shifts in the religious status of women, mother goddesses and female power,

religious views of homosexuality, notions of masculinity and power in religious politics, will be addressed across cultures and religions. The variety of religious traditions under consideration illustrates religious diversity. But there is more to it. Careful comparisons enable students to discover underlying patterns of similarity.

Six sessions will focus on the following six themes:

1. Male and female role models and stereotypes in ancient narratives: mythological and legendary couples and gender differences in the Babylonian Gilgamesh epic, the Greek Odyssey epic, the Hindu Mahabharata and Ramayana epics
2. The changing religious status of women during three crucial shifts in the world history of religions: the Neolithic, Axial Age, and Modernization breakthroughs
3. Cross-cultural comparison of mother goddesses and female power: the Shinto goddess Amaterasu in Japan, the Hindu goddess Durga in India, the Greek goddess Demeter in Minor Asia
4. The image of Mary in Christianity and Islam: virgin, Madonna, mother, heroine, virtue, saint, queen
5. Religious politics and symbols of masculinity and power in contemporary Hinduism
6. Religious rules and attitudes regarding homosexuality in Buddhism and in Islam

Onderwijsvorm

lectures

Toetsvorm

Assessment - written exam

Literatuur

articles and book chapters (see Canvas)

Vereiste voorkennis

Prerequisites - none

Research Assistantship Honours Course

Vakcode	E_HP2_RASS (986135)
Periode	Ac. Jaar (september)
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. H.E.D. Houba
Examinator	dr. H.E.D. Houba

Doel vak

The primary purpose of the Research Assistantship (RA) is to gain first-hand research experience and enhance students' research skills. It entails a tutored research project at one of the research groups at SBE, which may be part of a larger research project/program of the group in which the student participates or may be set up as a separate project specifically for the RA-ship.

Inhoud vak

SBE HP students in their 3rd bachelor year can choose to substitute one of their elective courses for a high-quality RA. It entails a

tutored research project at one of the research groups at SBE, which may be part of a larger research project/program of the group in which the student participates or may be set up as a separate project specifically for the RA-ship. Two general formats can be chosen to set up the RA-ship:

- (1) as an independent component of the honours program (6 credits),
- (2) a study combined with the BSc thesis, which allows to develop a research project of larger scale and/or scope (12 + 6 credits).

Option 2 seems the ideal way to combine the regular BSc thesis work with a more in-depth empirical study than is usually the case for the thesis. The RA allows students to build on their skills developed during the programme and, if combined with the BSc thesis, to extend this into a more complete research experience. Research in this description should be considered in a broad sense, and can involve different stages of research and different research methods. Although typically the RA will include an empirical research component, it may also involve extended literature research. Naturally, this should be reflected in the project design and criteria used for evaluation of the process and output.

Key for the evaluation of the RA is the provision of an independent piece of research output in the form of a research paper. The quality of the paper should be such that it can be graded and preferably be submitted to an academic conference or perhaps even to an academic journal. This paper can be complemented with other relevant project output as part of the evaluation such as databases, measurement instruments and reference list. These elements may also be part of the evaluation and grading of the project. The form of the RA that is chosen is an important determinant of the expected output and a major factor in the evaluation process. In case of option 1 described above, expectations about output of the project need to be in line with the credits (6 EC) that are available for the RA-ship. When option 2 is chosen, the output of the RA can be integrated into the BSc thesis, which results in a significant increase in expected output. Note that the scope of the RA-ship, expected output and evaluation should be proportional with the weights of the two components in the programme (i.e. 6 + 12 EC). Evaluation of the RA is context dependent, since this depends on the nature of the research and the tasks conducted by the RA. General guidelines for evaluation and grading can, however, be provided and include the following aspects:

- Quality, originality and relevance of the research question (or of extensions/refinement of existing questions developed by the student)
- Theory development
- Extent and quality of data collection and analysis
- Description of findings and results
- Development and discussion of inferences and conclusions
- Independence (e.g. in formulating/developing/extending research questions, theory development, data collection and analysis and drawing of inferences)
- Overall quality of the research report (quality of writing, appearance etc.)

Not all elements may be equally important for each RA-ship, and weights should be determined in accordance with the nature of the project. When the RA is combined with the bachelor thesis, supervisors are recommended to take these criteria in conjunction with the evaluation checklist for the thesis. In this case, the thesis and RA can be evaluated and graded as if they are one study component, even though this grade will be registered separately for the two components.

The possibility to engage in an RA and to gain hands-on experience in conducting research is dependent on the availability of qualified researchers and projects within the different research groups. Interested honours students are advised to actively explore possibilities through their contacts with School members in the BSc and honours programme, and with their mentor in the honours programme. Research projects will usually be formulated close to ongoing research projects at the department or research group, and depending on students' interests, they can apply at the appropriate research group and supervisor. Research-assistantships can start any time during the academic year, although students are recommended to engage in an RA after, and not before having completed their advanced methods course in the bachelor program. Entry level requirement may also be set for specific projects, which require certain quantitative or qualitative research skills. Typically, the second half of the last year in the honours programme may fit best when combining this with the BSc thesis. Students engaging in an RA are required to notify the programme coordinator up-front, and send a project proposal for approval to honoursprogramma.feweb@vu.nl.

This proposal, developed jointly with the prospective supervisor, should include:

1. Research problem
2. Research question(s)
3. Research design
4. Relevance
5. Structure of the research paper
6. Planning

Onderwijsvorm

Conducting an independent research project under individual supervision.

Toetsvorm

Grading of the research paper and/or other research output by the supervisor.

Literatuur

To be decided by the supervisor.

Intekenprocedure

Students who want to pursue a Research Assistentship are required to notify the programme coordinator up-front, and send a project proposal for approval to honoursprogramma.feweb@vu.nl.

Research Paper Migration Studies

Vakcode	L_GWBAALG003 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. N.F.F. Karrouche
Examinator	dr. N.F.F. Karrouche
Docent(en)	dr. N.F.F. Karrouche
Lesmethode(n)	Werkcollege

Niveau	300
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Doel vak

(1) Students are able to produce a well structured and well written paper on a self-chosen topic in correct English. The paper will deal with the topic of migration and will be based on secondary scientific literature, an anthropological fieldwork, a historical study or law study, with correct references and citations. (2) Students are able to communicate and discuss their preliminary results in a presentation.

Inhoud vak

This course aims at training and improving students' academic research and writing skills in the field of migration studies and will result in an academic paper of 6000 - 7500 words (footnotes, bibliography and appendices not included). This course will guide students through the various stages of writing a larger academic paper, such as: selecting relevant literature and sources; phrasing a research question; planning, drafting and revising the manuscript and using references. Attention will also be paid to research ethics and scholarly integrity. Students work under the supervision of a migration scholar in the Humanities, Social Sciences or Law faculty. The seminars will outline and introduce main issues of academic writing and will support the research and writing process. The final result of this course is a well-structured research paper which answers a self-selected research question by means of a critical analysis of an anthropological fieldwork, historical study, law study and secondary literature.

Onderwijsvorm

Seminars, independent study.

Toetsvorm

Research paper, presentation.

Vereiste voorkennis

Students have completed the course 'Introduction to Migration Studies'.

Doelgroep

Students enrolled in the Migration Studies minor.

Overige informatie

This course is part of the minor 'Migration Studies'.

Research Participation I

Vakcode	E_BK1_RPR1 ()
Periode	Periode 1+2+3
Credits	0.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. J. Eelen
Examinator	dr. J. Eelen

Doel vak

Door deel te nemen aan onderzoek worden studenten betrokken bij de organisatie en uitvoering van onderzoek aan onze School. Die ervaring

draagt bij tot het ontwikkelen van academische en onderzoeksvaardigheden. Het onderwijs koppelt de onderzoekservaring ook aan theorieën en onderzoeksmethoden.

Inhoud vak

In het eerste en tweede jaar van het bachelorprogramma nemen studenten deel aan verschillende typen onderzoek (bv. experimenten, surveys, interviews) van de SBE departementen.

Onderwijsvorm

Deelname aan onderzoekssessies

Toetsvorm

Studenten tonen hun leerervaring aan door 20 onderzoekscredits te verzamelen (min. 2.5 and max. 7 uur actieve onderzoeksdeelname). Voor de eerstejaarsstudenten is onderzoeksdeelname onderdeel van het vak Academic Skills 1.3. Eerstejaarsstudenten kunnen deelnemen aan onderzoekssessies in periode 1, 2 en 3. Opgelet, de punten voor het vak Academic Skills worden pas toegekend wanneer studenten de vereiste 20 onderzoekscredits hebben behaald.

Literatuur

Niet van toepassing

Vereiste voorkennis

Niet van toepassing

Overige informatie

Let op: dit vak is verplicht en loopt over periode 1, 2 en 3.

Research Participation II

Vakcode	E_BK2_RPR2 ()
Periode	Periode 2+3+4+5
Credits	0.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. J. Eelen
Examinator	dr. J. Eelen

Doel vak

Door deel te nemen aan onderzoek worden studenten betrokken bij de organisatie en uitvoering van onderzoek aan onze School. Die ervaring draagt bij tot het ontwikkelen van academische en onderzoeksvaardigheden. Het onderwijs koppelt de onderzoekservaring ook aan theorieën en onderzoeksmethoden.

Inhoud vak

In het eerste en tweede jaar van het bachelorprogramma nemen studenten deel aan verschillende typen onderzoek (bv. experimenten, surveys, interviews) van de SBE departementen.

Onderwijsvorm

Deelname aan onderzoekssessies

Toetsvorm

Tweedejaarsstudenten tonen hun leerervaring aan door deel te nemen aan drie verplichte onderzoekssessies die georganiseerd worden voor het einde van periode 5. Opgelet, de punten voor het vak Research Project worden pas toegekend wanneer studenten aan deze drie sessies hebben deelgenomen. Alle sessies vinden plaats vóór de start van het vak Research Project.

Literatuur

Niet van toepassing

Vereiste voorkennis

Niet van toepassing

Research Project

Vakcode	E_BK2_RP ()
Periode	Periode 6
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. M.D. Bahlmann
Examinator	dr. M.D. Bahlmann
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	200

Doel vak

Academische vaardigheden: Op basis van je analyse van een bedrijfsprobleem, abstraheer je je bevindingen naar het niveau van de theorie. Op basis van toepassing van deze kennis ga je de haalbaarheid, randvoorwaarden en neveneffecten van je oplossingsrichting nader analyseren. Tenslotte leer je een overtuigende argumentatie te ontwikkelen en over te brengen in je rapportage over dit onderzoeksproject.

Onderzoeksvaardigheden: Je leert een praktisch bedrijfsprobleem te vertalen in academisch relevante onderzoeksvragen. Daarnaast voer je de gehele onderzoekscyclus in de praktijk uit, waarbij je de eerder opgedane onderzoeksvaardigheden toepast. Tenslotte leer je de uitkomsten van je onderzoek te vertalen naar praktisch relevante uitkomsten, en kritisch te reflecteren op de kwaliteit van je onderzoek.

Kwantitatieve vaardigheden: Je leert kwantitatieve data te verzamelen en te analyseren, en de resultaten van deze analyse te combineren met kwalitatieve data om een specifiek bedrijfsprobleem op te lossen.

Link met de praktijk: Je leert theoretische kennis in een specifieke praktijksituatie toe te passen, en ervaart de praktijk van het werkveld tijdens je analyse en oplossing van een bedrijfsprobleem.

Sociale vaardigheden: Je leert om samen te werken in teams; om je werk te presenteren en daarover te discussiëren, en om feedback te geven op het werk van anderen.

Specifieke leerdoelen:

- Het begrijpen en kunnen combineren van inductief en deductief redeneren.
 - Het toepassen van kwalitatieve en kwantitatieve onderzoeksmethoden om een bedrijfsprobleem te analyseren en de haalbaarheid van een oplossing daarvan te toetsen.
- Het beantwoorden van een theoretisch en praktisch relevante onderzoeksvraag op basis van een analyse van zowel kwalitatieve als kwantitatieve data.

Inhoud vak

Dit vak bouwt voort op de kennis die je hebt opgedaan in de vakken BRM I en BRM II, alsmede de disciplinaire vakken in de eerste anderhalf jaar van het curriculum. In het Research Project integreer je de in die vakken opgedane kennis over de basisdisciplines van bedrijfskunde en kwalitatieve en kwantitatieve onderzoeksmethoden. Je brengt deze kennis in de praktijk in een onderzoeksproject waarin de oplossing van een bedrijfsprobleem nader wordt geanalyseerd. Op basis van relevante theorie wordt een onderzoeksvraag geformuleerd die je beantwoordt op basis van zowel kwalitatieve als kwantitatieve methoden. Mogelijke vragen zijn bijvoorbeeld: Wie zijn de belangrijke stakeholders bij dit probleem en welke invloed hebben zij op de voorgestelde oplossing van het bedrijfsprobleem? Welke factoren beïnvloeden de haalbaarheid van de voorgestelde oplossing? Welke neven-effecten kan de voorgestelde oplossing hebben voor medewerkers, of voor de organisatie als geheel? Door het combineren van kwalitatieve en kwantitatieve data kom je tot een conclusie die zowel voor de praktijk als de wetenschap relevantie moet hebben.

Onderwijsvorm

Hoorcollege en werkcolleges

Toetsvorm

Groepsopdracht + Individuele opdracht.

