

Teaching and Examination Regulations

School of Business and Economics Master's programmes in

Accounting and Control (excluding its pre-master's programme)
Business Administration
Digital Business and Innovation
Econometrics and Operations Research
Economics
Finance
Marketing
Spatial, Transport and Environmental Economics
Transport and Supply Chain Management

Academic year 2025-2026

- A. Faculty Section**
- B1. Programme Specific Section - general provisions**
- B2. Programme Specific Section – content of programme**

Introduction to the Teaching and Examination Regulations model (OER) for Master's degree programmes

General information

Since the introduction of the Dutch Higher Education and Research Act (*Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek*, WHW) in 1993, it has been compulsory for institutions to record the broad outlines of the teaching programme and examination methods for each study programme in the Teaching and Examination Regulations (Article 7.13, paragraph 1, of the WHW). Article 7.13, paragraph 2, of the WHW lists the applicable procedures that must, as a minimum, be regulated in the Teaching and Examination Regulations. The WHW also includes a number of separate obligations relating to the inclusion of regulations in the Teaching and Examination Regulations.

Components of model Teaching and Examination Regulations

This model Teaching and Examination Regulations of the Vrije Universiteit consists of a part A, part B1 and part B2. Part A is the faculty section of the document that contains provisions that apply to all of a faculty's study programmes. The training-specific provisions have been included in both B sections and have been divided as follows:

- Part B1: programme specific section – general provisions
- Part B2: programme specific section – content of programme

This structure is due to the fact that Programme Committees (OLCs) are fully responsible for participation as described under Section B2; the Faculty Joint Assembly (FGV) has no involvement. The FGV has right of approval with regard to the Articles in Sections A and B1, and the Programme Committees have the right to prior consultation (advice). VU-wide policy does not require participation on a faculty level; participation has already been guaranteed in the development and decision-making parts of the process of establishing the policy concerned. Changes to the model Teaching and Examination Regulations are submitted to the Faculty Joint Assembly annually for their advice.

Although the various parts go together and form the Teaching and Examination Regulations of a degree programme or group of programmes, they can be amended separately. The Faculty Board ultimately determines the content of all Sections of the Teaching and Examination Regulations for the faculty degree programmes.

Type of stipulations (Articles) included

- Articles based on the Higher Education and Research Act - Article 7.13, paragraph 2 or other Articles of the Act - that must be included in the Teaching and Examination Regulations. Per Article, if applicable, an indication has been given regarding which subject of Article 7.13, paragraph 2, is referred to and whether or not participation applies and if so, under whose authority. The addition "paragraph 2" is not mentioned for reasons of clarity; where written "7.13 a" it is actually meant: "WHW Article 7.13, paragraph 2, subsection a".
- This is in regard to Articles based on Article 7.13, paragraph 2 of the Higher Education and Research Act - or other Articles of the Act - that must be included in the Teaching and Examination Regulations but that have already been laid down in VU-wide policy. If applicable, participation has already been organized by the university's central participation body. The Faculty Board is not at liberty to depart from these procedures. The same holds for the Programme Committee and the Faculty Joint Assembly. Appendix II refers to the existing VU policy (or guidelines for the Faculty Board, from Article 9.5 of the Higher Education and Research Act). If a Faculty Board wishes to depart from existing VU policy, then a written request should be submitted to the Executive Board.

- Articles (or parts thereof) that do not apply to all programmes must be indicated using square brackets: [Optional].
- The other Articles include topics for which compulsory inclusion in the Teaching and Examination Regulations has not been stipulated and that also have not been adopted as guidelines. These may concern subjects that are regulated in the Higher Education and Research Act, but for which no explicit reference has been made that stipulates compulsory inclusion in the Teaching and Examination Regulations. These are Articles which have been included because they are intended to provide clear and complete information or because of a VU or UvA regulation which stipulates compulsory inclusion. It is recommended that these Articles be included in the Teaching and Examination Regulations in accordance with the model. This means that a large part of the text from part A can be copied in its entirety for inclusion in the creation of the faculty part A.
- Section 7 on Admission Requirements sets out the admission regulations for the academic year that these Teaching and Examinations Regulations apply to, as well as for the following year. Any changes taking effect in the following year must be included separately so that candidates are aware of them.

If necessary, additional Articles can be added in part B to reflect aspects specific to a particular degree programme. Depending on participation rights, additional Articles may be included in parts B1 and B2. Any additional Articles should, wherever possible, be placed at the end of the chapter and given a higher number. If an Article is placed between existing Articles, then this should be given an interim number by adding a letter to the number (for example, Article 1.1a). If a faculty or programme does not make use of a particular article or paragraph in this format, the article or paragraph number should not be removed, but should be marked with "NA" (not applicable). This method promotes transparency and improves quality assurance if a specific subject is regulated under the same Article number in every Teaching and Examination Regulations. If you have any doubts about participation rights, please contact Administrative and Legal Affairs.

Scope of application of these regulations

These regulations apply to the programmes, courses and examinations of the Bachelor's degree programmes of the relevant faculty of the Vrije Universiteit Amsterdam. These regulations may also apply to the joint programmes and educational units, as referred to in Article 7.3c of the WHW, which are provided in entirety or in part by the faculty.

The faculty carries out the publication of the Teaching and Examination Regulations and their inclusion in the online study guide.

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Section A: Faculty section

1. General provisions

Article 1.1 Applicability of the Regulations

1. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.	Advice OLC, approval FGV (9.38 sub b)
2. These Regulations enter into force on 1 September 2025	Advice OLC, approval FGV (9.38 sub b)
3. An amendment to the Teaching and Examination Regulations is only permitted to concern an academic year already in progress if this does not demonstrably damage the interests of students.	Advice OLC, approval FGV (9.38 sub b)

Article 1.2 Definitions

The following definitions are used in these Regulations (*in alphabetical order*) :

- a. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;
- b. CvB: the Executive Board of Vrije Universiteit Amsterdam;
- c. EC (European Credit): an EC credit with a workload of 28 hours of study;
- d. examination: an assessment of the student's knowledge, understanding and skills relating to a unit of education. The assessment is expressed in terms of a final mark. An examination (the overall set of graded assignments and tests in a unit of education) may consist of one or more partial examinations (e.g. as assignments or tests). A resit always covers the same material as the original examination. An examination can be completed in writing, orally or in another way;
- e. FGV: Faculty joint assembly – assembly of the faculty student council and faculty staff council;
- f. final examination: the final examination of the Master's programme;
- g. internship: period spent working in professional practice as part of a study programme;
- h. joint degree: a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a study programme (a degree programme, a major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;
- i. OLC: programme committee;
- j. period: a part of a semester;
- k. practical exercise: a unit of education specifically aimed at acquiring certain (academic) skills or training. Practical exercises that are part of the assessment are also (partial) examinations. Examples of practical exercises include:
 - Researching and writing a thesis or dissertation
 - carrying out a research assignment
 - taking part in fieldwork or an excursion
 - taking part in another educational learning activity aimed at acquiring specific skills (e.g. participating in an in-class quiz), or

- o participating in and completing a work placement;
- l. pre-Master's-enrollee: person enrolled in a pre-Master's programme; a pre-Master's-enrollee is not a student from a legal perspective;
- m. programme: the totality and cohesion of the units of education, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
- n. regulations and guidelines: the Regulations and Guidelines regarding examinations at SBE, as defined in article 7.12, paragraph 4 of the WHW;
- o. SAP/SLM: the student information system (*Student Lifecycle Management*);
- p. semester: the first (September - January) or second half (February - August) of an academic year;
- q. specialisation: optional route of study within a degree programme indicating a deepening of the context of the programme (e.g. interdisciplinary or multidisciplinary);
- r. student statute: sets out the rights and responsibilities of students on the one hand, and of Vrije Universiteit Amsterdam on the other hand, including those derived from the law and those derived from university regulations. The Executive Board (CvB) officially confirms the student statute once its completeness has been approved by the University Student Council (USC).
- s. study guide: the guide for the study programme that provides further details of the courses, provisions and other information specific to that programme. The Study Guide is available online at: www.vu.nl/en/study-guide;
- t. study monitor (*studiemonitor*): dashboard for students and academic advisors with data of the student and that provides insight into the student's study progress;
- u. subject: see 'unit of education';
- v. thesis: a unit comprising research into the literature and/or contributing to scientific research, always resulting in a written report;
- w. track: a study pathway within a broader Bachelor's or Master's degree programme, such as a fully English-language study pathway within a Dutch-language Bachelor's or Master's degree;
- x. unit of education: a unit of study of the programme within the meaning of the WHW; also referred to as 'component';
- y. university: Vrije Universiteit Amsterdam;
- z. WHW: the Dutch Higher Education and Research Act (*Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek*);
- za. workload: the workload of the unit of study to which an examination applies, expressed in terms of credits = EC credits (ECTS = European Credit and Transfer Accumulation System). The workload for 1 year (1,680 hours) is 60 EC credits.

The other terms have the meanings ascribed to them by the WHW.

2. Study programme structure

Article 2.1 Structure of academic year and units of education

1. The study programme will be offered in a year divided into two semesters.	Ordinance CvB, see Appendix III
2. Every semester consists of three consecutive periods. The first two periods each consist of eight weeks, and the final period consists of four weeks.	Ordinance CvB, see Appendix III
3. A unit of education comprises 6 EC or a multiple thereof.	Ordinance CvB,

	see Appendix III
4. By way of exception to paragraph 3, the Executive Board may in special cases and on request of the Faculty Board, stipulate that a unit of education comprises 3 EC or a multiple thereof.	Ordinance CvB, see Appendix III

3. Assessment and Examination

Article 3.1 Signing up for education and examinations

1. Every student must sign up to participate in the units of education of the programme, the examinations and resits. The procedure for signing up is described in an annex to the student statute.	Ordinance CvB, see Appendix III
2. Signing up may only take place in the designated periods.	Ordinance CvB, see Appendix III

Article 3.2 Type of examination

1. At the examiner's request, the Examination Board may permit a different form of examination than is stipulated in the study guide.	Advice OLC, Approval FGV (7.13 l)
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Article 3.3 Oral examinations

1. No more than one student will be examined orally at a time, unless specified otherwise in part B for the relevant unit of education.	Advice OLC; approval FGV (7.13 l and n)
2. A second examiner is present when an oral examination is being held, unless the Examination Board has determined otherwise. The oral examination takes place at a time and location to be determined by the examiner within the regular timetable, on campus or online. At the request of the student, and with the approval of the examiners, an audio recording can be made. Should the second examiner not be available unexpectedly, an audio recording of the oral exam can be made. This audio recording is retained by the university for the retention period applicable for examinations.	Advice OLC; approval FGV (7.13 l and n)

Article 3.4 Determining and announcing results

1. The examiner determines the result of a written examination within ten working days. However, the marking deadline for theses and final assignments is twenty working days after submission. The examiner will then immediately ensure that the marks are registered and also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.	Ordinance CvB, see Appendix III
2. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, but at the latest within two working days after the examination has finished and informs the student accordingly. The third clause of the first paragraph applies.	Advice OLC; approval FGV (7.13 o)
3. In the case of assessments other than oral or written examinations, the Examination Board determines in advance how and by what deadline the student will be informed of the results.	Advice OLC; approval FGV (7.13 o)
4. If, as a result of exceptional circumstances, the examiner is likely to exceed the deadline, they can put a request for an extension of the revision period to a maximum of 15 days to the Examination Board, stating reasons. If the Examination Board approves the delay the examiner will then ensure that the students are informed of the new deadline.	Advice OLC; approval FGV (9.38 sub b)

Article 3.5 Examination opportunities

1. a. Per academic year, two opportunities to take examinations will be offered per unit of education. b. By way of exception to a., the options for retaking practical exercises, including work placements and theses are detailed in the relevant work placement manual, course manual or teaching regulations. c. By way of exception to a., there will only be a resit for a partial examination when this forms such a substantial part of the unit of education that without it the unit cannot be passed.	Ordinance CvB, see Appendix III
2. The most recent mark will apply in the event of a resit. A resit is allowed for both passed and failed units of education.	Ordinance CvB, see Appendix III
3. The resit for an examination must not take place within ten working days of the announcement of the result of the examination. Exceptions are only possible in period 6.	Advice OLC; approval FGV (7.13 j)
4. The Examination Board may allow a student an extra opportunity to sit an examination if: a) that student lacks only those credits to qualify for their degree; and b) that student has failed the examination during all the previously offered attempts unless participation in an examination was not possible for compelling reasons; and c) there is no regular opportunity to take the examination within 6 months. The extra opportunity can only be offered if it concerns a written examination, a paper or a take home examination. This provision excludes (other) practical exercises and the Master's thesis. Requests for an additional examination opportunity for courses completed in periods 1 to 4 must be submitted to the examination board no later than 10 June. Requests for an additional examination opportunity for courses completed in periods 5 and 6 must be submitted to the examination board no later than 10 July. If necessary, the method of examination may deviate from the provisions in the study guide.	Ordinance CvB, see Appendix III
5. If a unit of education is no longer offered in the following academic year, at least one additional opportunity will be provided to sit the examination(s) or parts thereof and a transitional arrangement will be included in Section B.	Advice OLC, approval FGV (7.13 j)

Article 3.6 Marks

1. Grades are given on a scale from 1 to 10 with no more than one figure after the decimal point.	Ordinance CvB, see Appendix III
2. A final mark between 5 and 6 will be rounded to the nearest whole number: final marks below 5.50, rounded down; final marks of 5.50 and higher, rounded up. All other final marks will be expressed in whole or half marks.	Ordinance CvB, see Appendix III
3. To pass a given course or unit, a final mark of 6 or higher is required	Ordinance CvB, see Appendix III
4. The Examination Board can allow to use symbols rather than numbers.	Ordinance CvB, see Appendix III

Article 3.7 Exemption

1. At the written request of the student, the Examination Board may exempt the student from taking one or more examinations, if they have	Advice OLC; approval FGV 7.13 r)
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a) either passed a unit of education at a university of applied sciences (HBO) or research university (WO) that is equivalent in terms of content and level; b) or have demonstrated through their work and/or professional experience that they have sufficient knowledge and skills with regard to the relevant unit of education.	
2. The Master's thesis is excluded from this exemption possibility.	Advice OLC; approval FGV (9.38 sub b)

Article 3.8 Validity period for results

1. The validity period of examinations passed and exemption from examinations is unlimited, unless otherwise specified in Section B.	Legal provision
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Article 3.9 Right of inspection and post-examination discussion

1. Within twenty working days after the announcement of the results of a written examination, but at least ten working days before the resit opportunity for that examination, the student can submit a request to inspect their graded examination.	Advice OLC; approval FGV (7.13 p en q)
2. Students can view the questions and assignments set in the written examination, and the standards applied when assessing the examination, within the period specified in 3.9.1.	Advice OLC; approval FGV (7.13 q)
3. The examiner determines whether the inspection takes place collectively or individually. In all cases, the time and place of the inspection is announced in the course manual or learning environment.	Advice OLC; approval FGV (7.13 p en q)
4. Students are entitled to feedback on their academic performance. The manner in which this is provided in each unit of education is described in the course manual.	Advice OLC; approval FGV (7.13 p and q)

4. Academic student counselling and study progress

Article 4.1 Administration of study progress and academic student counselling

1. The faculty board is responsible for the correct registration of the students' study results. After the assessment of a unit of education has been registered, every student has the right to inspect the result for that unit and also has a list of the results achieved at their disposal in VU.nl Dashboard.	Advice OLC; approval FGV (7.13 u)
2. Enrolled students are eligible for academic student counselling. Academic student counselling is in any case provided by: a. The Student Counsellor b. Student psychologists c. Faculty academic advisors	Advice OLC; approval FGV (7.13 u)

Article 4.2 Facilities for students with a disability or impairment

1. A student with a disability or impairment can submit a request in VU.nl Dashboard to qualify for special adaptations with regard to teaching, practical training and examinations. These adaptations will accommodate the student's individual disability or impairment as much as possible, but may not alter the quality or degree of difficulty of a unit of study or an examination. In all cases, the student must fulfil the exit qualifications for the study programme.	Advice OLC; approval FGV (7.13 m)
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2. The request referred to in the first paragraph must be accompanied by a statement from a doctor or psychologist. If possible, an estimate should be given of the potential impact on the student's study progress. In case of a chronic disability a single (one time) request suffices.	Advice OLC; approval FGV (7.13 m)
3. Students who have been diagnosed with dyslexia must provide a statement from a BIG, NIP or NVO registered professional who is qualified to conduct psychological evaluation.	Advice OLC; approval FGV (7.13 m)
4. The faculty board, or the responsible person on behalf of the faculty board, decides on teaching facilities and facilities regarding logistics. The Examination Board will decide on requests for facilities with regard to examinations.	Advice OLC; approval FGV (7.13 m)
5. In the event of a positive decision in response to a request as referred to in paragraph 1, the student can make an appointment with the academic advisor to discuss the details of the facilities.	Advice OLC; approval FGV (7.13 m)
6. A request for one or more facilities can be refused if it would place a disproportionate burden on the organization or the resources of the faculty or university were it upheld. Any such refusal will be substantiated.	Advice OLC; approval FGV (7.13 m)
7. If the disability or impairment justifies an extension of the examination time, the responsible person on behalf of the Examination Board will register in SAP this entitlement to an extension. If a disability or impairment justifies other measures to be taken, the academic advisor can take the necessary measures. The student can consult the study monitor to check which facilities have been granted to them.	Advice OLC; approval FGV (7.13 m)
8. The decision as referred to in paragraph 5 may specify a limited validity of the facilities granted.	Advice OLC; approval FGV (7.13 m)