Het behalen van credits voor dit vak hangt af van het voldoen aan de vereisten die gesteld zijn in BSc jaar 2 voor deelname aan academisch onderzoek (Research Project, E_BK2_RP).

Literatuur

- De inhoud van BRM I en BRM II (inclusief de in die vakken gebruikte literatuur)
- College slides

Aanbevolen voorkennis

Academic Skills, BRM I, BRM II.

Het is zeer gewenst dat de opdracht(en) van BRM I en BRM II grondig zijn gemaakt. Het wordt sterk afgeraden om dit vak te volgen zonder BRM I en BRM II gevolgd te hebben.

Research Project Political Science

Vakcode	S_RPPS ()
Periode	Periode 2+3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	H.L.M. Muehlenhoff

Examinator	H.L.M. Muehlenhoff
Docent(en)	H. Mercenier
Lesmethode(n)	Studiegroep
Niveau	300

Doel vak

At the end of the course students will have:

- Improved their skills to analyze and interpret political data and evaluate the quality, validity and usefulness of political science research findings;
- Successfully carried out a limited group research project, applying and refining academic, writing and research skills acquired before;
- Shown their ability to work in a team and contribute to a group product;
- Written a group research paper according to the Political Science Writing Guide, and demonstrating their ability to clearly communicate their research findings and the acquired political science knowledge;
- Shown a critical attitude towards political science literature and established points of view;
- Demonstrated intellectual integrity and the ability to be self-critical.

Inhoud vak

This seminar will require students to apply at a more advanced level the academic and research skills they have already acquired within the first year of political science for political science bachelor students or in their own bachelor's for those who follow the minor political science, and apply these skills to a small research project of their own, to be carried out in a small group. The research project will have to address a relevant question pertaining to the content of either of two parallel courses followed in period 2 (EU Governance in an International Context and Global Political Economy in the track Mondiale Politiek or Economie van Markt & Overheid in Nationale Politiek en Bestuur). Class attendance is mandatory.

Onderwijsvorm

Tutorials.

Toetsvorm

Written assignments; class participation.

Literatuur

To be announced.

Doelgroep

Bachelor political science students and minor political science.

Intekenprocedure

In this course you can not enroll yourself for the tutorials, but you will be assigned by the course coordinator. At the latest in the first week of the course you will find to which tutorial you are assigned in your personal schedule in VUnet.

Note: You do have to register for the course, with the corresponding parts!

Research Tutorial

Vakcode	L_GABAALG014 ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	prof. dr. F.A. van Lieburg
Examinator	prof. dr. F.A. van Lieburg
Docent(en)	prof. dr. F.A. van Lieburg
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

Individual deepening of your expertise in one of the fields you have studied in the other minor courses.

Inhoud vak

Dependent on your personal choice under supervision of your teacher.

Onderwijsvorm

Self tuition by reading and writing under supervision of your teacher.

Toetsvorm

Paper.

Vereiste voorkennis

Completed other courses in the minor History.

Doelgroep

All BA3 students.

Overige informatie

This research tutorial is part of the minor History.

Revalidatie

Vakcode	B_REVAL (900412)
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	prof. dr. T.W.J. Janssen
Examinator	prof. dr. T.W.J. Janssen
Docent(en)	prof. dr. T.W.J. Janssen
Lesmethode(n)	Hoorcollege, Practicum
Niveau	300

Doel vak

Na het volgen van deze cursus

- Is de student bekend met relevante begrippen, concepten en modellen uit de revalidatie, ook in de context van arbeidsreïntegratie en hulpmiddelproblematiek.

- Toont de student inzicht in de problematiek van speciale groepen in de context van revalidatie.
- Is de student in staat tot een kritische analyse van een probleem uit de revalidatie, arbeidsreïntegratie of hulpmiddelproblematiek.

Inhoud vak

Revalidatie is te omschrijven als 'het gecoördineerd en gecombineerd gebruik van maatregelen op medisch, sociaal, arbeidstechnisch en onderwijskundig terrein die de gehandicapte op de voor hem/haar optimale plaats in de samenleving moet helpen'. Bij uitstek een multidisciplinaire teamprestatie. In deze cursus zullen verschillende aspecten van deze multidisciplinaire aanpak besproken worden, waarbij de verschillende disciplines aan bod komen bij het revalidatieproces van o.a. mensen met een dwarslaesie en niet-aangeboren hersenletsel. Daarnaast zal de vraag worden gesteld welke consequenties een functionele beperking heeft voor o.a. arbeidsparticipatie en hulpmiddelgebruik. De (mogelijke) rol van de bewegingswetenschapper binnen de revalidatie zal ook bediscussieerd worden.

Onderwijsvorm

Deze module bestaat uit twee onderdelen: enerzijds een reeks bijeenkomsten (hoorcolleges, een workshop en een bezoek aan een revalidatiecentrum) anderzijds is er een groepsopdracht. De cursusomvang is 6 erts (168u), waarvan de uren per student als volgt zijn verdeeld over beide onderdelen: collegebijeenkomsten (14x2u), workshops en bezoek revalidatiecentrum (12u), tentamen (2u), de uitwerking van de groepsopdracht (78u), plus tot slot de college- en tentamenvoorbereiding (48u). De groepsopdracht wordt uitgevoerd in viertallen, waarin de wetenschappelijke onderzoekscyclus wordt uitgewerkt en doorlopen aan de hand van een typisch probleem in de context van de revalidatie. De opdracht wordt afgerond met een werkstuk en een referaat tijdens een reeks afsluitende colleges.

Toetsvorm

Toetsing vindt plaats aan de hand van de praktijkopdracht (werkwijze en verslag) en een afsluitend schriftelijk meerkeuzetentamen. Beide onderdelen tellen voor 50% in het eindoordeel, waarbij de deeltijfers niet lager mogen zijn dan een 4.5 (afgerond). De collegestof en hand-outs en een aantal hoofdstukken uit het boek Revalidatie voor Volwassenen vormen het tentamenmateriaal.

Literatuur

J.H.B. Geertzen, G.G. Vanderstraeten & J.S. Rietman. Revalidatie voor volwassenen. Jaar 2014. ISB 9023250796.
Handouts en reader.

Intekenprocedure

De indeling van werkgroepen/(computer)practica/tutorgroepen etc. vindt plaats via Canvas.

Overige informatie

Er wordt uitgegaan van latente kennis rond revalidatie op het nivo van het 1ste & 2 de jaar van de opleiding bewegingswetenschappen (Inleiding Beweging en Gezondheid, Pathologie van het Bewegen en de readers)

Risk Management for Financial Institutions

Vakcode	E_EBE3_RMFI ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	M.J. Hopman
Examinator	M.J. Hopman
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

This course offers a comprehensive introduction in Risk Management and especially related to financial institutions like insurance companies, pension funds and asset managers. This course will be supported with Deloitte experts. This course is structured in 6 parts, covering the fundamentals how these institutions work and to what risktypes they are exposed:

Part 1 (three weeks) : Insurance companies;

Part 2 (two weeks): Pension funds;

Part 3 (one week): Asset managers.

The course consists of the following topics regarding each part/different financial institution:

1. The working and business model;
2. Supervision and regulation;
3. Different risk types: Credit Risk, Market Risk and Operational Risk, Interest Rate Risk and Liquidity Risk;
4. Strategic and integrated risk management.

All parts and topics of the course are closely knitted to the learning goals of Quantitative skills, Academic skills, Bridging theory and practice. You will learn to think as a risk manager and will be challenged to have a holistic view.

By the end of the course students should be able to:

- Explain and analyse the working of these financial institutions and their business models;
- Outline and interpret regulation and the impact on these financial institutions;
- Explain, analyse and evaluate the different risk types;
- Identify and apply different risk measure techniques;
- Create and discuss a view on integrated risk management.

Inhoud vak

You will learn the fundamentals of Financial Institutions (Insurance companies, Asset Managers and Pension Funds), and the working of these institutions in the financial markets. What are the risks where these institutions have to deal with? How can you identify, monitor and report the different risk types? How are they aligned with each other and, last but not least, how can you manage these risks with all this knowledge? The course will also focus on how you manage an Insurance company with regard to capital. How can you optimize your capital and is there a future for Insurance companies? Pensions are nowadays a actual and political topic. This course will elaborate on the complexity and possibilities of Pension funds. Upon completion you will be challenged to have a broader view on the issues and you will have more background

for the actual discussions.

Onderwijsvorm

Interactive lectures and Tutorials

Toetsvorm

Final written exam (Individual assessment) and assignments.

Literatuur

Richard Apostolik and Christopher Donohue (2015): Foundations of Financial Risk: An Overview of Financial Risk and Risk-based Financial Regulation, 2nd Edition, GARP (Global Association of Risk Professionals), ISBN: 978-1-119-09805-8.

Additional readings might be announced on Canvas.

Vereiste voorkennis

There is no formal entrance requirement for the Deloitte minor Risk Management except for VWO Wiskunde A (or B).

Aanbevolen voorkennis

Finance I, Accounting I, A basic course in quantitative methods and/or statistics is strongly recommended.

Doelgroep

The Deloitte minor RMFI is for students from all bachelor programmes (with some exceptions, see the admission criteria) who want to acquire familiarity with Risk Management and Financial Institutions.

Risk Management in Banking

Vakcode	E_EBE3_RMB ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	M.J. Hopman
Examinator	M.J. Hopman
Docent(en)	M.J. Hopman
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

This course offers a comprehensive introduction in Risk Management and especially related to the banking sector. This course is structured in six parts, covering the fundamentals how a bank works and to what risktypes they are exposed:

1. The working of banks and the different business models;
2. Supervision and banking regulation;
3. Different risk types: Credit Risk, Market Risk and Operational Risk;
4. Different risk types: Interest Rate Risk and Liquidity Risk;
5. Integrated Risk Management and Stress Testing;
6. Fundamental uncertainty and Complexity.

All six parts of the course are closely knitted to the learning goals of Quantitative skills, Academic skills, Bridging theory and practice. You will learn to think as a risk manager and will be challenged to have a holistic view.

Upon successful completion of the course students are able to:

- Explain and analyse the working of bank and the business models;
- Outline and interpret regulation and the impact on banks;
- Explain, analyse and evaluate the different risk types;
- Identify and apply different risk measure techniques;
- Create and discuss a view on integrated risk management and uncertainty.

Inhoud vak

You will learn the fundamentals of banking and the working of banks in the financial markets. What are the risks where the banks have to deal with? How can you identify, monitor and report the different risk types? How are they aligned with each other, and last but not least, how can you manage these risks with all this knowledge? The course will cover balance sheet management and the impact on the business model. How can you optimize your balance sheet and develop a sustainable business model taking all the risks into account. You will be able to interpret banking regulation and have a good view on the supervisory authorities. Upon completion you will be challenged to have a holistic view on risk management and discussions will take place regarding instability and uncertainty.

Onderwijsvorm

Interactive lectures and Tutorials

Toetsvorm

Final written exam (Individual assessment) and assignments.

Literatuur

Richard Apostolik and Christopher Donohue (2015): Foundations of Financial Risk: An Overview of Financial Risk and Risk-based Financial Regulation, 2nd Edition, GARP (Global Association of Risk Professionals). ISBN: 978-1-119-09805-8.

Additional readings might be announced on Canvas.

Vereiste voorkennis

There is no formal entrance requirement for the Deloitte minor RM except for VWO Wiskunde A (or B).

Aanbevolen voorkennis

Finance I; Accounting I; A basic course in quantitative methods and/or statistics is strongly recommended.

Doelgroep

The Deloitte minor RISK is for students from all bachelor programmes (with some exceptions, see the admission criteria below) who want to acquire familiarity with Risk Management and Financial Institutions.

Robot Law and Artificial Intelligence

Vakcode	R_RLAI ()
Periode	Periode 1

Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Rechtsgeleerdheid
Coördinator	dr. mr. M. van der Linden
Examinator	dr. mr. M. van der Linden
Docent(en)	prof. dr. A. Lodder
Lesmethode(n)	Hoorcollege, Leergroep
Niveau	200

Doel vak

Robot Law and Artificial Intelligence focuses on the societal impact of technological constructs such as intelligent software, robots, drones and nano-bots. The student will learn and understand the profound influence that the autonomous and intelligent technological constructs may have on society, as well as the ethical consequences and legal implications thereof. The student will be able to develop an academic, sound judgement on the future of a robotic society from an ethical and legal perspective. The student will be able to analyze and critically evaluate the legal-ethical dimensions of issues relating to the use of intelligent software, robots, drones and nano robots.

Inhoud vak

For long Robots and Artificial Intelligence used to belong to science fiction movies and stories as well as was discussed in theoretical academic and popular articles. In recent years both Robots and Artificial Intelligence gradually but strongly is moving away from theory and entering our daily lives. This course focuses on those practical developments, and what role law and ethics play. We do not stick to present technology, but include prophecies on how society may change in the not so far off future and what we can and should do about it.

Onderwijsvorm

Lectures and tutorials

Toetsvorm

Assignments

Literatuur

Made available via electronic learning environment, e.g. parts of Robot Law (2016) edited by Calo, Froomkin & Kerr

Doelgroep

Apart from regular students, the course is also available for:

Students from other universities/faculties

Contractor (students who pay for one course).

Schrijvershuisbezoeken

Vakcode	L_NNBAALG002 ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen

Coördinator	dr. J.H.C. Bel
Examinator	dr. J.H.C. Bel
Docent(en)	dr. J.H.C. Bel
Lesmethode(n)	Excursie, Werkcollege
Niveau	300

Doel vak

Elk van de bezoeken wordt in de daaraan voorafgaande week grondig voorbereid op basis van de lectuur van een of meer werken van deze auteur. Telkens vormt één werk, in combinatie met het zoeklicht 'poëtica', het uitgangspunt voor deze bezoeken. Vragen die aan de orde komen zijn: wat is de literatuuropvatting van deze schrijver? Welke kwesties houden hem/haar bezig? Hoe gaat de schrijver te werk? In hoeverre is het schrijven voor hem of haar een beroep?

Inhoud vak

Onder leiding van Bas Heijne, de 'vrije schrijver' aan de VU 2017-2018, en Jacqueline Bel wordt een bezoek gebracht aan vier schrijvers.

Elk van de bezoeken wordt in de daaraan voorafgaande week grondig voorbereid op basis van de lectuur van een of meer werken van deze auteur. Telkens vormt één werk, in combinatie met het zoeklicht 'poëtica', het uitgangspunt voor deze bezoeken. Vragen die aan de orde komen zijn: wat is de literatuuropvatting van deze schrijver? Welke kwesties houden hem/haar bezig? Hoe gaat de schrijver te werk? In hoeverre is het schrijven voor hem of haar een beroep?

Onderwijsvorm

Werkcolleges en huisbezoeken onder leiding van Bas Heijne en Jacqueline Bel. Er worden vier schrijvers bezocht. De namen worden spoedig bekend gemaakt.

Toetsvorm

Actieve participatie en deelopdrachten (40 procent). Afrondend eindwerkstuk (60 procent). Colleges moeten altijd grondig zijn voorbereid conform de instructies uit de studiehandleiding.

Literatuur

Een werk van Bas Heijne en van de schrijvers aan wie een huisbezoek gebracht wordt; secundaire literatuur over deze schrijvers en secundaire literatuur over poëtica-onderzoek (Van den Akker/Dorleijn, Sötemann).

Vereiste voorkennis

Geen, maar het college Meesterwerken uit de wereldliteratuur dient tegelijkertijd gevolgd te worden.

Doelgroep

De minor staat open voor alle Bachelor-studenten.

Overige informatie

Aanwezigheid verplicht

Sensomotorische Coördinatie

Vakcode	B_SENSOCOR ()
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Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	prof. dr. A.M.L. Kappers
Examinator	dr. C.E. Peper
Docent(en)	dr. C.E. Peper, prof. dr. A.M.L. Kappers
Lesmethode(n)	Hoorcollege, Werkcollege, Practicum
Niveau	200

Doel vak

De student is bekend met het soort vragen dat in het onderzoek naar sensomotorische coördinatie wordt onderzocht. De student heeft basale kennis van de neurofysiologische en psychologische aspecten van bewegingscoördinatie, in het bijzonder in relatie tot de sensomotoriek. De student is bekend met enkele belangrijke theoretische benaderingen, experimentele bevindingen en praktische toepassingen.

Inhoud vak

Bij bewegen staan we zelden stil. We lopen, fietsen, spreken, schrijven, vangen, springen, slaan en schoppen alsof het niets is. Toch gaat het hier, als je er even over nadenkt, om vrij opzienbarende prestaties. Het menselijk lichaam telt meer dan 600 spieren en meer dan 100 gewrichten: daar kunnen heel wat bewegingen mee gemaakt worden, maar hoe maken we juist die ene, gewenste beweging? Dankzij het zenuwstelsel zijn onze bewegingen in de regel goed gestuurd en gecoördineerd, tenzij we te veel hebben gedronken of lijden aan een ziekte die de motoriek ondermijnt. De vraag die in deze cursus centraal staat is hoe de sturing en coördinatie van bewegingen tot stand komen, en welke rol onze sensorische systemen daarbij spelen. De cursus biedt een brede en gevarieerde inleiding in dit veelzijdige onderzoeksterrein. Naast een algemene introductie in de centrale thema's, wordt met name aandacht besteed aan de neurofysiologische en psychologische achtergronden van bewegingscoördinatie. Hierbij komt ook de relatie tussen waarnemen en bewegen ruimschoots aan bod. De stof wordt geïllustreerd aan de hand van concrete voorbeelden van zowel alledaagse situaties als bepaalde ziektebeelden.

Onderwijsvorm

28 uur/ 14 hoorcolleges
2 uur/ 1 vragenuurtje
2 uur/ 1 practicum
4 uur/ 2 werkcolleges
20 uur/ verslag schrijven
4 uur/ voorbereiding practicum en werkcolleges
10 uur/ 5 web-labs (incl. voorbereiding)
95 uur/zelfstudie (incl. college- en tentamenvoorbereiding)
3 uur / tentamen

De contacturen bestaan uit 14 hoorcolleges, 1 practicum, 2 werkcolleges en een vragenuurtje.

De hoorcolleges hebben tot doel de stof in de te bestuderen literatuur nader toe te lichten en met o.a. voorbeelden en opdrachtjes tot leven te brengen. Aanwezigheid bij de hoorcolleges is niet verplicht, maar de inhoud van de colleges maakt wel deel uit van de tentamenstof. Tijdens

het practicum zullen een aantal coördinatiefenomenen aan den lijve worden ondervonden, en aan de hand van opdrachten worden bestudeerd. Naar aanleiding van dit practicum schrijft iedere student een verslag. Tijdens de werkcolleges worden een aantal onderwerpen uit de collegestof nader besproken. Het practicum en de werkcolleges worden uitgevoerd in groepjes van 15-20 studenten. Daarnaast wordt de student regelmatig uitgenodigd tot zelfwerkzaamheid aan de hand web-labs. Hierbij worden opdrachten uitgevoerd via Canvas. Deze opdrachten worden niet behandeld tijdens de colleges. Sommige web-labs fungeren primair als een toets van de beheersing van de gedoceerde stof, terwijl in andere web-labs deze stof verder wordt uitgediept. Iedere web-lab is gedurende ongeveer 1 week beschikbaar. Het practicum, de werkcolleges, de web-labs, en het schrijven van het verslag zijn verplichte cursusonderdelen.

Toetsvorm

Schriftelijk tentamen met ja/nee-vragen. Het eindcijfer wordt voor 85% bepaald door de score op dit tentamen en voor 15% door het cijfer voor het verslag. Tevens dient het cijfer voor het verslag minimaal een 4 te zijn. Daarnaast zijn uitvoering van de web-labs en actieve deelname aan het practicum en de werkcolleges een voorwaarde om de cursus te kunnen afronden.

Literatuur

Verplichte literatuur:

- J. Tresilian (2012). Sensorimotor control & learning. An introduction to the behavioral neuroscience of action. Palgrave Macmillan: H1 t/m 4, §5.3, §7.1-2, §8.1, H9, H11, H12. Nadere specificatie van verplichte paragrafen wordt aangegeven in de cursushandleiding.
- Collegedictaat

Geadviseerde literatuur:

- Uit bovengenoemd boek van J. Tresilian: §5.4.2-3, §6.3, §7.3-5 (i.h.b. §7.5.4).

Intekenprocedure

De indeling van werkgroepen/(computer)practica/tutorgroepen etc. vindt plaats via Canvas.

Overige informatie

De formateisen en deadline voor het werkstuk worden via Canvas bekend gemaakt.

Shared Value Creation

Vakcode	E_IBA3_SVC ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. H.L.F. de Groot
Examinator	prof. dr. H.L.F. de Groot
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

Academic skills:

Understanding and applying theories related to shared value and sustainable development.

Knowledge:

Understanding the complex theoretical, empirical and societal debate on the relationship between organizations, technological dynamics, society, and the natural environment and the implications for the transition in the direction of sustainable development; Knowing which stakeholders have which stakes, and how to act- react and report on those.

Bridging theory and practice:

Experiencing how concepts (shared value, sustainability, circular economy) translate into concrete actions, policies and products (integral accounting, innovation, adoption, lobby).

Social Skills:

Active debates will develop social skills and logic argumentation.

Inhoud vak

This course examines the fundamental technological and organizational transitions that are ahead of companies and that are required to deal with the grand challenge of sustainable development. A shift from narrow profit maximization to shared value creation seems eminent. But how is shared value created? With which stakeholders? How does value creation change the way companies report to their stakeholders? And how does financing and reporting accelerate sustainable transitions?

This course will give you insight into what strategic reorientation is needed to create shared value: what technologies, products and markets to focus on, whom to work with, how to report on performance? After completing the course, you will understand which fundamental changes are needed in business operations, how governments can successfully intervene to change firm behavior into a more sustainable direction, and how these changes are embedded within the wider stakeholder network.

Part 1 of the course presents the theoretical and empirical framework that will be used to analyze innovation and adoption behavior of firms. It includes a discussion of the context within which the company behaves and an analysis of the effectiveness of policy instruments. How can companies create shared value? How does this influence their strategy and performance? What are the challenges the firm and government face in the transition towards a sustainable future? Attention will also be devoted to the shift from financial, to sustainability and integral reporting and on how reporting influences a firm's legitimacy. Also the transition from linear to circular production processes will receive ample attention.

Part 2 focuses on how the paradigm shift from a shareholder to a stakeholder approach as shared value creation is a multi-stakeholder challenge. Who are key stakeholders? What challenges do companies face in integrating stakeholder knowledge? And how can the collaboration with stakeholders help the company succeed?

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Group assessment
Class participation

Literatuur

Senge, Smith, Kruschwitz, Laur and Schley (2008), The Necessary Revolution: How Individuals and Organizations Are Working Together to Create a Sustainable World, Doubleday (selected chapters).

Additional selection of articles will be announced at the start of the course.

Small Business Development

Vakcode	E_IBK3_SBD ()
Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	drs. A.C. Guldemond
Examinator	drs. A.C. Guldemond
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

SBD specifically addresses the Small and Medium Sized Enterprise (SME) phenomenon: how are general trends and specific strategic issues and theories different (or: the same) when it comes to managing small businesses.

Learning aims concerning knowledge:

- To gain knowledge of the differences between large and small firms by learning about the characteristics of SME firms.
- To obtain in-depth knowledge of the theoretical domain of small business management and understanding factors influencing continuity of small firms.
- To understand the configuration and role of small businesses in various contexts like sectors and regions.

Learning aims concernin bridging the gap between theory and practice:

- To apply this knowledge, and previously acquired research skills to a selection of SME business contexts.
- To learn about using research methods in the context of SME cases

With regards to theory this course builds upon courses like Organization Theory, International- Strategy, Organisation Behaviour and Human Resource Management. With regards to the research and fieldwork to be done, this course most specifically builds on Business Research Methods I (BK and IBA), Business Research Methods II (BK and IBA) and uses the learnings and experience from the Integrative Research Project (BK and

IBA) in the second year. The students will employ previously learned qualitative research skills to research into SME cases.

Inhoud vak

SME businesses are facing tremendous challenges, with the ongoing digitalization and globalization today's world of business is facing.

Next to the distinction in terms of size, SME businesses can also be distinguished on the basis of their qualitative characteristics, such as the crucial role of the owner-manager, the strong local and regional focus and the presence of family in the business.

This course offers a balance between theory, research and practice.

Onderwijsvorm

Lectures

Tutorials

Toetsvorm

Written exam – Individual assessment

Group project - Group assessment

Literatuur

To be announced.

Aanbevolen voorkennis

BK:

1.2 Organization Theory; 2.2 Strategy; 2.4 BRM I; 2.5 BRM II ; 2.5 Corporate Entrepreneurship;

IBA:

1.2 Organization Theory; 1.3 Academic Skills; 2.2 International Strategy; 2.4 BRM I; 2.5 BRM II.

Sportpsychologie

Vakcode	B_SPORTPSY (900554)
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. R.R.D. Oudejans
Examinator	dr. R.R.D. Oudejans
Docent(en)	dr. R.R.D. Oudejans
Lesmethode(n)	Hoorcollege
Niveau	200

Doel vak

Studenten beschikken over kennis van en inzicht in de belangrijkste onderwerpen, stromingen en theorieën van de sportpsychologie.

Inhoud vak

De cursus beoogt de studenten te introduceren in het domein van de sportpsychologie en hen kennis te laten maken met het gebied van de exercise psychology. Aan de hand van het boek 'Sportpsychologie' vindt kennismaking plaats met de belangrijkste onderwerpen van de

sportpsychologie. Aan de orde komen:

- sportpsychologie en de relatie van sportpsychologie met 'de' psychologie; de ontwikkeling van de sportpsychologie;
- motivatie, attributie en emotie en sport;
- persoonlijkheid en sport;
- mentale vaardigheden en mentale training;
- coaching;
- sportteams;
- agressie, blessures, burn-out, verstoord eetgedrag en 10.000 uur oefenen;

Daarnaast wordt kort stilgestaan bij mentale voorstellingen.

Kennismaking met de exercise psychology vindt plaats aan de hand van hoofdstuk 18 uit het boek 'Foundations of sport and exercise psychology' van Weinberg & Gould, waarbij onder andere aandacht wordt gegeven aan verschillende modellen van gedragsverandering.

Onderwijsvorm

De cursus omvat 12 hoorcolleges van elk twee uur en wordt afgesloten met een tentamen. De resterende circa 144 uren zijn voor zelfstudie. Twee van de 12 colleges zijn gastcolleges verzorgd door sportpsychologen die in de praktijk van de sport werkzaam zijn.

Toetsvorm

Tentamen (waar-onwaarvragen). Het tentamen duurt 2,75 uur inclusief dyslexietijd.