5. Hardship clause

Article 5.1 Hardship clause

In instances not regulated by the Teaching and Examination Regulations or in the event of demonstrable extreme unreasonableness and unfairness, the faculty board responsible for the study programme will decide, unless the matter concerned is the responsibility of the Examination Board.	Advice OLC; approval FGV (9.38 sub b)
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Section B1: Programme specific – general provisions

6. General programme information and characteristics

Article 6.1 Study programme information

1a. The programmes Master Accounting and Control (CROHO number 60047), Master Business Administration (CROHO number 60644), Master Digital Business and Innovation (CROHO number 60968) Master Econometrics and Operations Research (CROHO 66833), Master Economics (CROHO number 66401), Master Finance (CROHO number 660046), Master Marketing (CROHO number 60048), Master Spatial, Trans and Environmental Economics (CROHO number 60444) Master Transport and Supply Chain Management (CROHO number 60471) are all offered on a full-time basis. The programme Accounting and Control (CROHO number 60047) is also offered on a part-time basis.	Advice OLC; approval FGV (7.13 i)
1b The full-time programme has a nominal study duration of 1 year; part-time 2 years.	Advice OLC; approval FGV (7.13 i)

Article 6.2 Teaching formats used and modes of assessment

1. The programme uses the teaching formats as specified in the study guide.	Advice OLC; approval FGV (7.13 x)
2. The modes of assessment used per unit of education are specified in the study guide.	Advice OLC; approval FGV (7.13 l)

7. Further admission requirements

Article 7.1 Intake date(s)

The full-time Master programmes start in the first semester of the academic year (1 September) only. The part-time Master's programmes start in the first and in the second semester (1 February). The Pre-Master's programmes start in the second semester (1 February).	Advice OLC; approval FGV (9.38 sub b)
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Article 7.2 Admission requirements

1. Students will be admitted to the degree programme if they hold a certificate of admission, issued by or on behalf of the Faculty Board because they have demonstrated that they meet the knowledge, understanding and skills requirements reflecting the final level of attainment in an academic Bachelor's degree programme in Economics, Econometrics and/or (International) Business Administration as stipulated in appendix VIII and the Admission requirements published on the website of the VU.	Advice OLC, approval by FGV (9.38 sub b)
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2.	The Admissions Board will investigate whether the applicant meets the admission requirements.	Advice OLC, approval by FGV (9.38 sub b)																																																																																																																								
3.	Applicants with a bachelor's degree obtained at an institution outside the Netherlands may be asked for additional methods to prove that they meet the admission requirements.	Advice OLC; approval FGV (9.38 sub b)																																																																																																																								
4.	The proficiency requirement in English as the language of instruction can be met if, no longer than two years before the start of the programme, the applicant has successfully completed one of the following examinations with at least the scores indicated: <table><tr><td>IELTS</td><td>General score</td><td>Minimum Score Speaking</td><td>Minimum Score Listening</td><td>Minimum Score Reading</td><td>Minimum Score Writing</td></tr><tr><td>Accounting and Control</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Business Administration</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Digital Business and Innovation</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Econometrics and Operations Research</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Economics</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Finance</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Marketing</td><td>7.0</td><td>6.5</td><td>6.5</td><td>6.5</td><td>6.5</td></tr><tr><td>Spatial, Transport and Environmental Economics</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr><tr><td>Transport and Supply Chain Management</td><td>6.5</td><td>6.0</td><td>6.0</td><td>6.0</td><td>6.0</td></tr></table> <table><tr><td>TOEFL (IBT)</td><td>General score</td><td>Minimum Score Speaking</td><td>Minimum Score Listening</td><td>Minimum Score Reading</td><td>Minimum Score Writing</td></tr><tr><td>Accounting and Control</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Business Administration</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Digital Business and Innovation</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Econometrics and Operations Research</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Economics</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Finance</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Marketing</td><td>100</td><td>20</td><td>20</td><td>19</td><td>22</td></tr><tr><td>Spatial, Transport and Environmental Economics</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr><tr><td>Transport and Supply Chain Management</td><td>92</td><td>18</td><td>12</td><td>13</td><td>20</td></tr></table> Sufficient command of the English language can also be evidenced by successful completion of: - Cambridge C2 Proficiency/Certificate of Proficiency in English (CPE): an overall score of at least 180. - Cambridge C1 Advanced/Certificate Advanced English (CAE): an overall score of at least 180. - LanguageCert Academic SELT: an overall score of at least 70. Pearson PTE Academic: an overall score of at least 65. Applicable for all tests above: at the start of the programme, the test must have been taken no longer than two years ago.	IELTS	General score	Minimum Score Speaking	Minimum Score Listening	Minimum Score Reading	Minimum Score Writing	Accounting and Control	6.5	6.0	6.0	6.0	6.0	Business Administration	6.5	6.0	6.0	6.0	6.0	Digital Business and Innovation	6.5	6.0	6.0	6.0	6.0	Econometrics and Operations Research	6.5	6.0	6.0	6.0	6.0	Economics	6.5	6.0	6.0	6.0	6.0	Finance	6.5	6.0	6.0	6.0	6.0	Marketing	7.0	6.5	6.5	6.5	6.5	Spatial, Transport and Environmental Economics	6.5	6.0	6.0	6.0	6.0	Transport and Supply Chain Management	6.5	6.0	6.0	6.0	6.0	TOEFL (IBT)	General score	Minimum Score Speaking	Minimum Score Listening	Minimum Score Reading	Minimum Score Writing	Accounting and Control	92	18	12	13	20	Business Administration	92	18	12	13	20	Digital Business and Innovation	92	18	12	13	20	Econometrics and Operations Research	92	18	12	13	20	Economics	92	18	12	13	20	Finance	92	18	12	13	20	Marketing	100	20	20	19	22	Spatial, Transport and Environmental Economics	92	18	12	13	20	Transport and Supply Chain Management	92	18	12	13	20	Advice OLC; approval FGV (9.38 sub b)
IELTS	General score	Minimum Score Speaking	Minimum Score Listening	Minimum Score Reading	Minimum Score Writing																																																																																																																					
Accounting and Control	6.5	6.0	6.0	6.0	6.0																																																																																																																					
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Finance	6.5	6.0	6.0	6.0	6.0																																																																																																																					
Marketing	7.0	6.5	6.5	6.5	6.5																																																																																																																					
Spatial, Transport and Environmental Economics	6.5	6.0	6.0	6.0	6.0																																																																																																																					
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Transport and Supply Chain Management	92	18	12	13	20																																																																																																																					

5. Exempt from the language requirement above are candidates who: - a have completed a secondary or higher education degree fully taught in English in Australia, Canada, Ireland, New Zealand, the United Kingdom, or the United States of America; or - have completed a fully English-language, accredited undergraduate or graduate programme (EQF level 6 or 7) in the Netherlands, another EU/EFTA country, Singapore or South Africa, or - have earned a vwo diploma or equivalent diploma in which English of a comparable level is required.	Advice OLC; approval FGV (9.38 sub b)
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Article 7.3 Selection criteria

In addition to the admission requirements referred to in Article 7.2, the Faculty board also sets additional requirements for honours tracks, which are published on the website of the VU.	Advice of PC, approval by FGV (9.38 sub b)
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Article 7.4 Pre-Master's programme

1. Applicants with a Bachelor's degree of a university of applied science (HBO) or a Bachelor's degree from an institution of academic higher education who wish to enter the programme but do not fulfil the admission requirements as stipulated in Article 7.2 and the selection criteria as stipulated in Article 7.3 can request admission to the pre-Master's programme. Article 2 of these regulations does not apply to admission to a bridging or pre-Master's programme. The provisions of sections A and B only apply to the extent that they are described in Article 7.4. Information about the programme from part B2 applies, insofar as it concerns the units of education from the pre-Master's programme. The pre-master's programme Accounting and Control has its own Teaching and Examination Regulations, separate from the TERs outlined here.	Advice OLC; approval FGV (9.38 sub b)
2. The general final attainment levels of the pre-Master's programme are: a. Knowledge of and insight into: i. processes and phenomena in the selected domain; ii. theories in the selected domain; iii. research methodology. b. Being capable of: i. presenting an academic argument (verbal and written); ii. critically analyzing the professional literature; iii. assessing research results in terms of reliability, validity and practicability; iv. analyzing and interpret data. c. Show evidence of: i. a critical view of widespread assumptions in society; ii. intellectual integrity; iii. a scientific attitude, i.e. a preparedness to test assumptions and theories.	Advice OLC; approval FGV sub b)
3. In order to be admitted to the pre-Master's program applicants must have - a bachelor's degree from the list with selected related programmes from an accredited institute of Higher Education which can be found on the admissions page on the website and - a GPA of 7.5 or higher calculated over the main phase of their bachelors's programme.	

Applicants who do not meet these admission requirements can remedy these deficiencies by submitting a recent GMAT Focus test with a score of 525 or higher.	
4. The programmes, their units of education and the examination format used in each unit are listed in the Study Guide.	Advice OLC, approval FGV (9.38)
5. The Pre-Master's programmes have a study load of 30 credits.	Advice OLC, approval FGV (9.38)
6. A Pre-master's programme of the same name can only be registered for once. a. Successfully completed units of education of the pre-Master's programmes are valid until 31 August of the academic year in which the results were issued. b. A pre-Master's programme is only successfully completed when all individual units of education are passed. c. Notwithstanding the provisions stated in paragraph a, the Examination board can extend a period of validity of a successfully completed unit of education in special cases. d. Article 3.5.4 does not apply to pre-Master's students.	Advice OLC, approval FGV (9.38)
7. Evidence that the pre-Master's programme has been completed successfully will entitle the enrollee to admission to the relevant Master's programme or specialization in the following academic year.	Advice OLC; approval FGV (9.38 b)

8. Examinations and results

Article 8.1 Sequence of examinations

N.A.	Advice OLC; approval FGV (7.13 h, s & t)
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Article 8.2 Validity period for results

1. If a student's understanding and skills as evaluated in the exam are demonstrably outdated, the Examination Board may impose a supplementary or replacement examination for a unit of education for which an examination was passed more than 5 years ago.	Advice OLC; approval FGV (7.13 k)
2. The validity period of a partial examination is limited to the academic year in which it was sat.	Advice OLC; approval FGV (9.38 sub b)
3. In contrast to paragraph 2, if the partial examination consists of a practical exercise, the validity period is limited to the academic year in which it was taken and the subsequent academic year as long as this assignment covers the same learning goals and its weight in the calculation of the final mark does not change.	Advice OLC; approval FGV (9.38 sub b)

Section B2: Programme specific – content of programme

9. Programme objectives, tracks/specializations, exit qualifications and language

Article 9.1 Workload

1. The programme has a workload of 60 EC, except for - the MSc Finance honours programme 'Duisenberg Honours Programme Corporate Finance', which has a study load of 84 EC, - the MSc Finance honours programme 'Duisenberg Honours Programme Finance and Technology', which has a study load of 84 EC, - the MSc Finance honours programme 'Duisenberg Honours Programme Quantitative Finance', which has a study load of 84 EC, - the MSc Business Administration specialization Management Consulting Honours Track, which has a study load of 84 EC, - the MSc Econometrics and Operations Research Honours Track Econometrics, which has a study load of 78 EC. - the MSc Econometrics and Operations Research Honours Track Operations Research, which has a study load of 78 EC.	Advice OLC; (7.13 a)
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Article 9.2 Tracks and/or specializations

The programmes have the specializations as mentioned in the study guide.	Advice OLC; (7.13 a)
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Article 9.3 Programme objective

1. The Master programmes have a final attainment level corresponding to the Dublin Descriptors (the Framework of Qualifications for the European Higher Education Area) and the Higher Education Qualifications Framework in the Netherlands. These are expressed in learning objectives.	Advice OLC; (7.13)
2. The degree programme aims to achieve the following: - to teach the student specialized knowledge, skills and understanding in the field of the Master programme chosen, i.e. Accounting and Control; Business Administration; Econometrics and Operations Research; (Spatial, Transport and Environmental) Economics; Finance, Marketing, or Transport and Supply Chain Management. - to prepare the student for work in that field for which an academic education is required.	Advice OLC; (7.13 a)
3. The degree programme also promotes the academic education of the student, in particular with reference to: - independent, academic thought processes and performance; - communicating at an academic level - applying specialist academic knowledge in a wider and/or philosophical and social context.	Advice OLC; (7.13 a)
4. The degree programme focuses attention on the student's personal development and promotes their awareness of social responsibility.	Advice OLC; (7.13 a)

Article 9.4 Exit qualifications

1. See appendix V for the learning objectives.	Approval OLC (7.13 b)
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2. Language proficiency may be taken into account in the assessment of (partial) examinations.	Approval OLC (7.13 c)
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Article 9.5 Language of instruction

1. a. The full-time degree programme is taught in the English language and examinations will be taken in English. b. The pre-master programme is taught in the English language and examinations will be taken in English. c. The part-time degree programme is taught either in the Dutch or English language and examinations will be taken either in Dutch or English.	Approval OLC (9.18)
2. As an exception to that stipulated in paragraph 1, the Faculty Board may grant permission in specific cases and in accordance with the Foreign Language Code of Conduct for the programme, or a unit of education of the programme, to be taught in a different language: - in the case of a degree programme or unit of education relating to the language in question; - If the specific nature, organization or quality of the degree programme or unit of education or the origin of the students necessitates this.	Advice OLC; approval FGV (9.38 ub b)
3. If a student requests permission to sit one or more parts of an examination in a language other than the one stipulated by the programme, such request will be subject to that stipulated in the Rules and guidelines issued by the Examination board.	
4. The 'Gedragcode vreemde taal' (code of conduct foreign languages) applies.	VU Policy

10. Curriculum structure

Article 10.1 Composition of the programme

1. The programme comprises at least a package of compulsory units of education and an individual Master's thesis.	Ordinance CvB, see Appendix III
2. Additionally the programme can offer: - Practical exercises - Electives	Advice OLC; (7.13 a)
3. Units of Education are categorized as specialized (400), research oriented (500) and highly specialized (600) level.	Ordinance CvB, see Appendix III

Article 10.2 Compulsory units of education and electives

A detailed description per unit of education can be found in the Study Guide.

1. The compulsory units of education and electives are listed in the Study Guide. An overview of each programme is appended to these Regulations, in appendix VII.	Advice OLC; (7.13 a)
2. If the student wishes to take a different course than the electives listed in the Study Guide, advance permission must be obtained in writing from the Examination board.	Advice OLC; (7.13 a)

Article 10.3 Maximum exemption

A maximum of 18 credits of the curriculum can be achieved on the basis of exemptions granted.	Advice OLC; (7.13 a)
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11. Evaluation and transitional provisions

Article 11.1 Evaluation of the education

The education provided in this programme is evaluated in accordance with the evaluation plan as outlined in the SBE Quality Assurance Plan.	Approval OLC (7.13 a1)
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Article 11.2 Transitional provisions

Notwithstanding the current Teaching and Examination Regulations, for students who started the programme under a previous set of Teaching and Examination Regulations, transitional provisions may apply. These are stipulated in appendix VI.	Advice OLC (7.13 a)
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Advice and approval by the Programme Committee on 29 April 2025

Approved by the Faculty Joint Assembly on 6 November 2025

Adopted by the board of the Faculty of the School of Business and Economics on 7 October 2025

Appendix I

Overview of articles that must be included in the OER

Based on Article 7.13, paragraph 2, of the WHW and other Articles of the Act.

Section A: Faculty section

2. Study programme structure	
Article 2.1 Structure of academic year and units of education	7.13 paragraph 2 sub e
3. Assessment and Examination	
Article 3.2 Type of examination	7.13 paragraph 2 sub h, l, j
Article 3.3 Oral examinations	7.13 paragraph 2 sub l, n
Article 3.4 Determining and announcing results	7.13 paragraph 2 sub o
Article 3.5 Examination opportunities	7.13 paragraph 2 sub h, j
Article 3.7 Exemption	7.13 paragraph 2 sub r
Article 3.8 Validity period for results	7.13 paragraph 2 sub k
Article 3.9 Right of inspection and post-examination discussion	7.13 paragraph 2 sub p, q
4. Academic student counselling and study progress	
Article 4.1 Administration of study progress and academic student counselling	7.13 paragraph 2 sub u
Article 4.2 Facilities for students with a disability	7.13 paragraph 2 sub m

Section B1: Programme specific – general provisions

6. General programme information and characteristics	
Article 6.1 Study programme information	7.13 paragraph 2 sub i, r
Article 6.2 Teaching formats used and modes of assessment	7.13 paragraph 2 sub l, x
[option:] Article 6.3 Academic student counselling	7.13 paragraph 2 sub u
7. Further admission requirements	
Article 7.2 Admission requirements	7.30b paragraph 1
Article 7.3 Selection criteria	7.30b paragraph 2, 5
8. Examinations and results	
Article 8.1 Sequence of examinations	7.13 paragraph 2 sub h, s, t
[option 1:] Article 8.2 Validity period for results	7.13 paragraph 2 sub k
[option 2:] Article 8.2 Validity period for results	7.13 paragraph 2 sub k

Section B2: Programme specific – content of programme

9. Programme objectives, tracks/specializations, exit qualifications and language	
Article 9.1 Workload	7.13 paragraph 2 sub g
Article 9.2 Tracks and/or specializations	7.13 paragraph 2 sub a
Article 9.3 Programme objective	7.13 paragraph 2 sub a
Article 9.4 Exit qualifications	7.13 paragraph 2 sub b, c
Article 9.5 Language of instruction	9.18 (implementation expected in 2020)
10. Curriculum structure	
Article 10.1 Composition of the programme	7.13 paragraph 2 sub a
Article 10.2 Compulsory units of education	7.13 paragraph 2 sub a
[Optional] Article 10.3 Elective units of education	7.13 paragraph 2 sub a
[Optional] Article 10.4 Practical exercise	7.13 paragraph 2 sub d
Article 10.5 Participation in practical training and tutorials	7.13 paragraph 2 sub d
11. Evaluation and transitional provisions	
Article 11.1 Evaluation of the education	7.13 paragraph 2 sub a1
Article 11.2 Transitional provisions	7.13 paragraph 2 sub a

Appendix II Overview of advisory and approval rights of Programme Committees (OLC) and Faculty Joint Assembly (FGV)

Disclaimer: this is a translation which only serves as an aid. No rights may be derived from it. The Dutch document prevails.

Article 7.13, paragraph 2, of the Higher Education and Research Act	FGV		OLC	
	I	A	I	A
a. content of the programme and associated examinations				
a1. the manner in which teaching and education in the relevant programme are evaluated				
b. the content of the specializations offered as part of the programme				
c. the programme's final attainment levels with regard to the knowledge, understanding and skills				
d. where applicable, the design of practical exercises				
e. the study load of the programme and of each of its constituent educational units				
f. the detailed rules referred to in Article 7.8b, sixth paragraph, and Article 7.9, fifth paragraph (recommendation on continuation of studies)				
g. the Master's programmes to which Article 7.4a, eighth paragraph, applies (elevated study load)				
h. the number and sequence of examinations and the times at which these can be taken				
i. the full-time, part-time or work-study structure of the programme				
j. where necessary, the order, and the periods in which and the number of times per academic year that the opportunity to sit examinations and final degree assessments is given				
k. where necessary, the period of validity for pass grades awarded for examinations, notwithstanding the authority of the Examination Board to extend this period of validity				
l. whether examinations are administered in oral, written or another form, notwithstanding the authority of the Examination Board to decide otherwise				
m. the way in which students with a disability or chronic health condition are given a reasonable opportunity to take the examinations				
n. the public nature of oral examinations, subject to the right of the Examination Board to determine otherwise in special cases				
o. the period within which the results of an examination must be announced, together with details of whether this period can be altered and if so in what way				
p. the way in which and the period within which students who have taken an examination are given the opportunity to inspect their marked work				
q. the way in which and the period within which information can be provided about the questions asked and exercises given in the framework of a written examination and about the standards used for assessment				
r. the grounds on which the Board of Examiners may grant exemptions from taking one or more examinations on the basis of examinations and final examinations for Bachelor's and Master's programmes previously completed in higher education, or on the basis of knowledge or skills acquired outside higher education				
s. where necessary, the stipulation that students must pass certain examinations as a condition for admission to other examinations				
t. where necessary, the obligation to take part in certain practical exercises with a view to admission to the examination in question, subject to the authority of the Examination Board to grant exemption from this obligation, with or without the imposition of alternative requirements				
u. the monitoring of academic progress and individual student support and guidance;				
v. where applicable, the manner in which students are selected for a special track within a programme as referred to in Article 7.9b (excellence track within a programme)				
x. the actual design of the education provided.				
<i>All other matters that are regulated in the Academic and Examination Regulations but which are not mentioned as such in Article 7.13 of the Higher Education and Research Act under points a to x.</i>				

Abbreviations used:

FGV:	Faculty Joint Assembly
OLC:	Programme Committee
I:	right of approval
A:	right of advice

Appendix III

Ordinances VU CvB and Binding Guidelines (richtlijn)

Section A, article:	Concerns:	CvB ordinance / guideline
2.1.1, 2.1.2	Year planning two semesters 8-8-4 (uniforme jaarkalender VU-UvA)	29-9-2008 (period 2009-2015) 22-05-2014 (periode 2016-2025)
2.1.3, 2.1.4	Units of education	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
3.1	Signing up for education and examinations	CvB ordinance 30-09-2010, prior consent USR.
3.4.1	Determination and publication of the results (1) Grading deadline exams 10 workdays (2) Theses 20 workdays	(1) Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017 (2) Quality demand 11 from the VU assessment policy, CvB ordinance 15-05-2012
3.5.1	Two possibilities to take examinations per year	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
3.5.2	Retake: most recent grade is valid. A pass can be retaken	Taken from the UvA guidelines, as part of the harmonization, CvB ordinance 24-02-2014
3.5.4	Extra retake last year	Included in (prior) model OER 16-17 following a request from committee O&O and adopted by CvB op 27-10-2015
3.6	Grades	CvB ordinance 30-09-2010, with University council's consent. As a result of harmonization UvA, the guideline: 5.5 is a pass, has been added. CvB ordinance 24-02-2014.
Section B1, article:	Concerns:	CvB ordinance / guideline
7.2	Admission criteria; at least WO Bachelor's degree	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
7.3	Selection criteria; type of criteria	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
Section B1, article:	Concerns:	CvB ordinance / guideline
10.1	Composition programme	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
10.2	Categorization of units of education	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017

Appendix IV

Article 2.1 of the Higher Education and Research (Implementation) Act

Entered into force on 1 June 2018

Disclaimer: This is a translation which only serves as an aid. No rights may be derived from it. The Dutch document prevails.

1. The extenuating personal circumstances referred to in Article 7.8b, paragraph 3 and 7.9, paragraph 3 of the Act (WHW) are limited to:

- a. illness of the person concerned,
- b. physical, sensory or other impairment of the person concerned,
- c. pregnancy of the student concerned,
- d. extenuating family circumstances,
- e. membership, including the chairmanship of:

- 1. at universities: the university council, faculty council, the body established under the participation regulation referred to in Article 9.30, paragraph 3 or Article 9.51, paragraph 2 of the Act, the programme management or the Programme Committee, or membership on the board of a foundation whose bylaws allow for the exploitation of facilities belonging to the student services, or an equivalent body with regard to its activities in the opinion of the board of the institution,
- 2. at universities of applied science: the participation council, district council, student committee or Programme Committee.

f. other circumstances to be designated by the board of the institution in the regulation as referred to in Article 7.8b, paragraph 6 and Article 7.9, paragraph 5 of the Act in which the person concerned engages in activities within the framework of the organization and the administration of the affairs of the institution,

g. membership on the board of a student organization of any size with full legal capacity, or a similar organization of any size, whose primary task regards general societal interest and which actually develops activities for this purpose.

h. other personal circumstances set out in the Teaching and Examination Regulations as referred to in Article 7.13 of the Act, pursuant to Article 7.13, paragraph 2, clause f of the Act,

i. personal circumstances other than those referred to in a – h above which, if overlooked by the governing bodies of the institution, would lead to an obviously unfair outcome.

- 3. The institutional board may, for the purposes of the first paragraph, part g, establish specific rules regarding the maximum number of eligible board members per organization per academic year, as well as the eligible administrative offices.

Appendix V

Learning Objectives

1. MASTER'S PROGRAMS

2.1 MASTER'S LEARNING GOALS ON SCHOOL LEVEL

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	Have the advanced academic and research skills to contribute to the body of knowledge
2. BRIDGING THEORY AND PRACTICE	Have state-of-the art knowledge and an evidence-based approach to solving complex business or economic problems
3. SOCIAL PROFESSIONAL SKILLS	Have the professional/social skills to interact with other professionals
4. BROADENING YOUR HORIZON	Have a broad horizon beyond the professional area
5. SELF-AWARENESS	Are self-reflective professionals

2.2 MASTER'S LEARNING OBJECTIVES ON PROGRAM LEVEL

MSc DIGITAL BUSINESS AND INNOVATION

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of all the academic research skills necessary to make relevant contributions to the domain of digital innovation and the disciplines of information systems and innovation management
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical understanding of state-of-the-art theory and methods in the domain of digital innovation and the disciplines of information systems and innovation management, as published in top journals
3. BRIDGING THEORY AND PRACTICE - application	3. Examine complex real-life case problems from different (theoretical) perspectives and design well-founded, substantiated solutions based on the appropriate methods and techniques commonly used in the domain of digital innovation (academic and business)
4. SOCIAL PROFESSIONAL SKILLS	4. Work well in a team and reflect on all roles and contributions within teams, interact effectively with stakeholders, and present convincingly in English (orally and in writing) to both academics and professionals
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues within society, their outlook, including both economic interests and environmental, societal and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and knowledge

MSc BUSINESS ADMINISTRATION – SPECIALIZATION INTERNATIONAL MANAGEMENT

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of the academic and research skills necessary to make academically, professionally and societally significant contributions to the International Management discipline
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical mastery of core International Management theory and quantitative and qualitative methods, and of state-of-the-art thinking about the discipline
3. BRIDGING THEORY AND PRACTICE - application	3. Design substantiated solutions to complex practical problems and find opportunities to formulate innovative ideas based on appropriate theories, methods, and techniques commonly used in the field of International Management
4. SOCIAL PROFESSIONAL SKILLS	4. Demonstrate excellent social and communication skills both orally and in writing in multi-stakeholder contexts
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues from the perspective of an academic, a professional and a member of society, and based on deliberate decision-making and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and critically reflect on their own aspirations, strengths and challenges

MSc BUSINESS ADMINISTRATION – SPECIALIZATION LEADERSHIP AND CHANGE MANAGEMENT

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of the academic and research skills necessary to make academic, professional and societal significant contributions to the field of LCM research
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical mastery of core LCM insights and quantitative and qualitative methods, and of state-of-the-art thinking about the discipline
3. BRIDGING THEORY AND PRACTICE - application	3. Design substantiated solutions to complex practical problems and find opportunities to formulate innovative ideas based on appropriate theories, methods, and techniques commonly used in the field of LCM
4. SOCIAL PROFESSIONAL SKILLS	4. Demonstrate excellent social and communication skills both orally and in writing in multi-stakeholder contexts
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues from the perspective of an academic, a professional and a member of society, and based on deliberate decision-making and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and critically reflect on their own aspirations, strengths and challenges

MSc BUSINESS ADMINISTRATION – SPECIALIZATION MANAGEMENT CONSULTANCY

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of the academic and research skills necessary to make academic, professional and societal significant contributions to the field of MC research
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical mastery of core MC insights and quantitative and qualitative methods, and of state-of-the-art thinking about the discipline
3. BRIDGING THEORY AND PRACTICE - application	3. Design substantiated solutions to complex practical problems and find opportunities to formulate innovative ideas based on appropriate theories, methods, and techniques commonly used in the field of MC
4. SOCIAL PROFESSIONAL SKILLS	4. Demonstrate excellent social and communication skills both orally and in writing in multi-stakeholder contexts
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues from the perspective of an academic, a professional and a member of society, and based on deliberate decision-making and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and critically reflect on their own aspirations, strengths and challenges

MSc BUSINESS ADMINISTRATION - SPECIALIZATION STRATEGY AND ORGANIZATION

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of the academic and research skills necessary to make academically, professionally and societally significant contributions to the disciplines of strategic management and organization studies
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical mastery of core strategic management and organizational theory, quantitative and qualitative methods, and of state-of-the-art thinking about the discipline
3. BRIDGING THEORY AND PRACTICE - application	3. Design substantiated solutions to complex practical problems and find opportunities to formulate innovative ideas based on appropriate theories, methods, and techniques commonly used in the fields of strategic management and organization studies
4. SOCIAL PROFESSIONAL SKILLS	4. Demonstrate excellent social and communication skills both orally and in writing in multi-stakeholder contexts
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues from the perspective of an academic, a professional and a member of society, and based on deliberate decision-making and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and critically reflect on their own aspirations, strengths and challenges

MSc BUSINESS ADMINISTRATION – SPECIALIZATION HUMAN RESOURCE MANAGEMENT

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Demonstrate a command of the academic and research skills necessary to make academically, professionally and societally significant contributions to the HRM discipline
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Show a critical mastery of core HRM and OB theory and quantitative and qualitative methods, and of state-of-the-art thinking about the discipline
3. BRIDGING THEORY AND PRACTICE - application	3. Design substantiated solutions to complex practical problems and find opportunities to formulate innovative ideas based on appropriate theories, methods, and techniques commonly used in the field of HRM
4. SOCIAL PROFESSIONAL SKILLS	4. Demonstrate excellent societal and communication skills both orally and in writing in multi-stakeholder contexts
5. BROADENING YOUR HORIZON	5. Formulate their own opinions on master's related issues from the perspective of an academic, a professional and a member of society, and based on deliberate decision-making and ethical concerns
6. SELF-AWARENESS	6. Take responsibility for their own learning and critically reflect on their own aspirations, strengths and challenges

MSc FINANCE

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Are able to go through all the steps of the academic research process
2. ACADEMIC AND RESEARCH SKILLS - quantitative	2. Possess the quantitative analysis skills to answer complex research questions in the area of finance
3. BRIDGING THEORY AND PRACTICE - knowledge	3. Demonstrate state-of-the-art academic knowledge in the areas of finance
4. BRIDGING THEORY AND PRACTICE - application	4. Can formulate well-founded and substantiated solutions for real-life finance challenges
5. SOCIAL PROFESSIONAL SKILLS	5. Are able to present effectively and in a balanced way to a variety of audiences
6. BROADENING YOUR HORIZON	6. Can formulate their own opinions on finance questions taking into account the societal and ethical context
7. SELF-AWARENESS	7. Take responsibility for their own learning, knowledge and actions

MSC MARKETING – FULL-TIME

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Make relevant (academic, managerial and societal) contributions to the marketing discipline using academic research skills
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Demonstrate and apply state-of-the-art specialized theory in the field of marketing
3. BRIDGING THEORY AND PRACTICE - application	3. Develop solutions from different theoretical perspectives for complex real-life business problems by applying relevant marketing theories and methodologies
4. SOCIAL PROFESSIONAL SKILLS - teamwork	4. Work well in a team and reflect on all roles and contributions within teams
5. SOCIAL PROFESSIONAL SKILLS - communication	5. Present in English (orally and in writing) to both academics and professionals convincingly
6. BROADENING YOUR HORIZON	6. Formulate own opinion on master's related issues within society, their outlook, including both economic interests and environmental, societal and ethical concerns
7. SELF-AWARENESS	7. Take responsibility for their own learning and knowledge

MSc ECONOMICS

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Can test economic hypotheses and draw policy conclusions using statistical and mathematical techniques applied to economic data
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Understand the academic literature and recognize important contributions to the field of economics
3. BRIDGING THEORY AND PRACTICE - application	3. Can solve real-life societal and market challenges by applying relevant theories and methodologies
4. SOCIAL PROFESSIONAL SKILLS	4. Can present research findings to expert and non-expert audiences
5. BROADENING YOUR HORIZON	5. Can critically assess the answers to pertinent social, societal and economic problems
6. SELF-AWARENESS	6. Can independently identify and fill in gaps in their knowledge and skills to develop as professionals

MSc ACCOUNTING AND CONTROL – FULL-TIME AND PART-TIME

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Can make relevant (academic, managerial and societal) contributions to the academic body of knowledge in accounting and control using academic research skills
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Can apply commonly used accounting and control techniques and concepts, referring to applicable institutional frameworks
3. BRIDGING THEORY AND PRACTICE - application	3. Can justify a course of action for current complex practice issues drawing on academic theory in the field of accounting and control
4. SOCIAL PROFESSIONAL SKILLS	4. Can present convincingly (orally and in writing) to both academics and professionals
5. BROADENING YOUR HORIZON	5. Can analyze an accounting-related issue from an IT and responsibility perspective
6. SELF-AWARENESS	6. Can explain how they will take responsibility for their own learning, knowledge and actions

MSc ECONOMETRICS AND OPERATIONS RESEARCH

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Make relevant (academic, managerial and societal) contributions to the Econometrics and Operations Research disciplines using academic research skills
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Demonstrate and apply state-of-the-art theory in the fields of econometrics and operations research
3. BRIDGING THEORY AND PRACTICE - application	3. Develop solutions for complex real-life problems by applying relevant econometrics and operations research techniques and methodologies
4. SOCIAL PROFESSIONAL SKILLS	4. Can justify their findings (orally and in writing) to both academics and professionals convincingly
5. BROADENING YOUR HORIZON	5. Can formulate their own opinions on the ethical and social implications of the outcome of their analysis
6. SELF-AWARENESS	6. Take responsibility for their own learning and knowledge

MSC IN SPATIAL, TRANSPORT AND ENVIRONMENTAL ECONOMICS

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Can test economic hypotheses and draw policy conclusions using statistical and mathematical techniques applied to economic data
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Understand the academic literature and recognize important contributions to the field of urban, transport and environmental economics
3. BRIDGING THEORY AND PRACTICE - application	3. Can solve a real-life societal and market challenge by applying relevant theories and methodologies
4. SOCIAL PROFESSIONAL SKILLS	4. Can present research findings to expert and non-expert audiences
5. BROADENING YOUR HORIZON	5. Can critically assess the answers to pertinent social, societal and economic problems
6. SELF-AWARENESS	6. Can independently identify and fill in gaps in their knowledge and skills to develop as professionals

MSc ENTREPRENEURSHIP

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Can make relevant (academic, managerial and societal) contributions to the field of entrepreneurship, using academic research skills.
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Demonstrate thorough knowledge and understanding about entrepreneurship and is able to use that knowledge and understanding to develop, assess and validate both innovative and scalable business ideas as well as academic research. (Knowledge and understanding)
3. BRIDGING THEORY AND PRACTICE - application	3. Can apply their knowledge and understanding on entrepreneurship to solve problems in entrepreneurial contexts that are characterized by a high degree of uncertainty and with limited resources. (Applying knowledge and understanding)
4. SOCIAL PROFESSIONAL SKILLS	4. Can clearly communicate their findings related to entrepreneurship, including the underpinning knowledge and rationale, to specialist and non-specialist audiences. (Communication)
5. BROADENING YOUR HORIZON	5. Can integrate knowledge on entrepreneurship, handle complexity, and formulate judgments with incomplete information, taking into account both economic interests and environmental, societal and ethical concerns. (Making judgments)
6. SELF-AWARENESS - learning skills	6. Can study entrepreneurship and apply their knowledge and skills in a largely self-directed way. (Learning skills)
7. SELF-AWARENESS - entrepreneurial attitude	7. Developed an attitude that is relevant for the creation, discovery, and exploitation of value-adding opportunities. (Entrepreneurial attitude)

MSc RESEARCH MASTER BUSINESS IN SOCIETY

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Can, under academic supervision, conduct research in the field of business which meaningfully contributes to the scientific debate and that can be submitted to an international, peer-reviewed journal
2. BRIDGING THEORY AND PRACTICE - knowledge	2. Demonstrate a critical understanding of state-of-the-art theory and advanced techniques and research methods in the field of business
3. BRIDGING THEORY AND PRACTICE - application	3. Develop theoretically sound solutions to complex real-life business cases, based on academic theory and methods
4. SOCIAL PROFESSIONAL SKILLS	4. Can present and defend research outcomes (orally and in writing) to an audience of academic researchers
5. BROADENING YOUR HORIZON	5. Evaluate the effects of business on society and vice versa
6. BROADENING YOUR HORIZON	6. Can apply the standards of research ethics and integrity to their own research
7. SELF-AWARENESS	7. Can independently keep track of the developments in the field and embark on independent academic research

MSc TRANSPORT AND SUPPLY CHAIN MANAGEMENT

Graduates...