Literatuur

- Bakker, F.C., & Oudejans, R.R.D. (2012). Sportpsychologie. Nieuwegein: Arko Sports Media (circa EURO 52, 50);
- Weinberg, R.S. & Gould, D. (2007 of 2011). Foundations of sport and exercise psychology (4de of 5de druk), hieruit Hoofdstuk 18, Exercise behavior and adherence, pp. 415-446. Champaign, IL: Human Kinetics.
- Aanvullende literatuur wordt aan het begin van de cursus opgegeven en is opgenomen in de cursushandleiding.

State, Power and Conflict

Vakcode	S_SPC ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen
Coördinator	dr. E.B. van Apeldoorn
Examinator	dr. E.B. van Apeldoorn
Docent(en)	dr. E.B. van Apeldoorn
Lesmethode(n)	Hoorcollege
Niveau	100

Doel vak

This course aims to familiarize students with fundamental political science concepts, especially the concept of power, and apply those concepts in order to gain a better understanding of the recent history of, and contemporary issues in, world politics. After completing the course, students will have:

- Knowledge of different approaches to the concept of power and be able to apply these to the analysis of (contemporary) political issues;
 - An understanding of what 'states' are and how the modern state and the modern states system came into being;
 - Knowledge of some key approaches in political science and an overview of the discipline and major sub-disciplines;
 - Knowledge of and insight into the main developments in the history of world politics from the Peace of Westphalia to the Iraq War and the current era of globalization and the power shift to Asia;
- Be familiar with main patterns of cooperation and conflict between states as well as between non-state actors and be able to understand some of these patterns by the application of key political science concepts and some key approaches within the sub-discipline of International Relations.

Inhoud vak

The course, which offers a broad introduction to the major concepts of and main approaches in political science, consists of two main parts. After a critical overview of different concepts of power, the concept of the state and contending perspectives on the conflict and cooperation within modern political systems, the course introduces students to contemporary world politics through an overview of international political history from the 17th century to the present. Here we seek to understand history by identifying recurrent patterns of cooperation and conflict not just between states but also involving non-state actors, and by applying some of the concepts and approaches dealt with in the first part of the course. The course will end with a discussion of contemporary issues within the context of a globalized world politics, such as the ongoing War on Terror, the communications revolutions and its impact upon power.

Toetsvorm

Written examination

Literatuur

- Nye, J., en D. Welch Understanding Global Conflict and Cooperation: An Introduction. Latest International Edition. Pearson.

- To be announced

Doelgroep

Bachelor students political science; Pre-Master course students; exchange students

Statistics

Vakcode	E_EOR1_STAT ()
Periode	Periode 4+5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	mr. M.H.C. Nientker
Examinator	mr. M.H.C. Nientker
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	100

Doel vak

Het college Statistics is een eerste inleiding in de basisbegrippen van de mathematische statistiek. Na afloop van de cursus kan de student statistische modellen opstellen, verschillende soorten schatters bepalen, diverse standaard toetsen opstellen en uitvoeren en betrouwbaarheidsintervallen construeren.

Inhoud vak

In de statistiek wil men op grond van waarnemingen uitspraken doen over de kansverdeling waaruit deze waarnemingen afkomstig zijn. In het college komen aan bod: statistische modellen, puntschatten, toetsen, en het construeren van betrouwbaarheidsintervallen; verdelingsonderzoek en klassen kansverdelingen worden wanneer ze nodig zijn bij deze onderwerpen toegevoegd. Begripsvorming en de presentatie van enkele veel gehanteerde methoden staan centraal. De stof wordt geïllustreerd aan de hand van interessante praktijkvoorbeelden, aangevuld met numerieke en grafische uitwerkingen in Excel. In dit vak ligt de nadruk op de zogenaamde parametrische statistiek, dat wil zeggen dat de kansverdeling op één of meer parameters na bekend is.

Onderwijsvorm

Hoorcolleges

Instructiecolleges

Een aantal onderwerpen zullen via zelfstudie worden geleerd. Hieronder valt het aanleren van Excel via een elektronische cursus.

Toetsvorm

Tussentoets – Individuele beoordeling

Afsluitend, geschreven tentamen – Individuele beoordeling

Individuele opdrachten tijdens de instructiecolleges – Individuele beoordeling

Literatuur

"Statistical Inference" van G. Casella en R.L. Berger (2008), International Edition of the 2nd revised edition, Cengage Learning
Aanvullende documentatie via Canvas.

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Actieve beheersing van de VWO wiskunde

Kennis van het vak Probability Theory

Doelgroep

Eerstejaars studenten van de opleiding Bsc Econometrie & Operations Research

Uitleg in Blackboard/Canvas

bb.vu.nl

Intekenprocedure

N.v.t.

Strategic Management from a Practice Perspective: A Day in the Life of a CEO

Vakcode	E_IBK3_SMPP ()
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Periode	Periode 5
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M.M. Rietdijk
Examinator	dr. M.M. Rietdijk
Lesmethode(n)	Hoorcollege, Werkcollege, Instructiecollege
Niveau	300

Doel vak

At the end of the course, students should be able to:

- Get insight into the tasks and challenges that CEOs of multinational firms are facing in their day-to-day work as a strategy maker;
- Bridge theory and practice by being able to relate popular management frameworks to strategic challenges that company leaders experience;
- Critically reflect on the interrelationships between the various strategic tasks of CEOs and how they can be successfully orchestrated.

These objectives will further develop various skills students had to master in the first two years of the program:

- Linking theory and concepts to practice;
- Gaining in-depth knowledge of the field of strategy.

The course focuses primarily on the following overall learning objectives in line with the IBA bachelor programme:

- Academic skills in analysis, abstraction, argumentation, and application.
- Bridging theory and practice with ability to translate and apply theoretical knowledge into business situations.
- Broadening students horizons by having a good understanding of current events on a global scale.

Inhoud vak

The course aims to familiarize the student with the most important themes relevant for the strategic management of a firm. It aims to put students into the position of a CEO and expose them to those issues a CEO needs to deal with in a strategic manner. The session making up this course will each deal with a particular strategic question that addresses a broader theme, such as: How to gain and sustain a competitive advantage? (strategic positioning); In which markets to compete? (internationalization strategy); How to grow and expand our business? (M&A strategy); How to be successful and sustainable? (sustainability strategy); How to meet the challenges of the digital age? (digitalization strategy); How to manage relations with the board of directors? (corporate governance strategy); How to be a good leader? (leadership strategy). Students will learn to take a birds-eye point of view and discuss how these strategic issues are interrelated and together comprise the building blocks of corporate strategy.

Invited guest speakers (CEOs) will allow students to be further exposed to real-life challenges of strategic management. Students will further be asked to examine critically the work (and strategy making) of one famous CEO of their choice (such as Steve Jobs, Bill Gates, etc.) based on publicly available data such as speeches and videos, and relate the CEOs behaviour to the strategic management approaches discussed in

class. Findings will be presented during classes in teams.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Individual and team assessment

Literatuur

This course is article based.
Readings will be announced in course manual.

Aanbevolen voorkennis

BK:
1.2 Organization Theory; 2.2 Strategy; 2.5 Corporate Entrepreneurship;
3.4 Foundations of Strategic Management

IBA:
1.2 Organization Theory; 1.3 Academic Skills; 2.2 International
Strategy; 3.4 Foundations of Strategic Management

Strategic Management of Technology and Innovation

Vakcode	E_BK3_SMTI ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. ir. J.J. Berends
Examinator	prof. dr. ir. J.J. Berends
Docent(en)	J.T. Hummel MSc
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

Academic skills: In this course students learn to critically evaluate innovation management concepts from academic literature and popular management press.

Knowledge: In this course, students gain theoretical understanding concerning:

- innovation types and the external innovation environment including innovation trajectories, standards, platforms, and ecosystems
- the development of innovation strategies and their operationalization in project selection, collaboration, and protection
- the product development process and organizational conditions for innovation

Bridging theory and practice: The course offers insight in the strategic importance of technological innovation for firms and society, recent developments in technology and innovation, and helps to develop skills to analyze real life cases.

Inhoud vak

This course focuses on the strategic management of technology and innovation. Innovation refers to the development and implementation of new products, services, processes and business models and many of those innovations are enabled by technological developments. Innovation is crucial for business organizations to stay competitive in ever changing markets. In this course, students learn to understand and apply basic theories behind the processes of technology-based innovation within organizations and their environments, the development of innovation strategies, and the organizational implementation of innovation strategies. Theoretical understanding is applied in a simulation game and real life cases focusing on managerial dilemmas in the management of innovation.

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Individual assignment
Group assignments
Written exam

Literatuur

- Schilling, M. (2016). Strategic management of technological innovation (5th ed). Boston: McGraw-Hill.
- Selection of academic articles (listed in course manual)
- Lectures, tutorials, and lecture slides

Strategy

Vakcode	E_BK2_STRAT ()
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. D.P. Kroon
Examinator	dr. D.P. Kroon
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	200

Doel vak

Academische Vaardigheden: Aan de hand van verschillende methoden zoals argument mapping en Porter's 5-krachtenmodel ontwikkelt de student zich op het vlak van argumentatie en analyse. Door middel van case uitwerkingen ontwikkelt de student zich op het vlak van applicatie.

Onderzoeksvaardigheden: De student verkrijgt bekendheid met academisch onderzoek binnen het vakgebied Strategie.

Vakkennis: De student verkrijgt een gedegen basiskennis over kernonderwerpen rondom Strategie binnen (en buiten) organisaties.

Link met de Praktijk: De student wordt als professional in staat gesteld om zijn/haar vakkennis in te zetten om professionele problemen op te

lossen binnen diverse organisaties. Daarnaast maakt de student kennis met de verschillende mogelijkheden die het werkveld te bieden heeft.

Sociale Vaardigheden: Door het samenwerken in teamverband, discussies tijdens de uitwerking van de cases en presentaties (mondeling en schriftelijk) over inhoudelijke aspecten rondom Strategie ontwikkelt de student zich binnen de onderdelen samenwerking, discussie en presentatie.

Algemene Ontwikkeling: De student leert om specifieke vakinhoud te koppelen aan maatschappelijke vraagstukken.

Specifieke leerdoelen:

Na deze cursus is de student tot het volgende in staat:

- 1) Het identificeren, herkennen en beschrijven van strategisch gedrag van organisaties.
- 2) Het begrijpen van de basistheorieën binnen strategie en strategisch management.
- 3) Het toepassen van strategische tools om een strategie van een organisatie te bepalen.
- 4) Het analyseren van strategische problemen door systematische analyse.

Inhoud vak

In de laatste jaren zien we dat het competitieve landschap van organisaties is veranderd. Door technologische ontwikkeling, de economische crisis en globalisatie is competitie voor zowel grote als kleine bedrijven toegenomen. Toekomstige managers dienen rekening te houden met deze externe omgevingsfactoren, maar ook met de interne omgeving van de organisatie. Zodoende zullen zij in staat zijn om strategische opties te ontwikkelen, af te wegen en te implementeren. Tijdens deze cursus zullen we de fundamentele aspecten van strategie introduceren, aan de hand van theorie en praktische voorbeelden.

Onderwijsvorm

Hoorcolleges, instructiecolleges, werkcolleges en Q&A sessies

Toetsvorm

Tentamen (individuele beoordeling) en opdrachten (individuele en groepsbeoordeling)

Literatuur

Boek en selectie van (wetenschappelijke) artikelen

Aanbevolen voorkennis

Inhoudelijk zal deze cursus voornamelijk voortbouwen op de kennis die is opgedaan tijdens Organizational Theory 1.2, Marketing 1.4, SCM 1.5 en BIT 2.1. Qua vaardigheden hebben studenten de cursus Academic Skills 1.3 en HRM & OB 1.5 als uitgangspunt nodig voor deze cursus.

Structural Policy

Vakcode	E_ME_SP ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels

Faculteit	School of Business and Economics
Coördinator	dr. S. Hochguertel
Examinator	dr. S. Hochguertel
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

The objective of this course is to identify, justify, analyze and evaluate policy options to various current economic problems, including issues in the fields of labor markets, social insurance, pensions, development, trade, environment and product market competition. Using problem sets and exercises, along with work on economic data will increase and deepen understanding and help broaching a large number of microeconomic policy fields.

Specific learning outcomes upon completion of this curricular item are:

- ability to formulate the economic rationale for policy intervention in various current economic problems;
- ability to develop policy options from economic theories;
- ability to evaluate existing and potential policy options, both in theory and in practice;
- critical attitude to existing theoretical and empirical policy analysis of current economic problems;
- ability to apply tools of economic modeling;
- ability to interpret economic data.

Inhoud vak

Structural policy is on top of the agenda when it comes to keeping individual countries on the path to stability and growth. Microeconomic structural reforms (say, in labor and product markets, social security and welfare systems) are often seen as long-run policy measures complementary to short-term macroeconomic stabilization policies.

This course discusses the role of economic policy in the context of both market failures and government objectives to adjust market outcomes. Each problem is analyzed along four different dimensions: (1) statement of the problem, (2) discussion of the rationale for government intervention, (3) policy options, and (4) evaluation of the economic outcomes of the policy in theory and practice.