1. ACADEMIC AND RESEARCH SKILLS	1. Evaluate and assess state-of-the-art theories and methods to develop strategies for practically relevant decision-making in the area of Transport & Supply Chain Management.
2. BRIDGING THEORY AND PRACTICE - knowledge	2a. Assess industry and societal dynamics, challenges and opportunities
3. BRIDGING THEORY AND PRACTICE - application	2b. Analyze and design solutions for complex real-life business problems by selecting appropriate quantitative and qualitative analytical methods in the area of Transport & Supply Chain Management.
4. SOCIAL PROFESSIONAL SKILLS	3. Effectively interact with internal and external stakeholders in managing transport and supply chain related problems and effectively communicate with a variety of audiences.
5. BROADENING YOUR HORIZON	4. Analyze the broad impact of their own and of firm decisions and actions in society.
6. SELF-AWARENESS	5. Critically reflect on their own learning path and their functioning in diverse teams.

Appendix VI

Transitional arrangements

Transitional arrangements due to curriculum changes 2024-2025 SBE Master programmes

Version: 24-04-2025

These are the transitional arrangements related to curriculum changes. The transitional arrangements are relevant for senior students that have to fulfill an earlier curriculum. The overview concerns curriculum changes per 2025-2026. For previous curriculum changes, take a look at VU.nl page Teaching and Examination Regulations (TER/OER).

Note: If a specific course from an old curriculum has successfully been passed, you are not allowed to attend the replacing course.

Concerning courses from 2024-2025, that are no longer offered in 2025-2026, transitional arrangements apply:

- Courses that are not offered anymore: one extra exam will be offered, provided you have actually participated in the course during 2024-2025. If you fail this extra exam, or if you do not make use of this opportunity, you can follow the replacing course.
- Concerning courses with a name change: you can follow the course with the new name (provided that you have not passed the original course yet).

MSc Accounting and Control (full time)

(none)

MSc Accounting and Control (part time)

(none)

MSc Business Administration

Curriculum 2024-2025						Curriculum 2025-2026			
Course	Period	EC	Course code	Type of Change	Resit	Replacing new course	Period	EC	Course code
Doing Business in Emerging Markets	2	6	E_BA_DBEM	Name	No	Business in Developing and Emerging Markets			E_BA_BDEM

MSc Digital Business and Innovation

(none)

MSc Economics

(none)

MSc Econometrics and Operations Research

Curriculum 2024-2025						Curriculum 2025-2026			
Specialization				Type of Change	Resit	Replacing new specialization			
Econometric Theory (Econometrics)			E_EORM_TEET	Ceased	No	N/A, contact programme management for assistance in how to still complete this specialization			
Marketing Data Science (Econometrics)			E_EORM_TEMDS	Ceased	No	N/A, contact programme management for assistance in how to still complete this specialization			
Operations Research Theory (Operations Research)			E_EORM_TOORT	Ceased	No	N/A, contact programme management for assistance in how to still complete this specialization			
Quantitative Economics (Operations Research)			E_EORM_TEQE	Ceased	No	N/A, contact programme management for assistance in how to still complete this specialization			
Course	Period	EC	Course code	Type of Change	Resit	Replacing new course	Period	EC	Course code
Econometrics Research	3	6	E_EORM_ECT	Ceased	No	N/A, contact programme management for assistance in how to still complete the specialization Econometric Theory			
Marketing Data Case	3	6	E_EORM_MDC	Ceased	No	N/A, contact programme management for assistance in how to still complete this specialization Marketing Data Science			

Removed courses from MSc Econometrics and Operations Research that belong to other VU masters

Curriculum 2024-2025					
Course	Period	EC	Course code	Type of Change	Resit

Advanced Macroeconomics	2	6	E_EC_AMAEC	Ceased within master EOR	No; follow the course within the master Economics
Advanced Microeconomics	1	3	E_EC_ADVMIIE	Ceased within master EOR	No; follow the course within the master Economics
Advanced Spatial Analyses	2	6	AM_1197	Ceased within master EOR	No; follow the course within the master Earth Sciences
Brand Management	4	6	E_MKT_BMAN	Ceased within master EOR	No; follow the course within the master Marketing
Customer and Marketing Analytics	1	6	E_MKT_CMA	Ceased within master EOR	No; follow the course within the master Marketing
Financial Markets and Institutions	2	6	E_FIN_FMI	Ceased within master EOR	No; follow the course within the master Finance
Globalization, Growth and Development	4	6	E_EC_GGD	Ceased within master EOR	No; follow the course within the master Economics
Industrial Organization and Competition Policy	4	6	E_EC_IOCP	Ceased within master EOR	No; follow the course within the master Economics
Institutional Investments and ALM	4	6	E_FIN_IIALM	Ceased within master EOR	No; follow the course within the master Finance
Intermediate Microeconomics	1	3	E_EC_INTMMIE	Ceased within master EOR	No; follow the course within the master Economics
Marketing Strategy	2	6	E_MKT_MSTRAT	Ceased within master EOR	No; follow the course within the master Marketing
Regional and Urban Economics	2	6	E_STR_RUE	Ceased within master EOR	No; follow the course within the master Spatial, Transport and Environmental Economics
Research Project Economics	3	6	E_EC_RPEC	Ceased within master EOR	No; follow the course within the master Economics
Stochastic Processes for Finance and Derivatives Markets	2	6	E_FIN_SPFDM	Ceased	Yes, week 7, P1

MSc Entrepreneurship

(none)

MSc Finance

Curriculum 2024-2025						Curriculum 2025-2026					
Specialization				Type of Change	Resit	Replacing new specialization					
Climate Finance			E_FIN_CLF	Name	No	Climate and Sustainable Finance					
Duisenberg Honours Programme in Corporate Finance			E_FIN_DSCF	Name	No	Honours Programme in Corporate Finance					
Duisenberg Honours Programme in Finance and Technology			E_FIN_DSFT	Name	No	Honours Programme in Finance and Technology					
Duisenberg Honours Programme in Quantitative Finance			E_FIN_DSQF	Name	No	Honours Programme in Quantitative Finance					
Course		Period	EC	Course code	Type of Change	Resit	Replacing new course		Period	EC	Course code
Stochastic Processes for Finance and Derivatives Markets		2	6	E_FIN_SPFDM	Ceased	Yes Week 7, P1	Only offered within EM_EOR, choose a different elective				

MSc Marketing

Curriculum 2024-2025						Curriculum 2025-2026			
Specialization name				Type of Change	Resit	New specialization name			
Sustainability and Social Impact				Name	No	Consumer Marketing for Business and Society			
Course	Period	EC	Course code	Type of Change	Resit	Replacing new course	Period	EC	Course code
Thesis Marketing	Ac. yr	18	E_MKT_THS	Course code	No	Thesis Marketing, spec BCM Thesis Marketing, spec CMBS Thesis Marketing, spec DMA			E_MKT_BCMT E_MKT_THCBS E_MKT_DMAT

MSc Spatial, Transport and Environmental Economics

(none)

MSc Transport and Supply Chain Management

(none)

Appendix VII

Overview of the programmes

ACCOUNTING AND CONTROL - full time

Serious games need good scorekeeping



1	2	3	4	5	6
Accounting, Control and Society E_ACC_ACS 6 EC Corporate Reporting E_ACC_CREP 6 EC	Data Analytics for Accounting and Control E_ACC_DAAC 6 EC Management Control E_ACC_MC 6 EC		Governance, Regulation and Compliance E_ACC_GRC 6 EC		
Graduation Project - Portfolio E_ACC_GP18			Graduation Project - Thesis E_ACC_GP18		
Choose minimum 2 courses from 7 Financial-Economic Crime R_FinEcCrim 6 EC, Dutch Advanced Auditing E_ACC_AA 6 EC Advanced Corporate Finance for Accounting and Control E_ACC_ACFAC 6 EC Advanced Management Accounting E_ACC_AMA 6 EC Making Sustainability Accountable E_ACC_MSA 6 EC Information Risk Management E_ACC_IRM 6 EC Profit Taxation in the Global Economy E_ACC_PTGE 6 EC					