Current structural economic problems arising in the following fields are prime candidates to be discussed:

- environment: externalities, property rights, tragedy of the commons, taxation, climate policy;
- competition policy and regulation: imperfect competition, market power, cartels, price-discrimination, regulation and de-regulation;
- labor market: unemployment incidence, active labor market policy, taxes and labor supply;
- social insurance and social security: disability insurance, moral hazard, welfare payments, pensions (social security), adverse selection;
- development and trade: analysis of living standards, provision of legal and political frameworks, trade protection, WTO.

During the course, both theoretical and empirical economic work in

policy context is discussed.

Onderwijsvorm

Lectures; tutorials

Toetsvorm

Grade is average of problem sets (30 %) and written examination (70%), with written exam grade of at least 5.0.

Literatuur

Background reference is: Daron Acemoglu, David Laibson and John A. List, 2016, Economics. Harlow, Essex: Pearson Education Ltd. ISBN13: 978-1-292-07920-2.

We further use J. Anthony Cookson, 2010, Intermediate Economics. (20 US\$, ca. 18 EUR), downloadable from www.lulu.com/cookson as well as various academic papers and ancillary textbook chapters, and/or to be announced on Canvas.

Vereiste voorkennis

Basic knowledge of math and statistics, as provided in the academic core of any academic program at Vrije Universiteit Amsterdam or equivalent.

Aanbevolen voorkennis

The course builds on a previous courses in the Minor Economics program, in particular, Foundations of Microeconomics. Familiarity with contents of that course is assumed. Familiarity includes a working knowledge of how to apply economic models in context and how to select and use appropriate graphical tools of analysis.

Doelgroep

Third-year bachelor students of any major.

Overige informatie

This course is an integral part of the University Minor Economics; participants gain strongly from attending the entire minor program. This course prepares for Applications in Economic Policy, and has intersections with the course Business Cycles and Stabilization Policy.

Supply Chain Dynamics

Vakcode	E_EOR3_SCD ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. N. Dzibur MSc
Examinator	dr. N. Dzibur MSc
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	300

Doel vak

Academic:

In this course students will learn to understand and simulate dynamics in supply chains using management games and system dynamics simulation.

Professional:

This course provides students hands-on experience with dealing with supply chain issues in realistic game settings, gain an understanding of how behavioural issues interact with rational decision-making in a supply chain and with modelling real life situations in a dynamic fashion

Quantitative methods:

The students will apply quantitative (dynamic) simulation to understand core operations decisions in a supply chain. We will particularly pay attention to system dynamics.

Social:

In this course students work in teams on complex operations decision problems. They will learn how to deal with conflicting interests and problems they need to solve as a team.

Link to practice:

In this course we study and mimic realistic settings that relate to decision-making in operations practice.

Inhoud vak

After successfully completing this course you are able to analyze operations decision making using behavioral and system dynamics lenses.

More specifically you will:

- Understand and be able to analyse and model operations management problems using system dynamics;
- Gain experience in dealing with actual operations and supply chain problems using management games;
- Gain in-depth insight into how behavioural aspects influence decision making in game settings.

Onderwijsvorm

Lectures and Tutorials

Literatuur

Sterman, John D. (2000), Business dynamics: systems thinking and modeling for a complex world. Boston: Irwin McGraw-Hill

Other literature (via Canvas).

Aanbevolen voorkennis

Knowledge similar to the Supply Chain Management 1 courses in the VU bachelor BK/IBA programme is highly recommended. Otherwise a course with contents similar to the following book: Chopra and Meindl (2013). Supply Chain Management: Strategy, Planning, and Operation. Global edition. Pearson Higher Education, 528 pp.

Supply Chain Management

Vakcode	E_BK1_SCM ()
Periode	Periode 5
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	prof. dr. W.E.H. Dullaert
Examinator	prof. dr. W.E.H. Dullaert
Lesmethode(n)	Hoorcollege, Werkgroep, Instructiecollege
Niveau	100

Doel vak

De doelstellingen van het vak SCM kunnen als volgt worden samengevat:

Academische vaardigheden: analyse van gestyleerde caseproblemen om de student te leren de fundamentele structuren van supply chain problemen te herkennen

Onderzoeksvaardigheden: academisch onderzoek (abstractie) vertalen naar praktisch relevante implicaties en oplossingen (en vice versa) opdat de student in staat is om (gestileerde) praktijksituaties te onderzoeken, factoren die supply chain beslissingen beïnvloeden te identificeren en door middel van modellen gefundeerde adviezen te formuleren

Kwantitatieve vaardigheden: juiste methodes selecteren voor het analyseren en oplossen van supply chain problemen, met name gericht op het bepalen van service- en voorraadniveaus verschillende distributie- en transportalternatieven te evalueren, lineaire programmeringsmodellen te gebruiken op voornamelijk op het niveau van een individueel bedrijf, zonder de bredere supply chain uit het oog te verliezen.

Vakkennis: gedegen basiskennis van supply chain management en aanreiken van fundamentele concepten en modellen die inzicht geven in beslissingen op tactisch en operationeel niveau alsmede verkennen van strategische achtergrond en strategische supply chain problemen.

Link met de praktijk: Gastsprekers worden uitgenodigd om bestaande SCM issues toe te lichten aan de hand van de eigen praktijk en professionele literatuur wordt bestudeerd opdat de student in staat is om een professioneel betoog of artikel te begrijpen, SCM kansen en uitdagingen te vertalen naar concepten en modellen uit de cursus en actief bij te dragen aan de colleges.

Inhoud vak

Diverse nationale en internationale studies bevestigen de internationale reputatie van Nederland als één van de toonaangevende logistieke regio's in de wereld. Omwille van de verwachte groei van de internationale logistiek heeft de Nederlandse overheid logistiek formeel geïdentificeerd als een topsector.

Deze cursus wil studenten een inzicht bieden in de belangrijkste drijvende krachten van supply chain performance en het strategisch belang van supply chain management illustreren voor iedere professionele organisatie.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Tussentijdse opdrachten – individuele beoordeling
schriftelijk tentamen – individuele beoordeling

Literatuur

Chopra and Meindl (2016). Supply Chain Management: Strategy, Planning, and Operation . Global edition. Pearson Higher Education, 528 pp.(of nieuwe editie)

Bijkomend studiemateriaal wordt via Canvas verspreid.

Vereiste voorkennis

Geen

Aanbevolen voorkennis

Business Mathematics 1.1, Business Processes 1.1., Business Statistics

1.4

Supply Chain Management II

Vakcode	E_BK2_SCM2 ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. J. de Vries
Examinator	dr. J. de Vries
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden: SCM 2 leert je zelfstandig de strategie en besturing van supply chains die bestaan uit 2 of meer juridisch onafhankelijke eenheden te analyseren en op die manier onderbouwd management aanbevelingen te doen voor verbeteringen. Het vak bouwt voort op SCM 1, waarbij SCM 2 vooral gericht is op de management implicaties van analyses en het denken in keteneffecten in plaats van effecten op het niveau van een individueel bedrijf.

Kwantitatieve vaardigheden: Je maakt gebruik kwantitatieve methoden om een supply chain te analyseren en verbeteringen voor te stellen.

Vakkennis: Je krijgt een gedegen kennis over het analyseren van de prestatie van een supply chain, het aansturen van ketens en afstemming van incentives (waarbij je leert hoe supply chain beslissingen worden beïnvloed door (irrationeel en rationeel) menselijk gedrag en hoe hierop in te spelen), alsmede management van de supply chain vanuit het perspectief van effecten op People Planet en Profit (Triple Bottom Line).

Link met de praktijk: Je past wetenschappelijke kennis over het managen van supply chains toe in een aantal gestileerde praktijkopdrachten / cases. Tevens worden er gastcolleges verzorgd.

Sociale vaardigheden: Je leert om in een team een complex probleem te analyseren en te komen tot aanbevelingen die je vervolgens met je team presenteert.

Inhoud vak

Iedere organisatie, onafhankelijk van het type product of dienst dat moet worden voortgebracht, heeft een supply chain die deze producten en diensten voortbrengt en aan de klant levert. Het aansturen van deze ketens (supply chains) van strategisch belang voor de overleving van bedrijfssectoren. Deze cursus leert studenten om deze ketens te analyseren en management aanbevelingen te doen vanuit een drietal thema's:

1. Van prestatie van een individueel bedrijf naar ketenprestatie
Hierbij komen onderwerpen aan de orde gerelateerd aan het vormgeven van productie- en distributienetwerken alsmede het zorgen dat doelstellingen zowel binnen de schakels van een keten als keten-overstijgend op elkaar zijn afgestemd.

2. Ketencoördinatie en incentive alignment

Dit omvat onder andere het coördineren van de vraag naar en het aanbod van producten en diensten binnen een supply chain alsmede een analyse van de effecten van prijsbeleid hierop. Er wordt expliciet aandacht besteed aan het gedrag van beslissers bij het afstemmen van aanbod en vraag.

3. Managen van de Triple Bottom Line

We analyseren onder andere de impact van supply chain beslissingen op de drie doelstellingen People, Planet & Profit en bespreken de implicaties hiervan op supply chain management. Ook bediscussiëren we hoe door middel van supply chain management de Triple Bottom Line kan worden verbeterd.

Onderwijsvorm

Hoorcolleges, werkcolleges

Toetsvorm

Tentamens (individuele beoordeling) en portfolio (individuele beoordeling)

Literatuur

Delen uit Chopra and Meindl (2016). Supply Chain Management: Strategy, Planning, and Operation . 6th Global edition. Pearson Higher Education, 528 pp.

Aanvullend studiemateriaal (via Canvas).

Aanbevolen voorkennis

SCM I 1.5

Overige informatie

Vakcoördinator is J. de Vries.

Examinator is J. de Vries.

Sustainability and Environmental Change

Vakcode	AB_1230 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. A.J.A. van Teeffelen
Examinator	dr. A.J.A. van Teeffelen
Docent(en)	prof. dr. J.C.J.H. Aerts, prof. dr. G.R. van der Werf, prof. dr. ir. P.H. Verburg, dr. A.J.A. van Teeffelen, T.I.E. Veldkamp MSc
Lesmethode(n)	Hoorcollege, Werkcollege

Doel vak

In this course students learn about the environment's pivotal role in achieving sustainable solutions for human development, mainly focused on global environmental problems. After this course, students:

1. can explain key concepts from the natural sciences relevant for the study of sustainability;
2. can characterize key components of the environment, namely water, land and atmosphere, and can explain key processes affecting their characteristics;
3. can explain the role of the environment in socio-environmental systems;
4. can identify methods to quantify the state of the environment, and analyze environmental change;
5. can perform SWOT derived from the environmental conditions for specific sustainability challenges.

Inhoud vak

The environment plays a crucial role in supporting societies, for example by providing materials, energy, food, clean air, and clean water. Environmental conditions change over space and time, influenced by both natural and human factors. In this course students learn about the environment's pivotal role in achieving sustainable solutions for human development. Starting from the key environmental components water, land and atmosphere, we characterize environmental change and how that leads to other environmental and societal changes. Methods to assess environmental change are addressed and students identify for their specific case studies what strengths, opportunities, weaknesses, and threats are associated to the 'planet dimension'. The course comprises interactive lectures and exercises and is evaluated through an assignment and a written exam.

Onderwijsvorm

The course is organized in thematic weeks, which provide students with an understanding of the specifics of the dimensions water, land and atmosphere, how these can be studied and how they interact. Each week has 1 to 2 lectures, in parallel to which students develop their assignment. Lectures (H) and assignment are supported by in-class discussions (W), reading material, and exercises.

Lectures (H) 15-20h

Workshops (W) 15-20h

Assignment ~45h

Self study ~80h

Toetsvorm

The course will be evaluated through

- 1) Group Assignment (A): SWOT analysis in Planet domain for personal case in the form presentation & working paper (30% of final grade)
- 2) A closed-book written exam (E) (70% of final grade).

A minimum grade of 5.5 is required to pass the course. There is one resit opportunity for the exam. Assignments with a grade lower than 5.5 can be improved once, after which the maximum grade that can be obtained for the assignment is 6.0.

Literatuur

- A textbook that introduces the planetary dimensions of sustainability (TBA)

- Selected articles as announce in the course guide (TBA), including:

- o De Fries, R. S., Ellis, E. C., Chapin III, F. S., Matson, P. A., Turner II, B. L., Agrawal, A., ... Syvitski, J. (2012). Planetary

Opportunities: A Social Contract for Global Change Science to Contribute to a Sustainable Future. *BioScience*, 62(6), 603–606.

<http://doi.org/10.1525/bio.2012.62.6.11>

o Wu, J. (2013). Landscape sustainability science: Ecosystem services and human well-being in changing landscapes. *Landscape Ecology*, 28(6), 999–1023. <http://doi.org/10.1007/s10980-013-9894-9>

- Open data sources, educational software packages, websites, videos etc

Aanbevolen voorkennis

Grand Challenges (minor Sustainability: Global Challenges, Interdisciplinary Solutions. Period 1)

Doelgroep

Students following the minor Sustainability: Global Challenges, Interdisciplinary Solutions.

Overige informatie

The course is coordinated by Dr. Astrid van Teeffelen, and Ted Veldkamp, MSc. Lecturers include Dr. Philip Ward, Prof. Guido van der Werf, Prof. Peter Verburg.

Sustainable Supply Chain Management

Vakcode	E_IBA3_SSCM ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. ir. D.A.M. Inghels
Examinator	dr. ir. D.A.M. Inghels
Docent(en)	dr. ir. D.A.M. Inghels
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

After successfully completing the course Sustainable Supply Chain Management you are able to

Academic Skills:

- Analyze supply chain problems taking into account interests of different stakeholders (economic, ecological, societal and others) and evaluate (future) performance effects of supply chain policy options. This type of analysis will support sustainable decision-making.