► Core

► Electives



Mandatory Courses

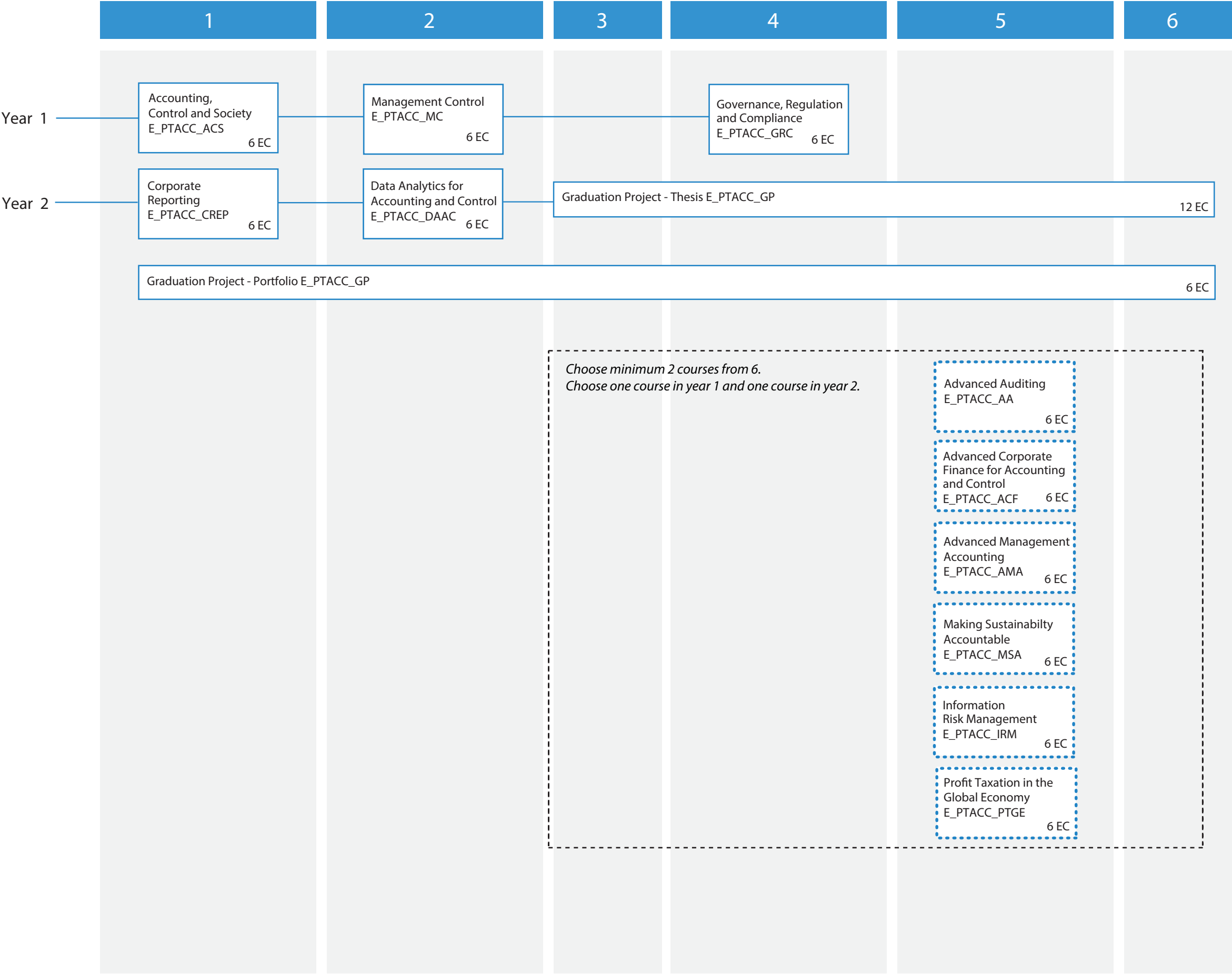


Elective Courses

ACCOUNTING AND CONTROL - part time - September

Serious games need good scorekeeping

► Core



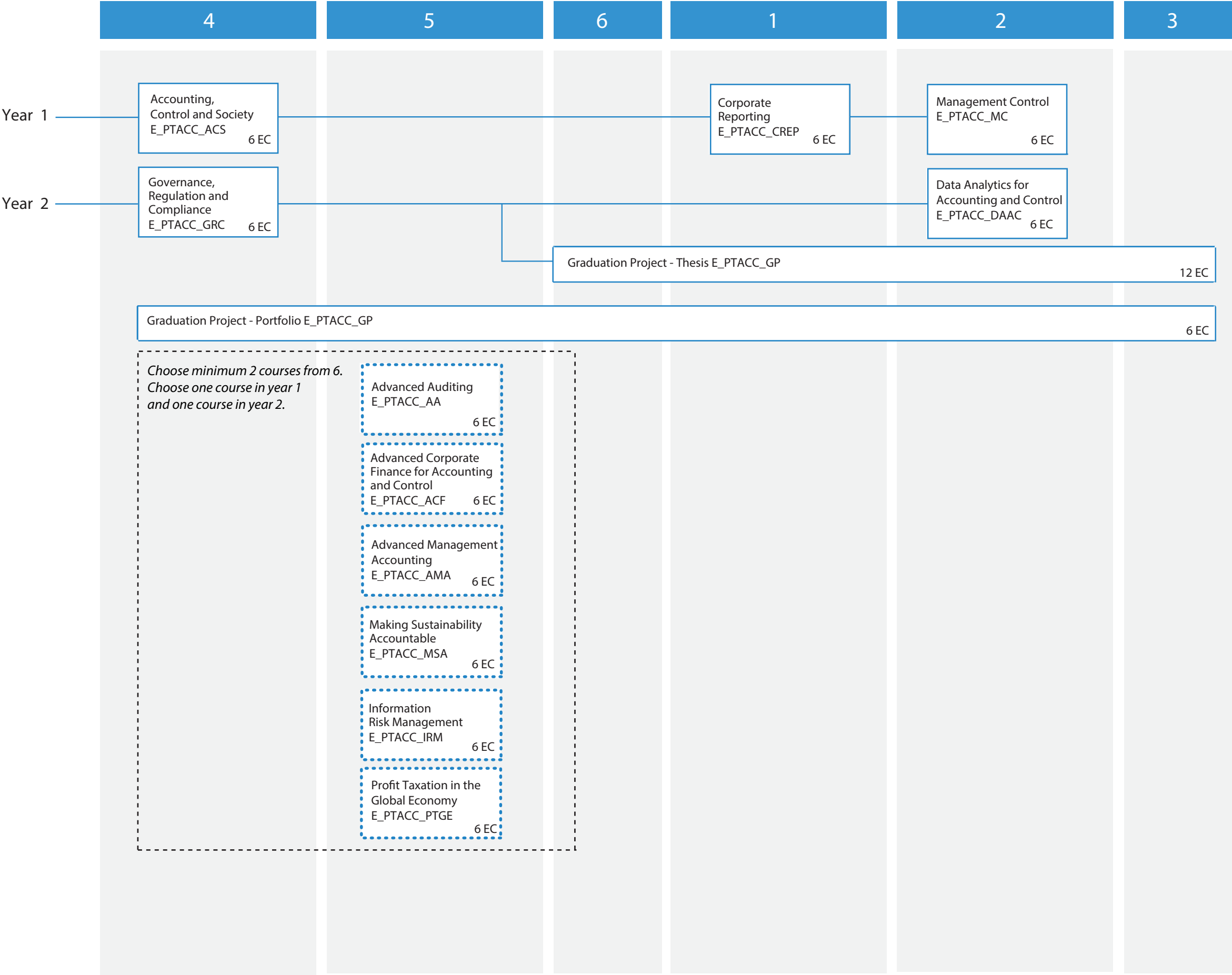
Electives

ACCOUNTING AND CONTROL - part time - February

Serious games need good scorekeeping



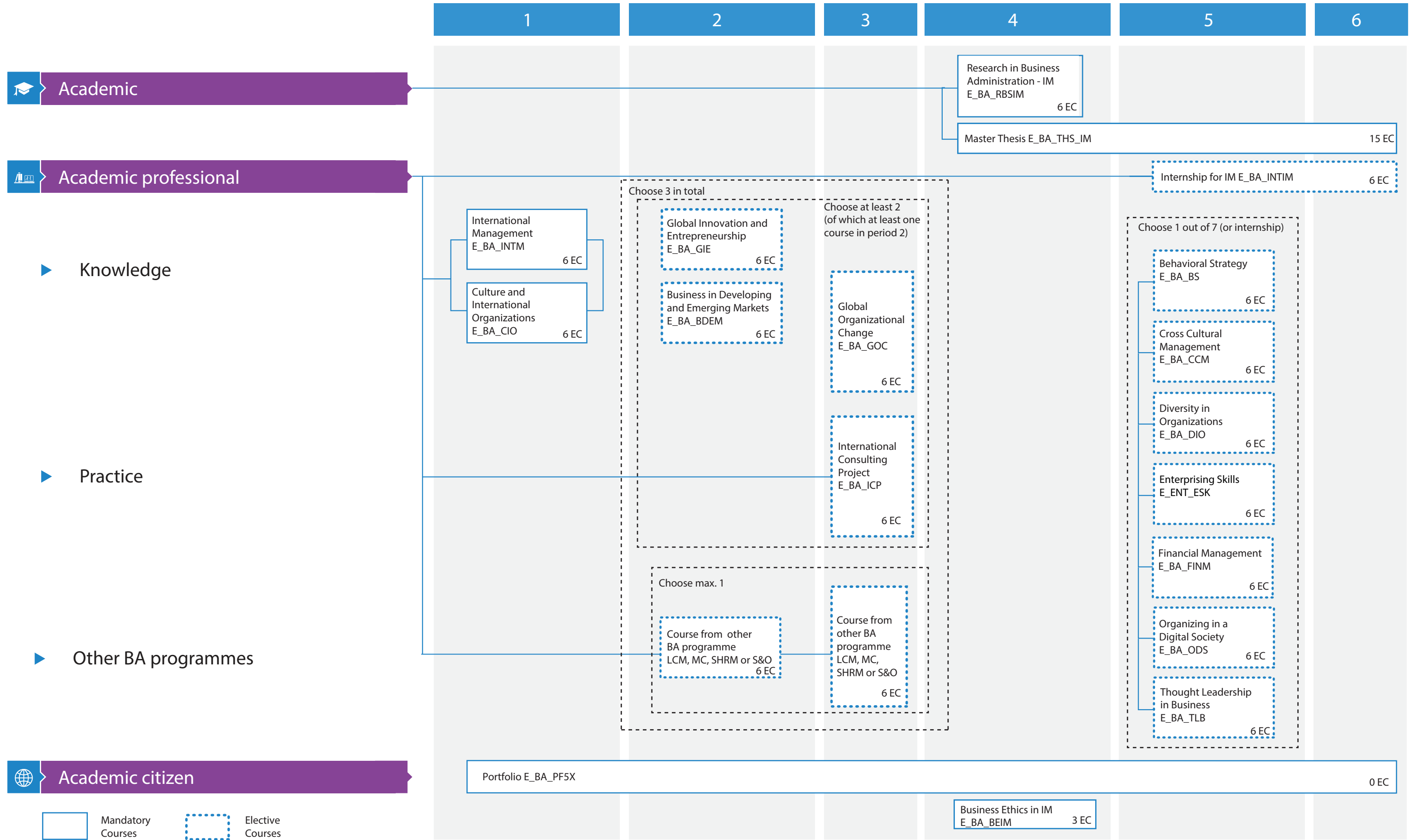
► Core



Mandatory Courses Elective Courses

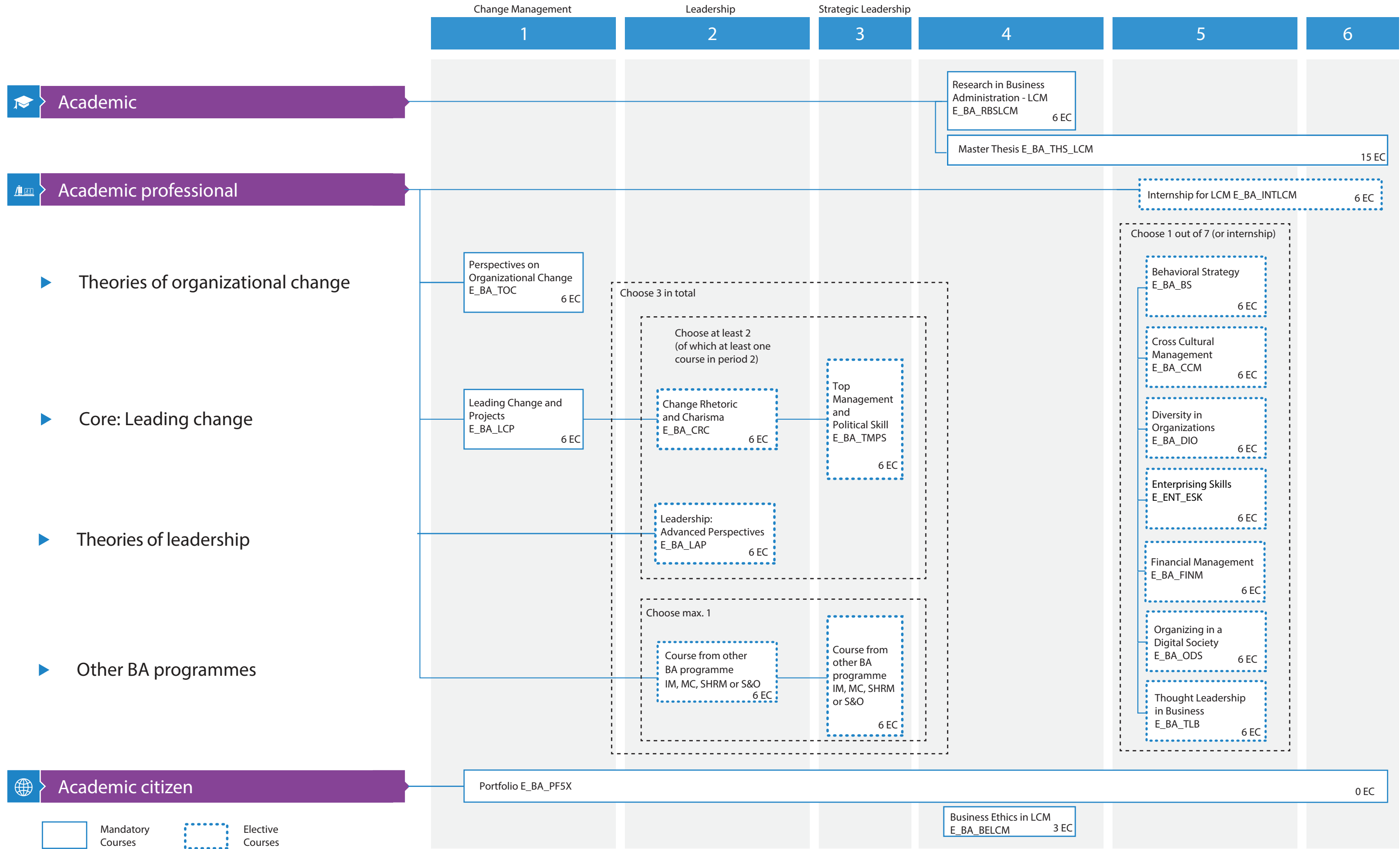
INTERNATIONAL MANAGEMENT

Developing tomorrow’s global business leaders



LEADERSHIP AND CHANGE MANAGEMENT

A compass for change adventurers

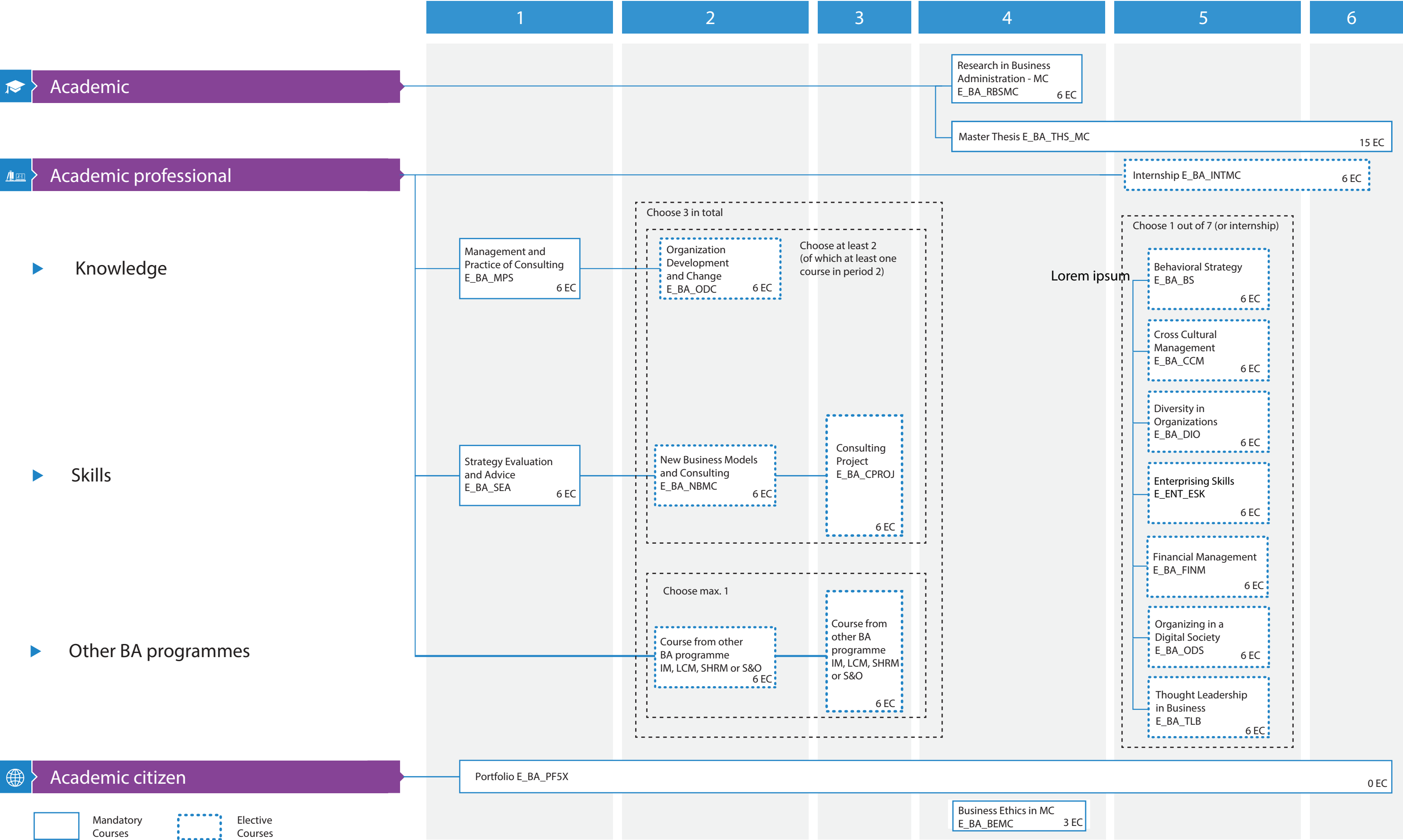


Mandatory Courses

Elective Courses

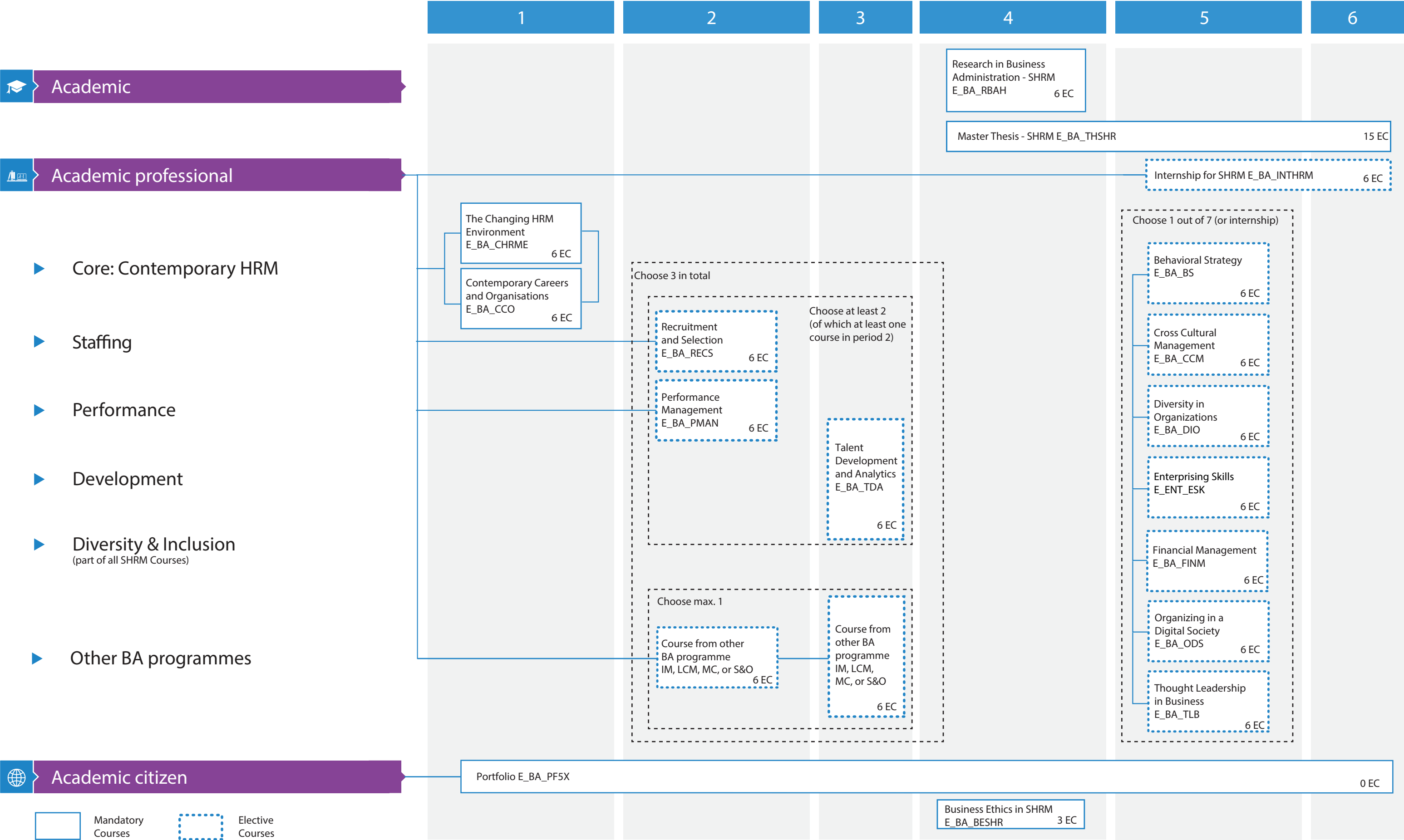
MANAGEMENT CONSULTING

Combine consultant skills with an academic mindset



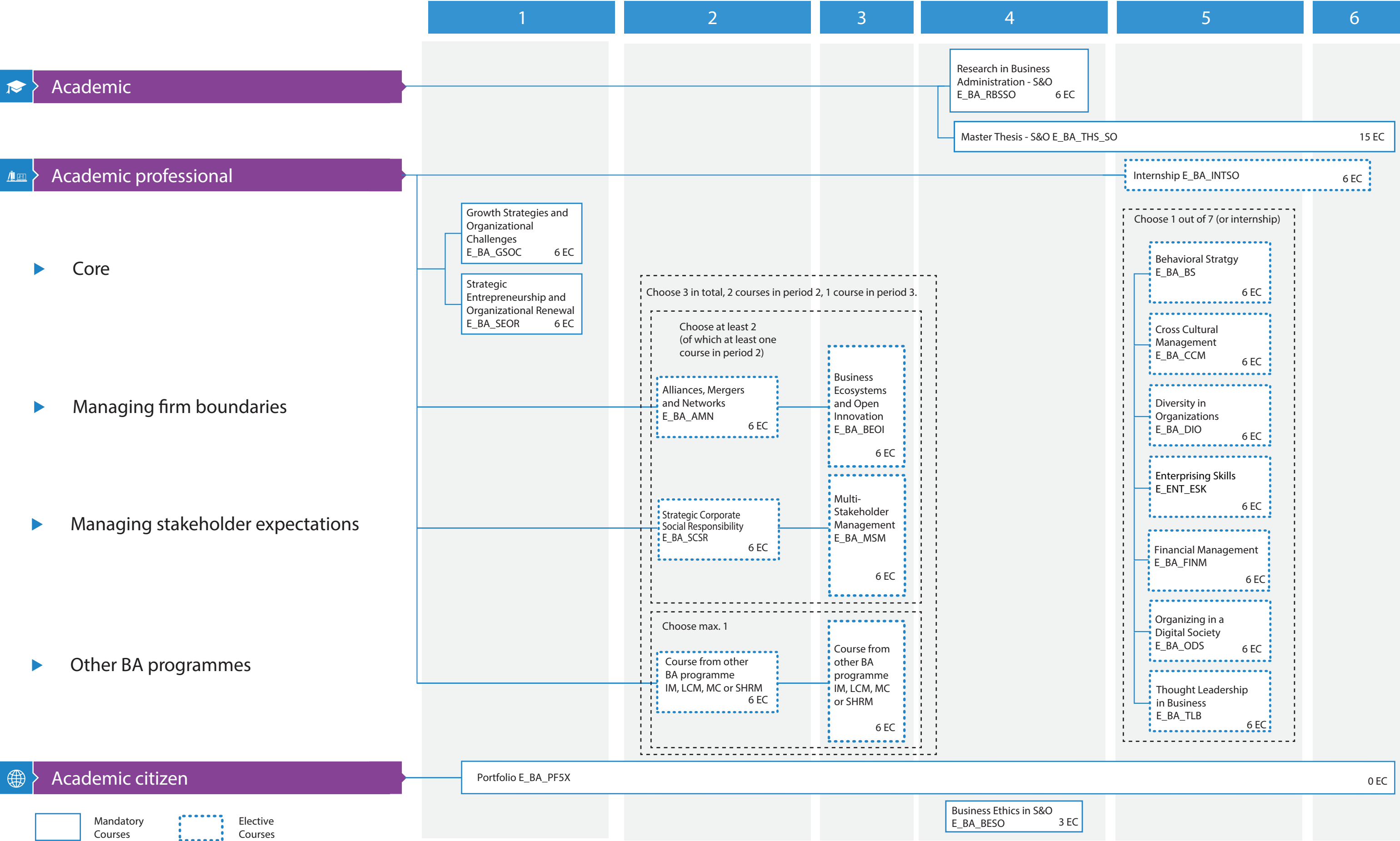
STRATEGIC HUMAN RESOURCE MANAGEMENT

Mobilizing People



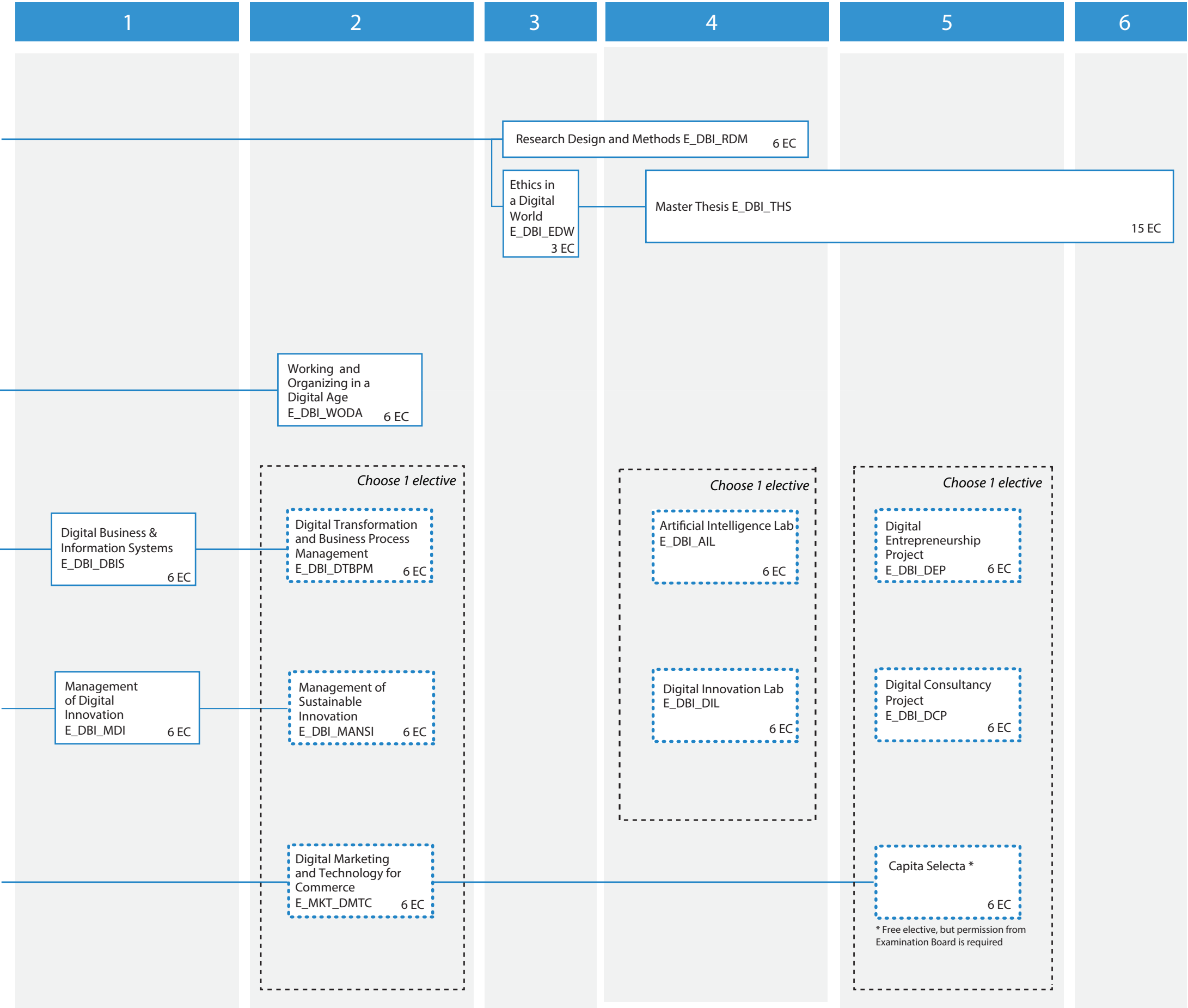
STRATEGY AND ORGANIZATION

Competing in Dynamic Markets



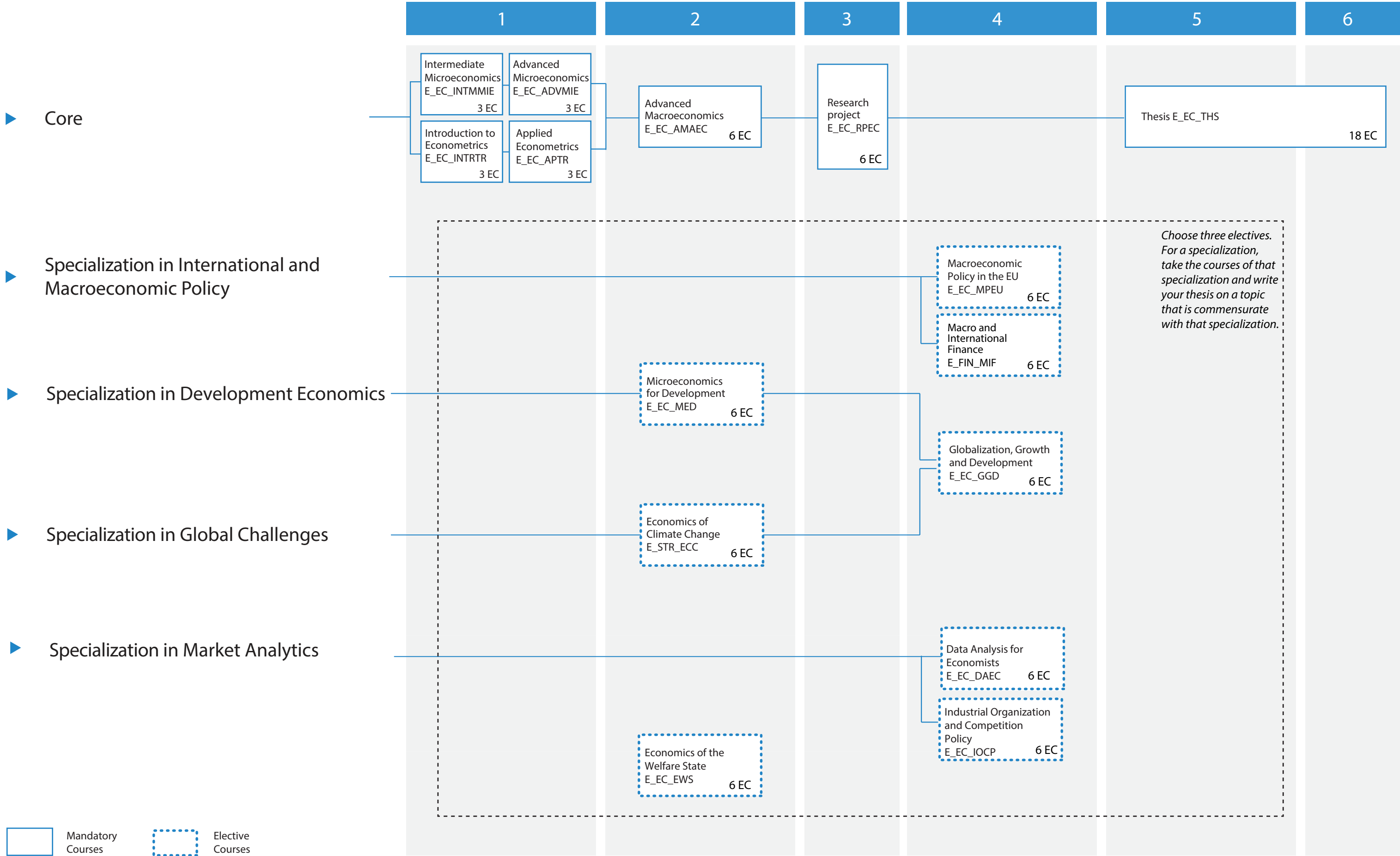
DIGITAL BUSINESS AND INNOVATION

Meet the business challenges of the digital age



ECONOMICS

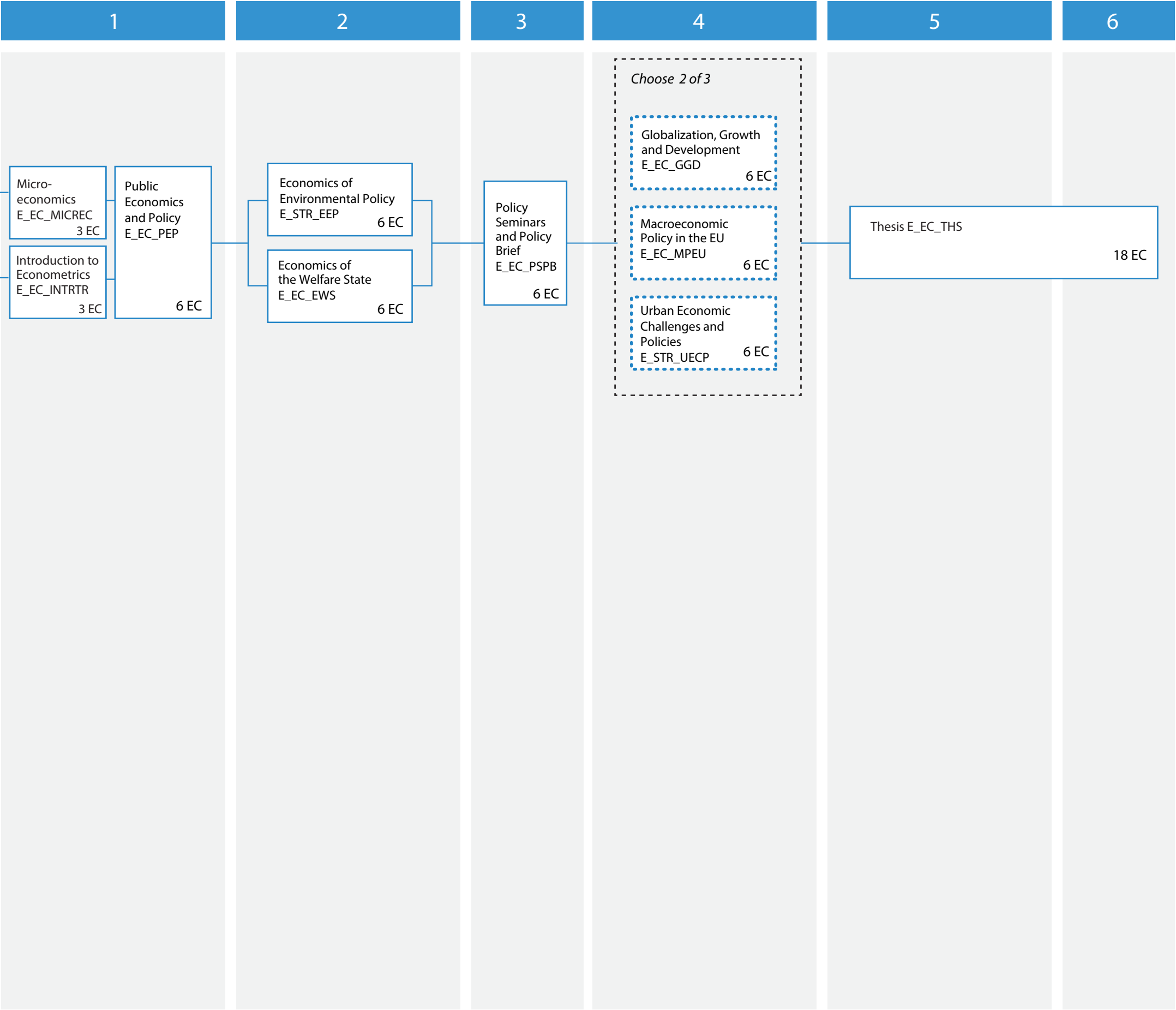
Solving the challenges of tomorrow



PUBLIC POLICY

Designing policy to deal with great societal challenges

► Core



Mandatory Courses



Elective Courses

ENTREPRENEURSHIP (Joint degree)

Become more entrepreneurial



	1	2	3	4	5	6
Core	The Entrepreneurial Individual (UvA) E_ENT_TEI 6 EC The Entrepreneurial Venture (VU) E_ENT_TEV 6 EC	The Startup Project (UvA) E_ENT_TSP 6 EC	Venture Challenge (UvA) E_ENT_VC 6 EC	International Entrepreneurship (VU) E_ENT_IENT 6 EC Thesis Proposal Entrepreneurship (VU) E_ENT_TPE 6 EC	Thesis (VU/UvA) E_ENT_THS/ E_ENT/THSU 12 EC	
Electives		Choose 1 of 4 specialization courses Corporate Entrepreneurship (VU) E_ENT_CENT 6 EC Creative Entrepreneurship (UvA) E_ENT_CE 6 EC Entrepreneurship in Science and Technology (UvA) E_ENT_EST 6 EC Social Entrepreneurship (VU) E_ENT_SENT 6 EC			Choose 1 of 6 electives or internship Behavioral Strategy (VU) E_BA_BS 6 EC Corporate Venturing (UvA) E_ENT_CV 6 EC Cross Cultural Management (VU) E_BA_CCM 6 EC Enterprising Skills (VU) E_ENT_ESK 6 EC Entrepreneurial Finance (UvA) E_ENT_EF 6 EC Managing Creativity (UvA) E_ENT_MC 6 EC Entrepreneurial Internship E_ENT_INT 6 EC	

School of Business and Economics
Vrije Universiteit Amsterdam

Amsterdam Business School
University of Amsterdam

Mandatory Courses

Elective Courses

CLIMATE ECONOMETRICS

► Core

► Specialization courses

► Elective courses

0	1	2	3	4	5	6
Preparation course: Econometrics Summer Workshop 0 EC	Advanced Econometrics E_EORM_AECTR 6 EC	Multivariate Econometrics E_EORM_MVE 6 EC	Climate Econometrics Case Study E_EORM_CECS 6 EC	Climate Data Science E_EORM_CDS 6 EC	Master Thesis - Econometrics E_EORM_THSTR 18 EC	
			Choose at least 1 of 2 core courses	Big Data Statistics E_EORM_BDS 6 EC Time Series Models E_EORM_TSM 6 EC		
	Choose 1 elective if you choose 2 optional core courses Choose 2 electives if you choose 1 optional core course Causal Inference and Machine Learning E_EORM_CIML 6 EC Climate Impacts and Policy AM_1240 6 EC Climate Systems AM_1124 6 EC	Advanced Financial Econometrics E_EORM_AFE 6 EC Climate Hydrological Processes AM_1196 6 EC Economics of Climate Change E_STR_ECC 6 EC		AI for Data Driven Decision Making E_EORM_AIDM 6 EC Environmental and Resource Economics E_STR_ERE 6 EC		

ECONOMETRICS AND DATA SCIENCE

► Core

► Specialization courses

► Elective courses

0	1	2	3	4	5	6
Preparation course: Econometrics Summer Workshop 0 EC	Advanced Econometrics E_EORM_AECTR 6 EC Causal Inference and Machine Learning E_EORM_CIML 6 EC	Multivariate Econometrics E_EORM_MVE 6 EC	Case Study in Econometrics and Data Science E_EORM_CSEDS 6 EC	Big Data Statistics E_EORM_BDS 6 EC	Master Thesis - Econometrics E_EORM_THSTR 18 EC	
	Choose 2 electives Evolutionary Computing X_400111 6 EC	Advanced Financial Econometrics E_EORM_AFE 6 EC Optimization and Learning via Stochastic Gradient Search E_EORM_OLSGS 6 EC		AI for Data Driven Decision Making E_EORM_AIDM 6 EC Climate Data Science E_EORM_CDS 6 EC Time Series Models E_EORM_TSM 6 EC	Data Mining Techniques X_400108 6 EC	



Mandatory
Courses



Elective
Courses



Voluntary
Course

FINANCIAL ECONOMETRICS

► Core

► Specialization courses

► Elective courses

0	1	2	3	4	5	6
Preparation course: Econometrics Summer Workshop 0 EC	Advanced Econometrics E_EORM_AECTR 6 EC	Multivariate Econometrics E_EORM_MVE 6 EC Advanced Financial Econometrics E_EORM_AFE 6 EC	Financial Econometrics Case Study E_EORM_FECS 6 EC	Time Series Models E_EORM_TSM 6 EC	Master Thesis - Econometrics E_EORM_THSTR 18 EC	
	Choose 2 electives Causal Inference and Machine Learning E_EORM_CIML 6 EC Quantitative Investing E_FIN_QI* 6 EC Stochastic Processes: the Fundamentals E_FIN_SPFUN 6 EC *You are not allowed to take both Quantitative Investing and Advanced Asset Pricing	Advanced Asset Pricing* E_FIN_AAP 6 EC		AI for Data Driven Decision Making E_EORM_AIDM 6 EC Big Data Statistics E_EOR_BDS 6 EC Climate Data Science E_EORM_CDS 6 EC Derivatives E_FIN_DER 6 EC	Quantitative Financial Risk Management E_FIN_QFRM 6 EC	