Quantitative Skills:

- Quantify the economic, ecological and societal objectives for supply chain management cases by applying and master commonly used techniques to tackle real life sustainable supply chain management problems.

Knowledge:

- Understand the transition from a linear to a closed loop (circular) economy and its implications for Supply Chain Management

Bridging Theory and Practice:

- Use a sustainable supply chain analysis framework to assess contemporary topics in sustainable supply chain management and to analyze supply chain management cases.

- Formulate recommendations for improvement of supply chains from a sustainable perspective

Inhoud vak

This course aims to introduce students in operationalizing sustainability in supply chains. We define sustainability as the combined economic, environmental, and social optimum of supply chain alternatives that take into account constraints, such as technological limits or legislation, also known as the triple bottom line (TBL) approach of People-Planet-Profit optimization. Life Cycle Assessment (LCA) is presented as a methodology to quantify the environmental impact of products and processes and Analytic Hierarchy Process (AHP) to quantify social impact. Multi Criteria Decision Analysis is introduced as a concept to operationalize the TBL approach for practical sustainable supply chain problems. Next we discuss systems thinking using Systems Dynamics for understanding and evaluating the complex and interactive behaviour of systems, such as sustainable supply chains. Finally the sustainability evaluation of chains and the management of reverse supply chains will be addressed.

Onderwijsvorm

Lectures and computer tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Group assessment

Literatuur

Readings will be announced via Canvas.

Aanbevolen voorkennis

It is recommended that students are familiar with key concepts and techniques from business or operations management and (business) mathematics.

Taaltoets

Vakcode	E_BACH_TAALT ()
Periode	Periode 1
Credits	0.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	drs. R.W. de Crom
Examinator	drs. R.W. de Crom
Lesmethode(n)	Practicum

Overige informatie

Omdat taalbeheersing onmisbaar is voor een academische studie, nemen alle eerstejaars bachelorstudenten van een Nederlandstalige bacheloropleiding aan de VU deel aan de Taaltoets Nederlands. De taaltoets is verplicht.

Kijk voor meer informatie op <http://www.vu.nl/nl/opleidingen/praktische-informatie/regelingen/taaltoets/index.aspx>.

Talent and Talent Identification

Vakcode	B_TALIDENT ()
Periode	Periode 3
Credits	6.0
Voertaal	Engels
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. D.L. Mann
Examinator	dr. D.L. Mann
Docent(en)	dr. D.L. Mann
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	300

Doel vak

On the successful completion of this course, students will be able to:

1. Critically evaluate whether skilled athletes are 'born' or 'made' (i.e., evaluate the nature vs. nurture debate in the development of athletic skill);
2. Critically appraise current means of identifying talent and consider newer, more evidence-based methods;
3. Apply knowledge about the typical developmental pathways used to describe how talent develops;
4. Identify environmental factors associated with the development of athletic skill;
5. Evaluate the ethical considerations inherent in identifying talent from a young age;
6. Critically evaluate existing or new systems established by applied sporting organisations to identify and nurture talent.

Inhoud vak

The ability to identify and develop talent in potentially skilled athletes is a central role for many coaches, scientists, and sporting administrators. National and professional sporting organisations invest substantial amounts of time and money in establishing systems designed to identify and nurture future talent, yet there is still considerable doubt about how effective these systems may be. This course on Talent and Talent Development will assess what it takes to become a talented athlete, and will uncover what we know about the ideal conditions for developing athletic skill. The course will address the emerging body of research that seeks to evaluate existing talent identification systems and to develop newer, more evidence-based procedures for identifying and developing talent. Further, a number of applied case studies will be examined to discover how these issues have been addressed by professional sporting organisations.

Onderwijsvorm

The course consists of 12 lectures (18 hours in total), in addition to the expectations of self-study (approximately 114 hours), an assignment (approximately 10 hours total) and a final exam (3 hour duration)

Toetsvorm

Textbook: Baker J., Cobley S., Schorer, J. (2012) Talent identification and development in sport. International perspectives. Routledge: Abingdon, Oxon

Overige informatie

As of 2017-18 this course replaces the course 'Talent en Talentontwikkeling'

Tax and Organizations

Vakcode	E_EBE3_TO ()
Periode	Periode 3
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	mr. J. Gooijer
Examinator	mr. J. Gooijer
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

Studenten die voor dit vak zijn geslaagd:

- hebben kennis van en inzicht in de Nederlandse inkomstenbelasting, in het bijzonder ten aanzien van de onderdelen winst uit onderneming (box I, o.a. het fiscale ondernemingsbegrip, het fiscale winstbegrip met zijn onderverdeling in totaalwinst en jaarwinst, specifieke jaarwinstbepalingen, verliesverrekening en stakingswinst), de inbreng in de bv en het aanmerkelijk belang (box II) (Vakkennis);
- hebben kennis van en inzicht in de hoofdlijnen van de Nederlandse vennootschapsbelasting (belastingplicht, winstbegrip, kapitaalbegrip, deelnemingsvrijstelling en fiscale eenheid) (Vakkennis);
- hebben kennis van de hoofdlijnen van de omzetbelasting en de loonheffingen (loonbelasting en premies volksverzekeringen) en het formele belastingrecht (Vakkennis);
- kunnen in een casus fiscale problemen met betrekking tot de genoemde belastingen onderkennen, analyseren en oplossen (Link met de Praktijk);
- kunnen de rollen en verantwoordelijkheden van de verschillende 'stakeholders' bij de belastingheffing van ondernemingen benoemen ('tax policy', maatschappelijke verantwoordelijkheid en 'fair share', horizontaal toezicht en 'Tax Control Framework') (Vakkennis; Academische vaardigheden).

Inhoud vak

Het vak geeft studenten kennis van en inzicht in de Nederlandse belastingen waarmee een onderneming te maken heeft. Ingegaan wordt op de hoofdlijnen van Nederlandse inkomstenbelasting voor zover relevant voor de onderneming: het fiscale ondernemingsbegrip, het fiscale winstbegrip met zijn onderverdeling in totaalwinst en jaarwinst, specifieke jaarwinstbepalingen, verliesverrekening en stakingswinst, de inbreng in de bv en het aanmerkelijk belang. Ook de hoofdlijnen van de Nederlandse vennootschapsbelasting komen aan bod: de belastingplicht voor de vennootschapsbelasting, het winst- en kapitaalbegrip, de deelnemingsvrijstelling en de fiscale eenheid. Tevens komen aan de orde de hoofdlijnen van de omzetbelasting en de loonheffingen (loonbelasting en premies volksverzekeringen) en het formele belastingrecht. Aan de hand van cases zullen de hoofdlijnen van genoemde belastingen worden toegepast.

Omdat de verplichtingen die voortvloeien uit de genoemde belastingen

niet alleen de onderneming zelf aangaan, komt tijdens het vak ook de relatie met andere 'stakeholders' aan bod (bijvoorbeeld de belastingdienst en de samenleving als geheel). Aandacht wordt besteed aan verticaal en horizontaal toezicht, het 'tax control framework', de maatschappelijke verantwoordelijkheid en de 'fair share'-gedachte.

Onderwijsvorm

Hoorcolleges.
Werkcolleges.
Gastcolleges.

Toetsvorm

Schriftelijk tentamen - individuele beoordeling.

Literatuur

Stevens L.G.M., Elementair belastingrecht voor economen en bedrijfsjuristen (theorieboek), Deventer: Kluwer, laatste druk.
Wetboek (pocket belastingwetten, laatste druk, van Kluwer, Vermande of SDU).
Aanvullende (verplichte) literatuur wordt bekendgemaakt op Canvas.

Aanbevolen voorkennis

Accounting and IT Systems I.

Technology and Innovation Management

Vakcode	E_BK2_TIM ()
Periode	Periode 4
Credits	6.0
Voertaal	Nederlands
Faculteit	School of Business and Economics
Coördinator	dr. ir. F. Deken
Examinator	dr. ir. F. Deken
Docent(en)	dr. ir. F. Deken, dr. S.C. Friesike, D. van Kampen MSc, dr. S.A. Rijsdijk
Lesmethode(n)	Hoorcollege, Werkgroep
Niveau	200

Doel vak

Academische vaardigheden: In dit vak leer je om bestaande innovatiemanagement concepten kritisch te beschouwen.

Vakkennis: Je verkrijgt kennis over het management van technologische innovatie als bedrijfsproces. Dit betreft concepten, theorieën, en methoden voor het zoeken, selecteren, ontwikkelen en commercialiseren van innovatieve ideeën, het ontwikkelen van een innovatiestrategie en het inrichten van een innovatieve organisatie.

Link met de praktijk: Je leert theoretische kennis toe te passen op cases uit de praktijk en krijgt daarnaast inzicht in recente ontwikkelingen in de praktijk.

Inhoud vak

Innovatie is essentieel voor bedrijven om te overleven en te groeien in dynamische markten. Innoveren omvat het bedenken en realiseren van

nieuwe producten, diensten, processen en bedrijfsmodellen. Veel innovatie wordt mogelijk gemaakt door technologische ontwikkelingen, zoals informatietechnologie en biotechnologie. Daarom richt dit vak zich op het management van technologie-gebaseerde innovatie. In dit vak laten we zien dat innovatie niet (alleen) een kwestie is van toevallige geniale ideeën, maar een complex bedrijfsproces dat systematisch ingericht kan worden. Het vak behandelt theorie over de vier fasen van innovatie als bedrijfsproces: zoeken naar mogelijkheden; selectie van ideeën; uitwerking en implementatie; en commercialisering. Daarnaast behandelen we theorie over het strategisch belang van innovatie en de organisatie van innovatieprocessen. Je leert om deze theorie je eigen te maken en toe te passen middels hoorcolleges, werkcolleges en opdrachten.

Onderwijsvorm

Hoorcolleges en werkcolleges

Toetsvorm

Schriftelijk tentamen, groepsopdrachten

Literatuur

- Een selectie van hoofdstukken en academische artikelen.
- College slides

Aanbevolen voorkennis

Business processes; Organization theory; Strategy; Marketing; BIT

Text Mining for Digital Humanities

Vakcode	L_PABAALG004 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. A.S. Fokkens
Examinator	dr. A.S. Fokkens
Docent(en)	drs. E. Maks, dr. A.S. Fokkens
Lesmethode(n)	Hoorcollege, Werkcollege
Niveau	200

Doel vak

In this course, students are trained in systematic text analysis. In particular, we explore the process of identifying and annotating information in historic and contemporaneous texts such as novels, lyrics, letters, newspaper articles, movie scripts, blogs and other social media texts using manual and automatic methods. They will learn the implications for the theoretical models and concepts they are familiar with in their own discipline. Students will work on a research project of their choice and annotate them in a interdisciplinary context using different tools and methods. They will apply expert and crowd annotations, develop code-books and compare the results. Finally, they will use a machine-learning program for analyzing text and reflect on the performance of the automatic annotation. We will focus on high-level semantic annotations of, for example, (historic) events, entities and emotions that are of interest to a broader range of humanities and

social and computer science students. Students present their findings in a research paper.

Inhoud vak

This module addresses the process of systematic text analysis through human and automatic annotation. Annotations make information that is implicit in data explicit allowing researchers to search their data systematically. This kind of research forces Humanities scholars and social scientists to represent their Interpretation of texts in a data structure. Computer science students will learn about how text mining technologies can be applied in Humanities and Social Sciences. Annotation requires the use of some type of interpretation model and it results in an analysis that can be compared across annotators. As such, annotation can be seen as an important step towards the formalization of humanities and social science as a discipline. The degree to which annotators agree or disagree (the so-called Inter Annotator Agreement) tells us something about the reproducibility of the interpretation process, the maturity of theoretical notions and the criteria used to apply them to real data. Different backgrounds of annotators will lead to different types of annotations. Linguists, (cultural-)historians, social-scientists, and literature-scientists will consider sources and data differently and consequently come to different annotations of the same source/data. The same holds for experts and non-experts. The former are traditionally involved in assigning metadata to sources, the latter do the same in crowd-sourcing initiatives. Finally, annotated data can be used to train machines to do the same. How does this work? Can a machine do better than humans? How do you evaluate this?

Onderwijsvorm

Lecture, Seminar (2 hrs a week each)

Toetsvorm

Paper

Literatuur

To be announced

Vereiste voorkennis

None

Aanbevolen voorkennis

Course: From Object to Data

Doelgroep

3rd year bachelor students, in particular Humanities, Social Science and Computer Science

Overige informatie

This module is taught at the VU. Module registration at the VU is required.

The Developing Brain

Vakcode	AB_1059 ()
Periode	Periode 2
Credits	6.0

Voertaal	Engels
Faculteit	Fac. der Aard- en Levenswetenschappen
Coördinator	dr. M.C. van den Oever
Examinator	dr. M.C. van den Oever
Docent(en)	prof. dr. S. Spijker, dr. R.E. van Kesteren, dr. R.M. Meredith, dr. H.K.E. Vervaeke, dr. M.C. van den Oever
Lesmethode(n)	Practicum, Computerpracticum, Werkgroep, Hoorcollege
Niveau	300

Doel vak

Students acquire a basic understanding of the various stages of brain development that shape the life of individuals over time.

Inhoud vak

The brain performs differently at various ages; the young brain being very plastic, whereas the aging brain is gradually losing its adaptive capacity. Importantly, early and late brain development is affected by specific genetic factors and vulnerable to changes induced by environmental factors. These alterations can result in neurodevelopmental and neurodegenerative disorders.

In this course, we will discuss pre- and postnatal brain development. We will first focus on early development and its relation to brain disorders such as autism and mental retardation. Then, we will focus on brain development during childhood and adolescence and discuss issues related to this stage of development, such as sexual orientation, gender identity, schizophrenia and the effects of drugs of abuse (alcohol, nicotine). Lastly, concerning the aging brain, we will discuss healthy brain aging as well as specific diseases of aging, such as Alzheimer's and Parkinson's disease.

Onderwijsvorm

Lectures (34 hours)

Workgroups (7 hours)

Toetsvorm

Exam (E; multiple choice questions and open questions): 80%

Academic skills assignment (A): 20%

Compensation: the average grade of both tests combined has to be >5.5.

Students have the option to resit the exam (E).

Literatuur

"Foundations Of Behavioral Neuroscience" by N.R. Carlson (Pearson Education (US)), 8th edition.

Literature on Canvas.

Aanbevolen voorkennis

The course 'Cognitive Neuroscience' of the minor 'Brain & Mind'. Alternatively, a basic understanding of neurons, neurophysiology and neuroanatomy is required.

Doelgroep

Students of the minor Brain & Mind.

Overige informatie

This minor course requires a minimum of 25 participants.

The Personal is Political: Biography, Gender and Diversity

Vakcode	L_AABAALG068 ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. D.G. Hondius
Examinator	dr. D.G. Hondius
Docent(en)	dr. D.G. Hondius, dr. B. Boter, dr. J.C.A.P. Ribberink
Lesmethode(n)	Werkcollege
Niveau	200

Doel vak

1. Acquiring knowledge of and insight in the field of historical gender and diversity studies;
2. Acquiring knowledge of and insight in historical research perspectives;
3. Develop academic research skills;
4. Develop writing skills;
5. Develop presentation skills.

Inhoud vak

"The personal is political", was a well-known rallying slogan in the late 1970s women's movement. Modern historical research acknowledges the impact and influence of the many dimensions that shape individual lives, including gender, sexuality and sexual preference, ethnicity, race, age, religion and class. This seminar explores how these intersecting dimensions are present and influence the lives and biographies of politically engaged personalities, famous or unknown, by studying the genre of the political biography, autobiography and life writing. The seminar sets out with a short series of lectures by experts in the field, followed by writing and research assignments. Students will work at an individual paper, based in a biographical research project of their own choice; suggestions will be available. The course ends with student's presentations of their findings.

Onderwijsvorm

Seminar (twice weekly), with assignments and several guest lectures . Meetings are scheduled on Wednesday morning and Friday morning, 10.00-12.45.

Toetsvorm

- Active participation in class including following up the assignments (10%)
- Individual presentation of the outline of the individual research paper and how it links to the common reading in class (15%)
- Final discussion in semi-public seminar (15%)
- Final paper (4000 words) (60%)

Each element has to be satisfactory in order to pass the course.

Literatuur

Literature will be made available for students in the first week of the course.

Vereiste voorkennis

Academic skills course (ACVA) passed.

Doelgroep

BA2 students in History, Humanities, Social Sciences, Philosophy, and Medical Studies.

Overige informatie

This course is part of the Minor Gender and Diversity.

Thesis

Vakcode	E_BK3_THS ()
Periode	Ac. Jaar (september)
Credits	12.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. M.D. Bahlmann
Examinator	dr. M.D. Bahlmann
Niveau	300

Doel vak

Being the last of BK course, this course both builds on, and integrates previous courses. In this course you will individually design and perform a basic academic research and write your BSc Thesis.

In this course you will develop your abilities to examine and understand problems from different perspectives; to recognize fundamental structures and to leave out irrelevant information; to forward well-founded, substantiated points of view, both in spoken and written format; and your ability to apply acquired knowledge to other problems and in other contexts (Academic Skills).

You will develop your abilities to critically reflect on (the quality of) academic research; • ability to translate academic research into outcomes relevant to practice; to translate a practical problem into a sound academic research question; and your ability to design a full research process with either quantitative or qualitative methods (or both) (Research Skills).

You will develop in-depth knowledge and insights within the discipline of your thesis topic; as well as develop the ability to connect theories, models, and concepts within that topic (Knowledge).

You will develop awareness about and apply, ethics and academic integrity; and demonstrate fluency in English, both in writing and speaking (Broadening your horizon).

Finally you will develop your ability to take responsibility for our own actions; in terms of your responsibility for your own learning; to make

well-founded decisions to support the choices you make and the ability to reflect on your personal development (Self-awareness).

Inhoud vak

Being the final course of your BK degree programme this course builds on preceding courses and challenges you to both integrate and improve the business knowledge and research skills you have acquired so far. To that end you will individually perform an academic research project on a specific business topic of your choice.

You will design and complete several stages of a research project. This could include both theoretical and empirical work depending on the nature of your thesis project as specified by the thesis track coordinator.

Onderwijsvorm

group and individual meetings.

Toetsvorm

Individual assessment.

Literatuur

Academic articles relevant to the topic of your thesis.

Vereiste voorkennis

All BK courses of year 1 and 2.

Aanbevolen voorkennis

All BK courses.

Toegepaste Inspanningsfysiologie

Vakcode	B_TIF (900322)
Periode	Periode 2
Credits	6.0
Voertaal	Nederlands
Faculteit	Fac. der Gedrags- en Bewegingswetensch.
Coördinator	dr. J.J. de Koning
Examinator	dr. J.J. de Koning
Docent(en)	dr. J.J. de Koning, dr. R.T. Jaspers, prof. dr. H.A.M. Daanen
Lesmethode(n)	Hoorcollege, Practicum
Niveau	300

Doel vak

Het uitbreiden van inspanningsfysiologische kennis en het toepassen daarvan op vraagstukken binnen de sport en gezondheid.

Inhoud vak

De verhoogde energiebehoefte van het musculaire systeem als gevolg van fysieke activiteit vraagt van verschillende fysiologische mechanismen een zodanige actie dat homeostase van het interne milieu behouden blijft.

Het cardiovasculaire en respiratoire systeem spelen hierin een cruciale rol. De mogelijkheid van deze systemen om in te spelen op de belasting

bepaalt in hoge mate de inspanningstolerantie en/of gezondheid van het individu. Er zijn vele factoren die het functioneren van het cardiovasculaire en respiratoire systeem beïnvloeden. Te denken valt aan trainingstoestand, voeding, klimaat, hypo- en hyperbare omstandigheden en sportspecifieke omstandigheden. Daarnaast hebben chronische aandoeningen aan de verschillende systemen grote invloed op de inspanningstolerantie. Ten grondslag aan het functioneren van het musculaire-, cardiovasculaire- en respiratoire systeem liggen de moleculair biologische processen die aanmaak en afbraak van eiwitten reguleren. Inzicht in deze processen maakt duidelijk hoe training en adaptatie aan veranderende omstandigheden werkt. Om de skeletspieren en het cardio-respiratoire systeem goed te laten functioneren is naast training een gebalanceerde voeding noodzakelijk. Aangepaste voeding kan zelfs resultaten van training en herstel bevorderen. In deze cursus wordt aandacht besteed aan factoren die de inspanningstolerantie bepalen, de moleculair biologische processen die trainingseffecten reguleren en de rol van voeding in training en herstel. De aandacht zal liggen op hoe deze kennis toegepast kan worden binnen sport en gezondheid. De cursus bevat practica waarin de student vertrouwd wordt gemaakt met de interpretatie van integratieve cardio-pulmonaire inspanningstesten, de thermofysiologie en moleculaire technieken.

Onderwijsvorm

De stof wordt aangeboden in de vorm van hoorcolleges in combinatie met practica. Totaal 168 uur, waarvan 42 uur hoorcollege, 12 uur practicum, 111 uur zelfstudie en 3 uur tentamen.

Toetsvorm

tentamen

Schriftelijke tentamen met open vragen en meerkeuze vragen. De practica zijn verplicht.

Literatuur

McArdle, Katch and Katch. Exercise Physiology: Nutrition, energy and human performance. Williams & Wilkins, ISBN 1-6083-1859-1, 7th or 8th edition, 2010/2014.

Molecular Exercise Physiology: an introduction. Edited by Henning Wakerhage. Routledge, 2014, ISBN 978-0-415-60788-9.

Burke & Deakin. Clinical Sports Nutrition. McGraw-Hill Education, ISBN 100070277206, 5th edition.

Materiaal aangeboden via Canvas.

Vereiste voorkennis

- 900115: Inleiding inspanningsfysiologie (deze kennis wordt bekend verondersteld.)

- 900225: Training en prestatie (voorheen Trainingsfysiologie, code 900210 deze kennis wordt bekend verondersteld)

Aanbevolen voorkennis

De student moet beschikken over basiskennis van de inspanningsfysiologie (energiesystemen, cardio-pulmonair systeem, training).

Intekenprocedure

De indeling van werkgroepen/(computer)practica/tutorgroepen etc. vindt plaats via Canvas.

Transport and Distribution Planning

Vakcode	E_EOR3_TDP ()
Periode	Periode 1
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	prof. dr. J.A. Gromicho Dos Santos
Examinator	prof. dr. J.A. Gromicho Dos Santos
Lesmethode(n)	Hoorcollege, Instructiecollege
Niveau	300

Doel vak

The learning outcomes of the course on Transport and Distribution Planning are the following:

Academic skills

In this course, the students learn the challenges faced when optimizing Transport and Distribution plans. Such plans often require the use of heuristics to be efficiently established. The course addresses the most important and powerful optimization techniques known, with emphasis on those techniques that work well for real-life planning.

Quantitative methods

The students learn how to distinguish heuristics in terms of efficiency, solution quality and other quantitative aspects.

Professional skills

The students will become able to solve challenging practical problems, which are within the realm of professionals only.

Social skills

In this course, the students work in teams. They learn how to combine different skills, backgrounds and interests to solve challenging and complex problems.

Link to practice

The lecturers have a sound practical record, complementing their extensive academic achievements. A representative choice of illustrative problem domains from practice is therefore guaranteed, as well as a good understanding on how to bridge the gap between theory and practice. Furthermore, the optimization techniques taught are among the best used in practice.

Inhoud vak

- Heuristics form an indispensable tool for everyone working in operations management, and in the planning of Transport and Distribution in particular.
- Problems arising from practice are often too hard to solve exactly and heuristics are relatively simple methods that may provide feasible solutions of good quality.
- The course covers two areas: the first is about heuristic ideas applicable to general problems and the second is focused on the application of heuristics to Transport and Distribution problems. This field, of so-called routing problems, is so rich that virtually all published heuristic ideas have been applied to it.
- The course is further divided into three parts, each of which first covers general problems and then focuses on routing.
- These three parts are:

- Classical heuristics to construct a feasible solution
 - Improvement heuristics based on structured local search
 - Heuristics aiming at escaping local optima
- Regardless of the part being addressed attention is paid to:
- Meta-heuristics, i.e., general ideas applicable to a large variety of domains
 - Complexity analysis
 - Whether a performance guarantee can be given and how to prove it
 - Ways to benchmark and empirically assess quality

Onderwijsvorm

Lectures
Tutorials

Toetsvorm

Written exam – Individual assessment
(Interim) Assignment(s) – Group assessment

Literatuur

- Talbi, El-Ghazali (2009). Metaheuristics: From Design to Implementation. Wiley
 - Toth, P. and Vigo, D. (2002). The Vehicle Routing Problem, 1st edition. SIAM.
 - Toth, P. and Vigo, D. (2014). Vehicle Routing: Problems, Methods and Applications, 2nd edition. SIAM.
- complemented with slides and additional notes to be provided

Vereiste voorkennis

A quantitative background with some affinity with computer programming

Aanbevolen voorkennis

Applied mathematics, econometrics, engineering, business administration, computer or data science, management sciences, or any quantitative study

Doelgroep

Both BA/IE students with an interest in optimization and OR/AM students with an interest in computer implementations can participate, since they will work together in teams combining knowledge and skills.

Overige informatie

The students will experience optimization techniques. We will make as much use of the language R as possible to express the optimization algorithms addressed in the course. R is used through the minor, therefore learning it will be useful for several courses, and you may find it useful in your careers as well.

Urban Economics and Real Estate

Vakcode	E_EBE3_UERE ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	School of Business and Economics
Coördinator	dr. P. Mulder
Examinator	dr. P. Mulder
Docent(en)	dr. P. Mulder, dr. H.R.A. Koster

Lesmethode(n)	Hoorcollege, Werkgroep, Computerpracticum
Niveau	300

Doel vak

This course in Urban and Real Estate Economics addresses the relationship between urban space, real estate development and economic development. It links economic theory to urban and real estate development, and it places real estate development in the wider context of the relation between city growth and economic development. Insights are developed both through studying theoretical backgrounds (the first eight lectures) and by considering practical examples of the issues at hand (the last four lectures). After a general introduction on the very nature and existence of cities, the following topics are covered: (1) location theory, (2) agglomeration economies, (3) city size and population distribution, (4) land use and land rents, (5) real estate and government policy, (6) growth and decline of cities, (7) sorting of people across neighborhoods within cities, (8) parking and real estate prices, (9) green buildings, (10) economics of skyscrapers, (11) economics of urban planning.