Mandatory
Courses



Elective
Courses



Voluntary
Course

CLIMATE ECONOMETRICS - HONOURS PROGRAMME

- Core
- Specialization courses
- Elective courses

0	1	2	3	4	5	6
Preparation course: Econometrics Summer Workshop 0 EC	Advanced Econometrics E_EORM_AECTR 6 EC Causal Inference and Machine Learning E_EORM_CIML 6 EC	Multivariate Econometrics E_EORM_MVE 6 EC	Climate Econometrics Case Study E_EORM_CECS 6 EC Choose at least 1 of 2 core courses	Climate Data Science E_EORM_CDS 6 EC Big Data Statistics E_EORM_BDS 6 EC Time Series Models E_EORM_TSM 6 EC		Master Thesis - Econometrics Honours E_EORM_THHPE 24 EC
	Choose 4 electives in total. You may also complete both Big Data Statistics and Time Series Models, and then choose 3 additional electives.					
	Choose at least 2 specialization electives					
	Climate Impacts and Policy AM_1240 6 EC Climate Systems AM_1124 6 EC	Advanced Financial Econometrics E_EORM_AFE 6 EC Climate Hydrological Processes AM_1196 6 EC Economics of Climate Change E_STR_ECC 6 EC		AI for Data Driven Decision Making E_EORM_AIDM 6 EC Environmental and Resource Economics E_STR_ERE 6 EC Derivatives E_FIN_DER 6 EC		Data Mining Techniques X_400108 6 EC
	Evolutionary Computing X_400111 6 EC Quantitative Investing* E_FIN_QI 6 EC	Advanced Asset Pricing* E_FIN_AAP 6 EC Optimization and Learning via Stochastic Gradient Search E_EORM_OLSGS 6 EC			*You are not allowed to take both Quantitative Investing and Advanced Asset Pricing	

Mandatory
Courses

Elective
Courses

Voluntary
Course

ECONOMETRICS - HONOURS PROGRAMME

► Core

► Specialization courses

► Elective courses

Mandatory Courses

Elective Courses

Voluntary Course

0	1	2	3	4	5	6
Preparation course: Econometrics Summer Workshop 0 EC	Advanced Econometrics E_EORM_AECTR 6 EC Causal Inference and Machine Learning E_EORM_CIML 6 EC	Multivariate Econometrics E_EORM_MVE 6 EC	Case Study in Econometrics and Data Science E_EORM_CECS 6 EC	Big Data Statistics E_EORM_BDS 6 EC Time Series Models E_EORM_TSM 6 EC	Master Thesis - Econometrics Honours E_EORM_THHPE 24 EC	
Choose 4 electives in total						
Choose at least 2 courses						
*You are not allowed to take both Quantitative Investing and Advanced Asset Pricing						

BUSINESS ENGINEERING AND DATA-DRIVEN DECISION MAKING

Become the expert on optimizing business processes with advanced analytical methods

- Core
- Specialization course
- Elective courses

1	2	3	4	5	6
Combinatorial Optimization E_EORM_COPT 6 EC	Optimization and Learning via Stochastic Gradient Search E_EORM_OLSGS 6 EC	Operations Research Case E_EORM_ORC 6 EC	Optimization and Multiagent Systems E_EORM_OMS 6 EC AI for Data Driven Decision Making E_EORM_AIDM 6 EC	Thesis - Operations Research E_EORM_THSOR 18 EC	
Advanced Econometrics E_EORM_AECTR 6 EC Advanced Machine Learning XM_0010 6 EC Causal Inference and Machine Learning E_EORM_CIML 6 EC TI BDS Decomposition Methods E_EORM_TIDM 6 EC TI BDS Heuristic Optimization Methods E_EORM_TIHO 6 EC Applied Stochastic Modelling X_400392 6 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Algorithms Beyond the Worst Case (ABWC), Discrete Optimization (DO), Continuous Optimization (CO) 6 EC	Advanced Financial Econometrics E_EORM_AFE 6 EC Deep Learning XM_0083 6 EC Dynamic Programming and Reinforcement Learning XM_0093 6 EC Machine Learning for Finance E_FIN_MLF 6 EC Multivariate Econometrics E_EORM_MVE 6 EC Performance of Networked Systems X_405105 6 EC		Big Data Statistics E_EORM_BDS 6 EC Climate Data Science E_EORM_CDS 6 EC Optimization of Business Processes X_400422 6 EC Time Series Models E_EORM_TSM 6 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Advanced Linear Programming (ALP), Queuing Theory (QT), Scheduling (SCH) 6 EC	Choose the remaining 2 courses from this general elective list	* Permission from the Examination Board is required

Mandatory Courses

Elective Courses



FINANCIAL ENGINEERING

Become the expert on analyzing and designing financial products

	1	2	3	4	5	6
► Core	Combinatorial Optimization E_EORM_COPT 6 EC	Optimization and Learning via Stochastic Gradient Search E_EORM_OLSGS 6 EC	Operations Research Case E_EORM_ORC 6 EC	Optimization and Multiagent Systems E_EORM_OMS 6 EC	Thesis - Operations Research E_EORM_THSOR 18 EC	
► Specialization courses	Econometrics for Quantitative Finance E_FIN_EQF 6 EC Stochastic Processes: the Fundamentals E_FIN_SPFUN 6 EC			Derivatives E_FIN_DER 6 EC	Quantitative Financial Risk Management E_FIN_QFRM 6 EC Choose (at least) 2 courses out of 4 specialization courses	
► Elective courses	Advanced Econometrics E_EORM_AECTR 6 EC Advanced Machine Learning XM_0010 6 EC Causal Inference and Machine Learning E_EORM_CIML 6 EC TI BDS Decomposition Methods E_EORM_TIDM 6 EC TI BDS Heuristic Optimization Methods E_EORM_TIHO 6 EC Applied Stochastic Modelling X_400392 6 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Algorithms Beyond the Worst Case (ABWC), Discrete Optimization (DO), Continuous Optimization (CO) 6 EC	Advanced Financial Econometrics E_EORM_AFE 6 EC Deep Learning XM_0083 6 EC Dynamic Programming and Reinforcement Learning XM_0093 6 EC Machine Learning for Finance E_FIN_MLF 6 EC Multivariate Econometrics E_EORM_MVE 6 EC Performance of Networked Systems X_405105 6 EC		AI for Data Driven Decision Making E_EORM_AIDM 6 EC Big Data Statistics E_EORM_BDS 6 EC Climate Data Science E_EORM_CDS 6 EC Time Series Models E_EORM_TSM 6 EC Optimization of Business Processes X_400422 6 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Advanced Linear Programming (ALP), Queuing Theory (QT), Scheduling (SCH) 6 EC	If you choose 2 specialization courses, choose the remaining course from this general elective list * Permission from the Examination Board is required	

Mandatory Courses

Elective Courses

QUANTITATIVE LOGISTICS

Shaping supply chain networks in an interconnected world

- Core
- Specialization courses
- Elective courses

1	2	3	4	5	6
Combinatorial Optimization E_EORM_COPT6 EC	Optimization and Learning via Stochastic Gradient Search E_EORM_OLSGS6 EC	Operations Research Case E_EORM_ORC6 EC	Optimization and Multiagent Systems E_EORM_OMS6 EC	Thesis - Operations Research E_EORM_THSOR18 EC	
Operations and Supply Chain Management E_TSCM_OSCM6 EC	Geographical Information Systems E_STR_GIS6 EC Transport Economics E_STR_TREC6 EC		Supply Chain Lab E_TSCM_SCL6 EC	Choose (at least) 2 courses out of 4 specialization courses	
Advanced Econometrics E_EORM_AECTR6 EC Advanced Machine Learning XM_00106 EC Causal Inference and Machine Learning E_EORM_CIML6 EC TI BDS Decomposition Methods E_EORM_TIDM6 EC TI BDS Heuristic Optimization Methods E_EORM_TIHO6 EC Applied Stochastic Modelling X_4003926 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Algorithms Beyond the Worst Case (ABWC), Discrete Optimization (DO), Continuous Optimization (CO)6 EC	Advanced Financial Econometrics E_EORM_AFE6 EC Deep Learning XM_00836 EC Dynamic Programming and Reinforcement Learning XM_00936 EC Machine Learning for Finance E_FIN_MLF6 EC Multivariate Econometrics E_EORM_MVE6 EC Performance of Networked Systems X_4051056 EC		AI for Data Driven Decision Making E_EORM_AIDM6 EC Big Data Statistics E_EORM_BDS6 EC Climate Data Science E_EORM_CDS6 EC Time Series Models E_EORM_TSM6 EC Optimization of Business Processes X_4004226 EC Option to choose courses* from LNMB, see http://www.lnmb.nl/pages/courses/mastercourses. Example courses: Advanced Linear Programming (ALP), Queuing Theory (QT), Scheduling (SCH)6 EC	If you choose 2 specialization courses, choose the remaining course from this general elective list * Permission from the Examination Board is required	

Mandatory Courses

Elective Courses

CLIMATE AND SUSTAINABLE FINANCE

How does climate effect financial decision making?

	1	2	3	4	5	6
Core	Empirical Finance E_FIN_EF 6 EC Climate Impacts and Policy AM_1240 6 EC	Climate Finance E_FIN_CLIFI 6 EC Climate Risk Assessments for the Financial Sector E_FIN_CRAFS 6 EC	Research Project E_FIN_RPFIN 6 EC	Internship E_MSS_INTS 0 EC	Master Thesis - CSF E_FIN_THCLF 15 EC	
	Personal Development for Finance Professionals E_FIN_PDFP 3 EC					
Electives		Choose 2 courses Sustainable Finance and Investments E_FIN_SFI 6 EC		Climate Dynamics and Processes AM_1230 6 EC Corporate Social Responsibility and Governance E_FIN_CSRG 6 EC Corporate Valuation for Finance E_FIN_CVF 6 EC Financial Sector Regulation E_FIN_FSR 6 EC Humanity and Climate AM_1057 6 EC Imaging and Assessing Landscapes AM_1183 6 EC Institutional Investments & Asset Liabilty Mgmt E_FIN_IIALM 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC The Future of Capitalism E_FIN_TFC 6 EC		

FINANCE

Can you compute the price of Google?



	1	2	3	4	5	6
	Empirical Finance E_FIN_EF 6 EC Advanced Corporate Finance E_FIN_ACF 6 EC	Advanced Asset Pricing E_FIN_AAP 6 EC Financial Markets and Institutions E_FIN_FMI 6 EC	Research Project for Finance E_FIN_RPFIN 6 EC	Internship E_MSC_INTS 0 EC	Master Thesis E_FIN_THS15 15 EC	
	Personal Development for Finance Professionals E_FIN_PDFP 3 EC					
	Choose 2 courses					
Investments				Credit, Complexity and Systemic Risk E_FIN_CCSR 6 EC Derivatives E_FIN_DER 6 EC Institutional Investments & Asset Liability Mgmt E_FIN_IIALM 6 EC Behavioral Finance E_FIN_BF 6 EC Corporate Social Responsibility and Governance E_FIN_CSRG 6 EC Corporate Valuation for Finance E_FIN_CVF 6 EC Economics of Payment Systems E_FIN_EPS 6 EC The Future of Capitalism E_FIN_TFC 6 EC Macro and International Finance E_FIN_MIF 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC Urban Economic Challenges and Policies E_STR_UACP 6 EC	Quantitative Financial Risk Management E_FIN_QFRM 6 EC	
Corporate Finance						
Institutional Finance						Blockchain and Digital Currencies E_FIN_BDC 6 EC
Real Estate Finance		Real Estate Economics E_STR_REEC 6 EC				

► Core

► Electives

Investments

Corporate Finance

Institutional Finance

Real Estate Finance



Mandatory Courses



Elective Courses

FINANCIAL MANAGEMENT

No business without financial management, no financing without a solid business case



► Core

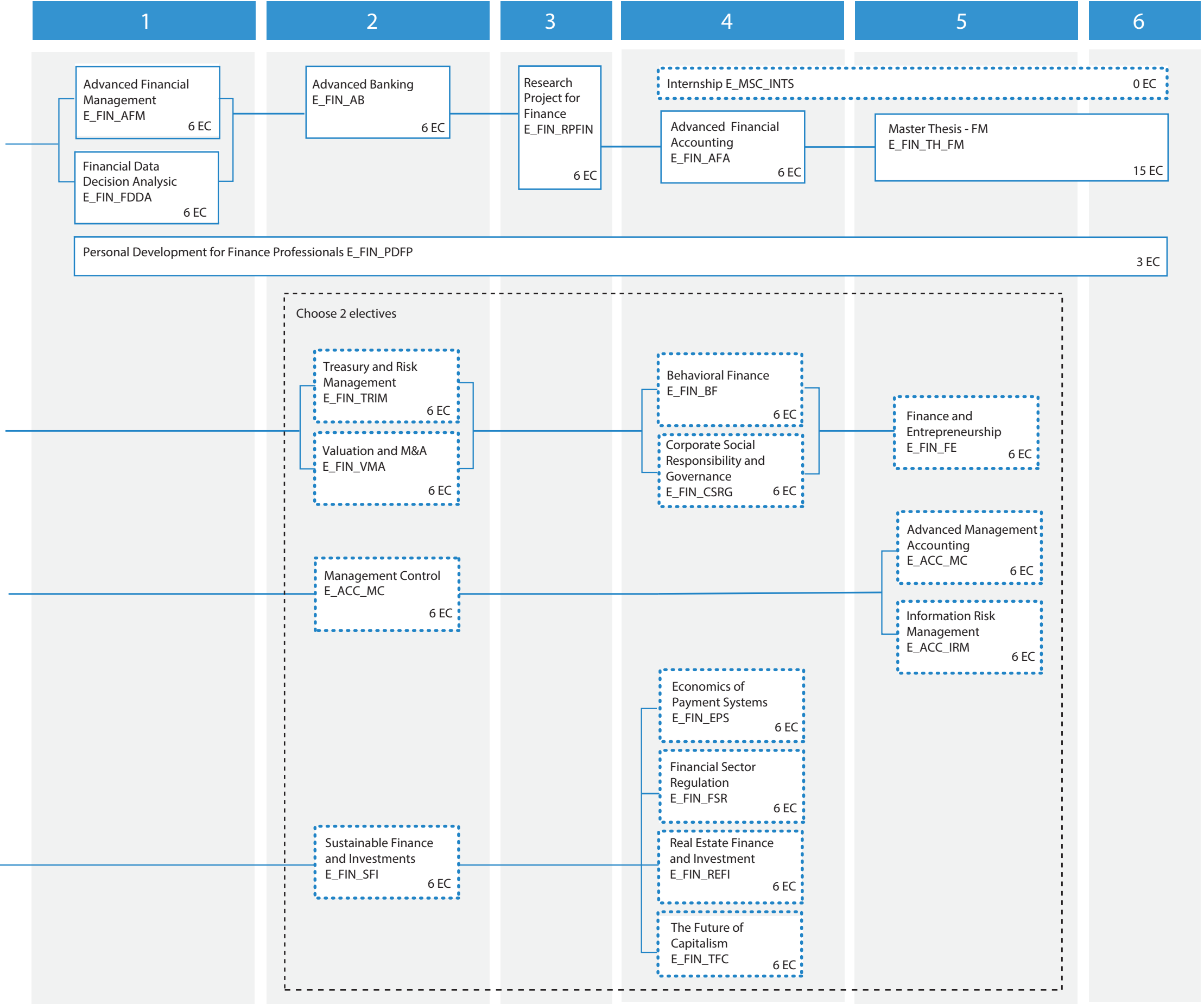
► Corporate Finance

► Accounting

► Banking and Investments

Mandatory Courses

Elective Courses



HONOURS PROGRAMME IN CORPORATE FINANCE

A multi-disciplinary perspective on Corporate Finance

► Core

► Electives

1	2	3	4	5	6
Corporate Finance: Theory and Empirics E_FIN_CFTE6 EC Corporate Reporting E_ACC_CREP6 EC Financial Data Decision Analysis E_FIN_FDDA6 EC	Advanced Banking E_FIN_AB6 EC Valuation and M&A E_FIN_VMA6 EC Choose 1 out of 3 Management Control E_ACC_MC6 EC or Sustainable Finance and Investments E_FIN_SFI6 EC or Treasury and Risk Management E_FIN_TRIM6 EC	Research Project for Finance E_FIN_RPFIN6 EC	Internship E_MSC_INTS0 EC Corporate Social Responsibility and Governance E_FIN_CSRG6 EC	Master Thesis - HP - CF E_FIN_THS_CF15 EC	
Personal Development for Finance Professionals E_FIN_PDFP3 EC					
			Behavioral Finance E_FIN_BF6 EC Derivatives E_FIN_DER6 EC Economics of Payment Systems E_FIN_EPS6 EC Financial Sector Regulation E_FIN_FSR6 EC Real Estate Finance and Investment E_FIN_REFI6 EC The Future of Capitalism E_FIN_TFC6 EC	Choose 3 electives Advanced Management Accounting E_ACC_AMA6 EC Finance and Entrepreneurship E_FIN_FE6 EC Information Risk Management E_ACC_IRM6 EC	



Mandatory
Courses



Elective
Courses

HONOURS PROGRAMME IN FINANCE AND TECHNOLOGY

Become the financial professional of the future



► Core

► Electives

1	2	3	4	5	6
Advanced Corporate Finance E_FIN_ACF 6 EC Empirical Finance E_FIN_EF 6 EC Python for Finance E_FIN_PFIN 6 EC	Advanced Asset Pricing E_FIN_AAP 6 EC Banking and FinTech E_FIN_BFINT 6 EC Machine Learning for Finance E_FIN_MLF 6 EC	Research Project for Finance E_FIN_RPFIN 6 EC	Internship E_MSC_INTS 0 EC Financial Sector Regulation E_FIN_FSR 6 EC	Thesis MSc Finance - HP - FT E_FIN_TFT15 15 EC	
Personal Development for Finance Professionals E_FIN_PDFP 3 EC					
			Choose 3 of 6 courses Algorithmic Trading E_FIN_ALGT 6 EC Credit, Complexity and Systemic Risk E_FIN_CCSR 6 EC Derivatives E_FIN_DER 6 EC Economics of Payment Systems E_FIN_EPS 6 EC	Blockchain and Digital Currencies E_FIN_BDC 6 EC Data Mining Techniques X_400108 6 EC	

Mandatory Courses

Optional

HONOURS PROGRAMME IN QUANTITATIVE FINANCE

How to become a quantitative financial professional?