With respect to each topic you should be able:

- (i) to define and describe the topic;
- (ii) to understand the economic theory that explains the topic;
- (iii) to understand the empirical (econometric) analysis of the topic;
- (iv) to understand the (im)possibilities of urban and real estate policies;
- (v) use econometric methods to test theoretical predictions of urban economic models.

Inhoud vak

Particularly over the past decades, technological change caused the cost of connecting across space has declined sharply, which should have made it less attractive for people to cluster together in cities. Yet by many measures, cities are thriving all over the world. Most economic activities such as production, consumption and innovation take place in urban areas, despite the relatively high location costs.

Why is this the case? Why are some cities thriving, while others face serious decline? Why are real estate prices more or less stagnant in some cities or neighborhoods, while they rise sharply in others? Of course, this is a matter of supply demand. Therefore, a central topic in this course is the location behavior of firms and households. Why do they prefer one location of the other? More specifically, why are so many firms interested in expensive locations at, for example, the Amsterdam South Axis? Why do for example computer and fashion shops often cluster in space, while bakers are typically dispersed over a city? Will the advent of e-commerce cause firms to leave crowded and expensive cities? For households, comparable questions arise. Why do many higher educated people nowadays prefer to live in Amsterdam rather than in Almere, and why was the opposite true in the 1980s? Is the location choice of people merely driven by the composition of the population or real estate characteristics in a certain area? Why do certain social and ethnic groups often cluster in space, and to what extent is this desirable? How do location choices of firms and households interact?

When thinking about location behavior of firms and households, we touch upon various topics that have a substantial impact on real estate

markets. For example, the economic backgrounds and consequences of suburbanization, the rise of urban 'subcentres', and the rise of so-called 'network cities', as witnessed worldwide (and in The Netherlands alike). We will also look at interdependencies between cities, in terms of their economic dynamics and functional development. Why and how do cities specialize, why does nearly every country has a few big cities and many smaller towns and villages, and are such arrangements economically desirable?

At the aggregate level, location choices by firms and households translate into (changes in) land use and real estate development in modern cities. In this course you learn, both from a theoretically and empirically perspective, to analyze land prices as a function of, inter alia, population and real estate characteristics, location and transport costs. In addition, we identify the (im)possibilities of influencing the observed trends through urban and real estate policies. What is the impact of imposing or relaxing urban planning regulation on real estate development? Can and should we mix different kind of people in the same neighborhood? Is mortgage deductibility a good idea? What should we do with real estate in declining (country side) regions? Finally, we address some typically urban phenomena in relation to real estate markets: urban environment and green buildings, parking, and building height (skyscrapers).

Onderwijsvorm

Twelve plenary lectures of two hours each, plus six tutorials of two hours each. Students are expected to have read the material in advance; the plenary lectures cover key elements only. Tutorials introduce the assignments, econometrics and working with Stata software.

Toetsvorm

Written exam (60%) and two assignments (40%). The overall grade should be at least a 5.5 to pass.

Literatuur

- Arthur O' Sullivan, Urban Economics, McGraw-Hill International – 8th Edition / 7th edition.
- Selected scientific papers (see Canvas for details).

Vereiste voorkennis

Introductory level of microeconomics.

Aanbevolen voorkennis

Basic knowledge of econometrics (regression analysis) is recommended.

Doelgroep

Second or third-year bachelor students who want to get a solid introduction into the economics of cities and real estate, economic geography or spatial economics.

Urban Studies

Vakcode	S_UBS ()
Periode	Periode 1+2+3
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Sociale Wetenschappen

Coördinator	dr. F. Colombijn
Examinator	dr. F. Colombijn
Docent(en)	dr. F. Colombijn
Lesmethode(n)	Hoorcollege, Studiegroep
Niveau	300

Doel vak

Knowledge and Understanding. After having completed this course, the student has acquired knowledge and understanding of:

- (1) key concepts in urban anthropology;
- (2) the ways in which urban development and sustainable development are intertwined.

Application of knowledge and understanding. After having completed this course, the student has acquired the competences to:

- (1) apply key concepts from urban anthropology to an ethnographic research in public spaces in Amsterdam;
- (2) combine and compare key concepts in urban anthropology in a written argument.

Attitude. After having completed this course, the student demonstrates:

- (1) the ability to work in small research teams to carry out a small ethnographic research project;
- (2) to report about the research projects in verbal and written form.

Inhoud vak

Cities around the world are centres of economic development, attracting domestic and foreign investors, visitors, and high-skilled and low-skilled migrants. Locked in a global competition for investments, cities need to be developed in a way that they are attractive to investors and become socially and ecologically sustainable. Social sustainability requires that different actors get their fair place in the city, in terms of income opportunities, and a space to dwell, meet, express oneself, and work. Ecological sustainability requires that cities reduce their ecological footprint, compensate environmental damage to the planet, and reuse as many resources as possible. Taking urban space as the focus of our attention in this course, we will go into politics, inequality, lifestyles, and liveability.

Onderwijsvorm

lectures and tutorials

Toetsvorm

written exam (50%) and joint research paper (50%).

Literatuur

To be announced on Canvas.

Aanbevolen voorkennis

There are no requirements, but ideally students have completed the courses Political and Economic Anthropology, and Development and Globalization (for BSc CAO and minor Anthropology), or Development and Globalization and Identity, Diversity and Inclusion (Minor DGC).

Doelgroep

Bachelor 2 Culturele Antropologie en Ontwikkelingssociologie; Minor Anthropology; Minor Development and Global Challenges; open as elective

course to other students.

Overige informatie

This course fits into several programmes. It is part of the Bachelor Culturele Antropologie en Ontwikkelingssociologie; it is the closing of the theme block "Development", but in time follows directly on two courses from the theme block "World Making" (in particular Identity, Diversity and Inclusion, and Nation and Migration). The themes of these courses –politics, inequality, development, globalization, diversity, identity, migration– all return in Urban Studies. In the same vein, Urban Studies is the closing of the minor Development and Global Challenges. For students of the minor Anthropology, the most memorable element will be their first experience with ethnographic fieldwork. While Urban Studies is integrated in all these programmes, the course can also be taken as an elective course of its own. It is the only course on Urban Studies offered in the Faculty of Social Sciences of Vrije Universiteit Amsterdam and it is especially interesting to exchange students who wish to get to know Amsterdam better.

Note that students are expected to attend three meetings of the "studielint" in November-December (all students) and in September-October (only students of the Bachelor Culturele Antropologie en Ontwikkelingssociologie and the minor Anthropology).

Visualizing Humanities and Social Analytics

Vakcode	L_AABAALG066 ()
Periode	Periode 2
Credits	6.0
Voertaal	Engels
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. H.M.E.P. Kuijpers
Examinator	dr. H.M.E.P. Kuijpers
Docent(en)	dr. J.W.H.P. Verhagen, prof. dr. I.B. Leemans, dr. H.M.E.P. Kuijpers
Lesmethode(n)	Werkcollege
Niveau	300

Doel vak

- Students will become familiar with the concepts of data visualization in Digital Humanities and Social Analytics, and acquire practical skills in data visualization techniques such as graphs and digital maps.
- Practical skills will include: processing of spatial data and creating appealing map visualizations in Google Earth, QGIS, ESRI Story Maps and other map services; and the quantitative analysis of textual data (e.g. (social) media data) through AmCAT and R.
- Students will learn to critically reflect on the implications of the selection, structuring and manipulation of data as well as the choice of visualization techniques to present the outcomes of research projects.
- Students will learn to position their own work in the field of Digital Humanities and Social Analytics.
- Students will learn to apply their knowledge by developing their own research projects around a given dataset.
- Students will learn to collaborate in an interdisciplinary group, manage group processes, and communicate their results to an audience of

peers and teachers.

Inhoud vak

This course will offer practical training in digital visualization techniques, placed in the broader scope of Digital Humanities and Social Analytics. Visualization of data plays an important role in exploring and analysing quantitative data deriving from large and complex datasets, such as relational databases and text corpora varying from 17th century literature to newspaper archives to tweets. Visualizations can be used both to present the end results of research projects as well as to support all phases of the hermeneutic cycle of questioning, searching, aggregating and analysing data. They may reveal patterns and provide leads for new research questions. In this course students will become familiar with a number of visualization tools and learn to reflect critically on the way they can be used.

An important part of the classes will entail practical training in the processing of spatial and textual data. This course invites you to choose a personal research topic and will teach you basic practical skills in digital mapping and other visualisations to use in your own research. Digital mapping is a powerful visualization tool for both social science and humanities students who study events in space and time. The visualization of textual data will help you to manage and analyse large corpora of texts. You will define and investigate a research question, learn how to create and structure data and how to uncover patterns in your data through visualization. At the end of the course you will be able to use attractive visualizations to present your research results in both oral and written communications.

Onderwijsvorm

Seminar, 2x2

Toetsvorm

Participation, assignments and presentation (40%), research paper (60%)

Literatuur

T.B.A.

Aanbevolen voorkennis

This course is designed for students who study the minor Digital Humanities and Social Analytics. For other students it would be helpful to familiarize with the basics of digital data in advance. Please contact the instructors for more information and advice.

Doelgroep

Students of the UvA & VU faculty of Humanities and Social Sciences, international exchange students as well as students of Informatics (UvA) and Computer Science (VU).

Intekenprocedure

This course is part of the joined UvA/VU Minor Digital Humanities and Social Analytics. This module is taught at the VU. Module registration at the VU is required for UvA students.

Overige informatie

This course is part of the minor Digital Humanities and Social Analytics. This module is taught at the VU. Module registration at the VU is required.

Wetenschapsfilosofie

Vakcode	W_BA_MWET ()
Periode	Periode 1
Credits	6.0
Voertaal	Nederlands
Faculteit	Faculteit der Geesteswetenschappen
Coördinator	dr. ir. G.J. de Ridder
Examinator	dr. ir. G.J. de Ridder
Docent(en)	dr. ir. G.J. de Ridder
Lesmethode(n)	Hoorcollege
Niveau	300

Doel vak

- Studenten verkrijgen kennis van en inzicht in diverse basisconcepten, problemen, en discussies uit de wetenschapsfilosofie.
- Studenten verwerven vaardigheden om de diverse standpunten in de besproken wetenschapsfilosofische debatten kritisch te evalueren.
- Studenten leren wetenschapsfilosofische aspecten van maatschappelijke discussies over wetenschap, wetenschapsbeleid en de rol van wetenschap in de maatschappij te herkennen en leren hun kennis van wetenschapsfilosofie toe te passen op deze discussies teneinde beredeneerde standpunten in te kunnen nemen.
- Studenten ontwikkelen hun mondelinge en schriftelijke argumentatie- en uitdrukkingsvaardigheden verder.

Inhoud vak

In dit vak komen centrale thema's uit de wetenschapsfilosofie aan bod, zoals wat wetenschap onderscheidt van niet-wetenschap (het demarcatieprobleem), de aard van wetenschappelijke verklaringen, of wetenschappelijke theorieën ons kennis over de objectieve structuur van de wereld opleveren, de rol van waarden in wetenschap, de bredere verantwoordelijkheden van wetenschappers en de eventuele grenzen van wetenschap.

Deze thema's zullen behandeld worden aan de hand van klassieke en recente literatuur uit wetenschapsfilosofische boeken en tijdschriften. Behalve om het verkrijgen van basiskennis over de wetenschapsfilosofie, draait dit vak ook om het kritisch leren reflecteren op wetenschap en de rol van wetenschap in de maatschappij. Daarom zullen we in de colleges ook steeds zoeken naar concrete toepassingen van de behandelde stof in de actualiteit.

Onderwijsvorm

Interactieve hoor- en werkcolleges.

Toetsvorm

- Twee individuele thuisopdrachten naar aanleiding van de te bestuderen stof (50%)
 - Schriftelijk tentamen (50%)
- Voor beide onderdelen moet een voldoende (>5,5) worden behaald.

Literatuur

De literatuur bestaat uit twee delen: (1) kernartikelen die de docent beschikbaar zal maken en (2) een achtergrondtekstboek naar keuze.

(1) De kernartikelen komen uit klassieke en recente wetenschapsfilosofische boeken en tijdschriften en zullen gaan over de bovengenoemde thema's.

(2) Eén van de volgende tekstboeken fungeert als achtergrondtekst. Lezing ervan is niet verplicht, maar wel sterk aanbevolen om een beter overzicht te krijgen over het totale gebied van de wetenschapsfilosofie.

- Lisa Bortolotti, *An Introduction to the Philosophy of Science* (Chichester: Polity, 2008) – een evenwichtige inleiding met aandacht voor de bredere maatschappelijke en morele aspecten van wetenschap;
- Peter Godfrey-Smith, *Theory and Reality: An Introduction to the Philosophy of Science* (Chicago: U of Chicago Press, 2003) – een grondige en goed leesbare inleiding met aandacht voor zowel de klassieke thema's als voor recente ontwikkelingen;
- Samir Okasha, *Philosophy of Science: A Very Short Introduction* (Oxford: Oxford UP, 2002) – een kort maar toch redelijk volledige overzicht van het veld;
- Alex Rosenberg, *Philosophy of Science: A Contemporary Introduction*, 2nd ed. (London: Routledge, 2005) – ook een grondige inleiding waarin alle klassieke thema's goed uiteengezet worden.

Vereiste voorkennis

geen

Doelgroep

Studenten van de minor Filosofie; premasterstudenten