► Core

► Electives

1	2	3	4	5	6
Econometrics for Quantitative Finance E_FIN_EQF 6 EC Quantitative Investing E_FIN_QI 6 EC Stochastic Processes: the Fundamentals E_FIN_SPFUN 6 EC	Machine Learning for Finance E_FIN_MLF 6 EC Quantitative Investing II E_FIN_QINV2 6 EC	Research Project for Finance E_FIN_RPFIN 6 EC	Internship E_MSC_INTS 0 EC Credit Complexity and Systemic Risk E_FIN_CCSR 6 EC Institutional Investments and Asset Liability Management E_FIN_IIALM 6 EC	Master Thesis - HP - QF E_FIN_THQF 15 EC Quantitative Financial Risk Management E_FIN_QFRM 6 EC	
Personal Development for Finance Professionals E_FIN_PDFP 3 EC					
Choose 2 courses Evolutionary Computing X_400111 6 EC Dynamic Programming and Reinforcement Learning XM_0093 6 EC Financial Markets and Institutions E_FIN_FMI 6 EC Quantum Computing XMM_0013 8 EC Behavioral Finance E_FIN_BF 6 EC Derivatives E_FIN_DER 6 EC Financial Sector Regulation E_FIN_FSR 6 EC Macro and International Finance E_FIN_MIF 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC Time Series Models E_EORM_TSM 6 EC Blockchain and Digital Currencies E_FIN_BDC 6 EC Data Mining Techniques X_400108 6 EC Machine Learning for the Quantified Self XM_40012 6 EC					

Mandatory Courses

Elective Courses

MARKETING

Prove yourself where it matters



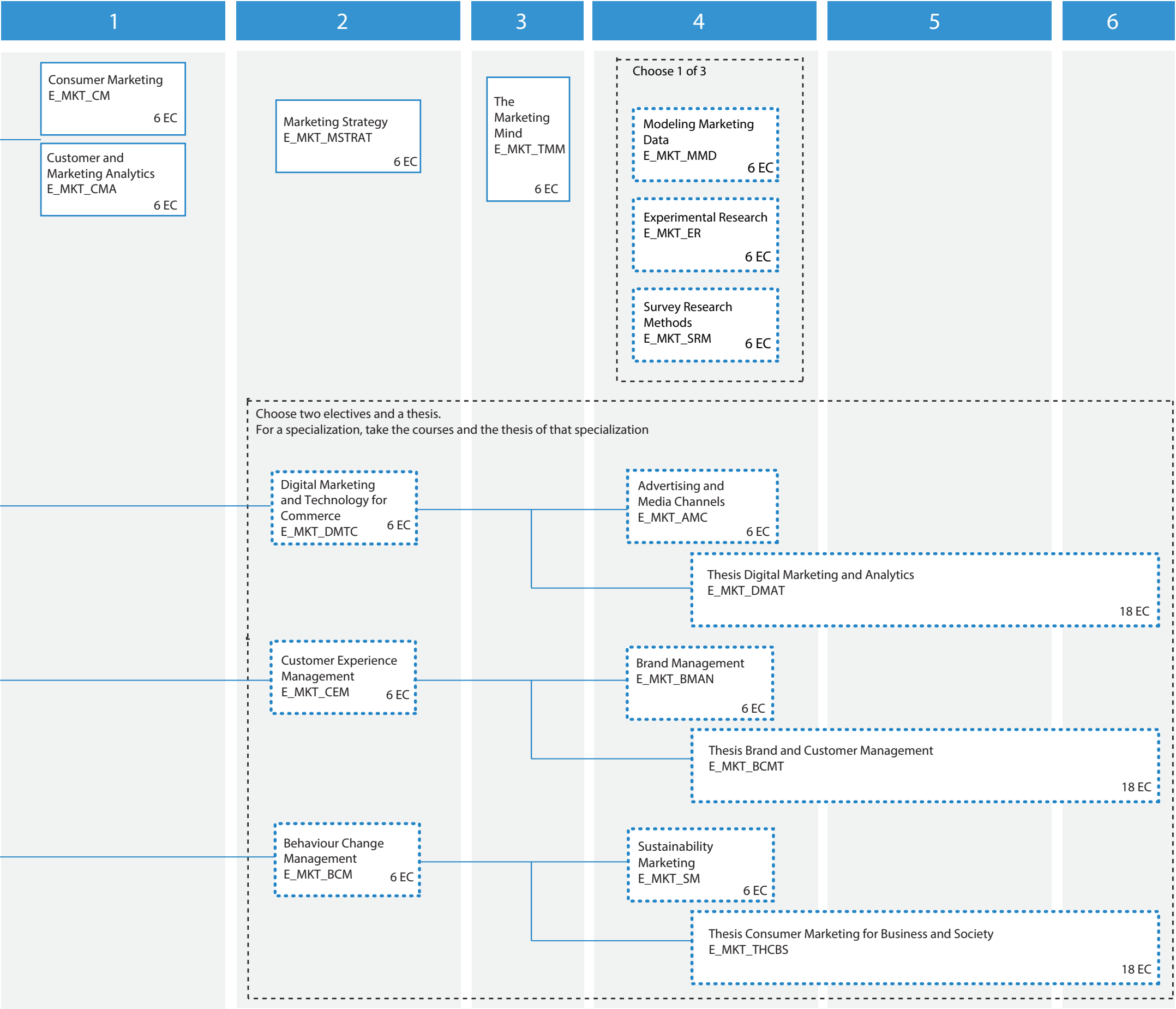
► Core

► Specializations

► Digital Marketing and Analytics

► Brand and Customer Management

► Consumer Marketing for Business and Society



Mandatory Courses

Elective Courses

ENVIRONMENTAL ECONOMICS

Understanding the economic and spatial aspects of the great societal challenges in managing local and global environments, natural resources and the transition from fossil fuels to renewable energy.

	1	2	3	4	5	6
Core	Introduction to Econometrics E_EC_INTRTR 3 EC Applied Econometrics for Spatial Economics E_STR_AESE 3 EC Microeconomics economics * E_EC_MICREC 3 EC or Intermediate Microeconomics E_EC_INTMMIE 3 EC Microeconomics for Spatial Economics E_STR_MESE 3 EC	Economics of Climate Change E_STR_ECC 6 EC	Research project E_STR_RPSEC 6 EC	Environmental and Resource Economics E_STR_ERE 6 EC	Master Thesis E_STR_THS 18 EC	Internship E_MSC_INTS 0 EC
Recommended electives		Transport Economics E_STR_TREC 6 EC Economics of Environmental Policy E_STR_EEP 6 EC		Choose 2 courses ** Urban Economic Challenges and Policies E_STR_UECP 6 EC		
Other electives		Geographical Information Systems E_STR_GIS 6 EC Real Estate Economics E_STR_REEC 6 EC Regional and Urban Economics E_STR_RUE 6 EC		Data Analytics for Economists E_EC_DAEC 6 EC Empirical Transport Economics E_STR_ETE 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC		
	* The programme recommends this course over the course Intermediate Micro-economics	** You may also choose one course from another specialization within the master Spatial, Transport and Environmental Economics				
	Portfolio					0 EC

▶ Core

▶ Recommended elective

► Other electives

1	2	3	4	5	6
Introduction to Econometrics E_EC_INTRTR 3 EC Applied Econometrics for Spatial Economics E_STR_AESE 3 EC Microeconomics economics * E_EC_MICREC 3 EC Microeconomics for Spatial Economics E_STR_MESE 3 EC Intermediate Microeconomics E_EC_INTMMIE 3 EC	Real Estate Economics E_STR_REEC 6 EC	Research project E_STR_RPSEC 6 EC	Real Estate Finance and Investment E_FIN_REFI 6 EC	Master Thesis E_STR_THS 18 EC	
	Regional and Urban Economics E_STR_RUE 6 EC		Urban Economic Challenges and Policies E_STR_UECP 6 EC	Internship E_MSC_INTS 0 EC	
	Economics of Climate Change E_STR_ECC 6 EC		Data Analytics for Economists E_EC_DAEC 6 EC		
	Economics of Environmental Policy E_STR_EEP 6 EC		Empirical Transport Economics E_STR_ETE 6 EC		
	Geographical Information Systems E_STR_GIS 6 EC		Environmental and Resource Economics E_STR_ERE 6 EC		
	Transport Economics E_STR_TREC 6 EC		Institutional Investments and Asset Liability Management E_FIN_IALM 6 EC		
* The programme recommends this course over the course Intermediate Micro-economics					
Portfolio					0 EC

TRANSPORT ECONOMICS

Understanding the economics of the great societal challenges in urban and international transport, mobility and accessibility



	1	2	3	4	5	6
Core	Introduction to Econometrics E_EC_INTRTR 3 EC Applied Econometrics for Spatial Economics E_STR_AESE 3 EC Microeconomics economics * E_EC_MICREC 3 EC Microeconomics for Spatial Economics E_STR_MESE 3 EC Intermediate Microeconomics E_EC_INTMMIE 3 EC	Transport Economics E_STR_TREC 6 EC	Research project E_STR_PRSEC 6 EC	Empirical Transport Economics E_STR_ETE 6 EC	Master Thesis E_STR_THS 18 EC	
Recommended electives		Regional and Urban Economics E_STR_RUE 6 EC		Choose 2 courses ** Airline Business E_TSCM_AIRB 6 EC	Internship E_MSC_INTS 0 EC	
Other electives		Economics of Climate Change E_STR_ECC 6 EC Economics of Environmental Policy E_STR_EEP 6 EC Geographical Information Systems E_STR_GIS 6 EC Real Estate Economics E_STR_REEC 6 EC		Data Analytics for Economists E_EC_DAEC 6 EC Environmental and Resource Economics E_STR_ERE 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC Urban Economic Challenges and Policies E_STR_UECP 6 EC		
	* The programme recommends this course over the course Intermediate Micro-economics	** You may also choose one course from another specialization within the master Spatial, Transport and Environmental Economics. In case you choose the recommended course Airline Business, you are not allowed to choose both Network Analysis and Data Analytics for Economists.				
	Portfolio					0 EC

Mandatory Courses

Elective Courses

URBAN AND REGIONAL ECONOMICS

Regions, cities and buildings: Understanding the spatial and economic dimensions of urbanization, agglomeration, and regional decline and development



► Core

► Recommended electives

► Other electives

1	2	3	4	5	6
Introduction to Econometrics E_EC_INTRTR 3 EC Applied Econometrics for Spatial Economics E_STR_AESE 3 EC Microeconomics economics * E_EC_MICREC 3 EC Microeconomics for Spatial Economics E_STR_MESE 3 EC or Intermediate Microeconomics E_EC_INTMMIE 3 EC	Regional and Urban Economics E_STR_RUE 6 EC Real Estate Economics E_STR_REEC 6 EC Geographical Information Systems E_STR_GIS 6 EC Economics of Climate Change E_STR_ECC 6 EC Network Analysis # E_TSCM_NA 6 EC Economics of Environmental Policy E_STR_EEP 6 EC Transport Economics E_STR_TREC 6 EC	Research project E_STR_PRSEC 6 EC	Urban Economic Challenges and Policies E_STR_UECP 6 EC Empirical Transport Economics E_STR_ETE 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC Environmental and Resource Economics E_STR_ERE 6 EC Airline Business # E_TSCM_AIRB 6 EC Data Analytics for Economists # E_EC_DAEC 6 EC	Master Thesis E_STR_THS 18 EC Internship E_MSC_INTS 0 EC Choose 2 courses **	Portfolio 0 EC

* The programme recommends this course over the course Intermediate Micro-economics

** You may also choose one course from another specialization within the master Spatial, Transport and Environmental Economics
Choose a maximum of one from Network Analysis, Airline Business, and Data Analytics for Economists

Mandatory Courses

Elective Courses

NO SPECIALIZATION



► Core

► Electives

1	2	3	4	5	6
Introduction to Econometrics E_EC_INTRTR 3 EC Applied Econometrics for Spatial Economics E_STR_AESE 3 EC Microeconomics economics * E_EC_MICREC 3 EC or Intermediate Microeconomics E_EC_INTMMIE 3 EC Microeconomics for Spatial Economics E_STR_MESE 3 EC	Choose 4 courses in total ** Choose at least 1 Economics of Climate Change E_STR_ECC 6 EC Real Estate Economics E_STR_REEC 6 EC Regional and Urban Economics E_STR_RUE 6 EC Transport Economics E_STR_TREC 6 EC Economics of Environmental Policy E_STR_EEP 6 EC Geographical Information Systems E_STR_GIS 6 EC Network Analysis E_TSCM_NA 6 EC	Research project E_STR_RPSEC 6 EC	Choose at least 1 Empirical Transport Economics E_STR_ETE 6 EC Environmental and Resource Economics E_STR_ERE 6 EC Real Estate Finance and Investment E_FIN_REFI 6 EC Urban Economic Challenges and Policies E_STR_UECP 6 EC Airline Business E_TSCM_AIRB 6 EC Data Analytics for Economists E_EC_DAEC 6 EC	Master Thesis E_STR_THS 18 EC Internship E_MSC_INTS 0 EC	Portfolio 0 EC

* The programme recommends this course over the course Intermediate Micro-economics

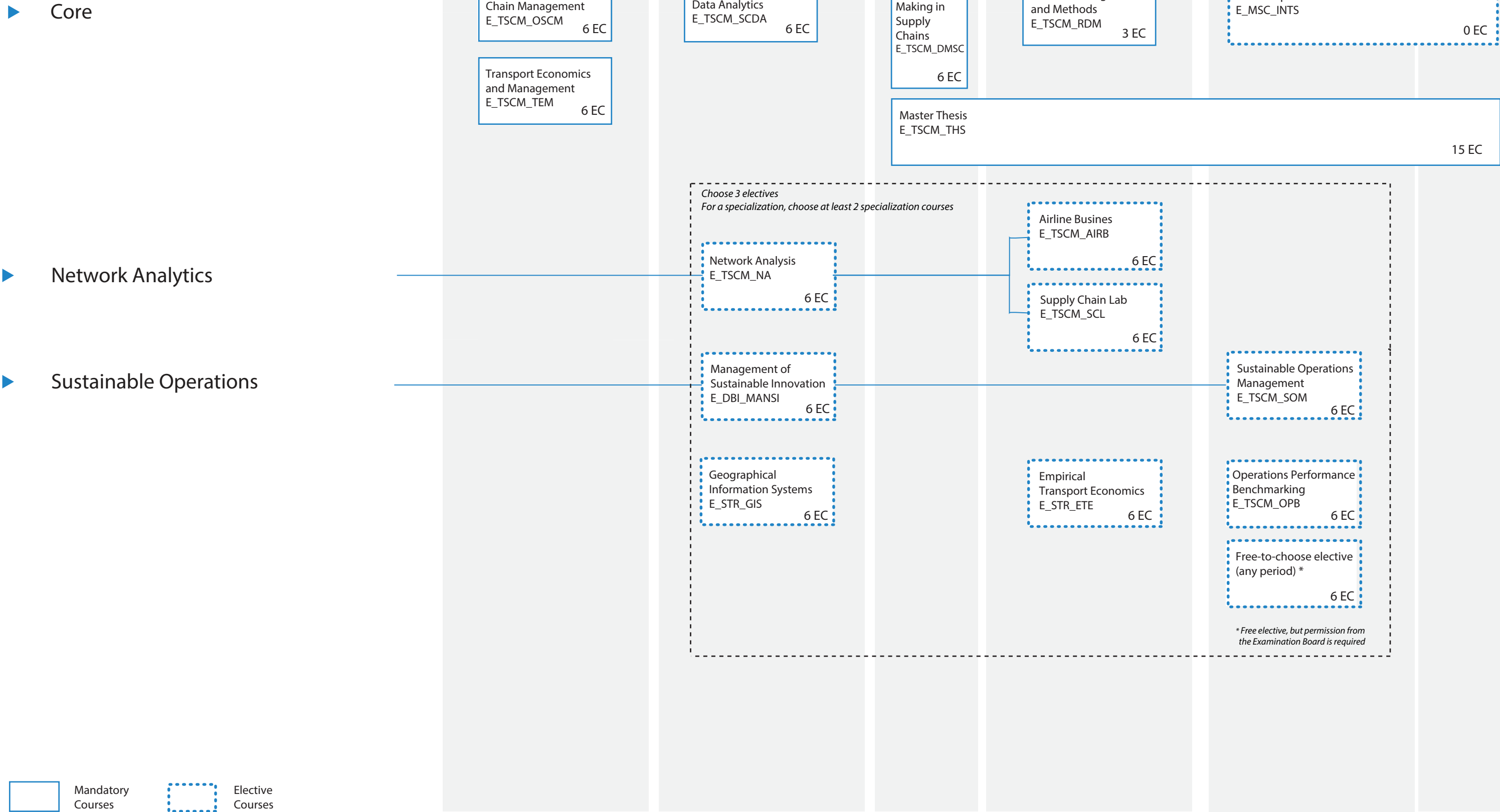
** Maximally one business course (Network Analysis, Airline Business, Data Analytics for Economists) is allowed

Mandatory Courses

Elective Courses

TRANSPORT AND SUPPLY CHAIN MANAGEMENT

Make data-driven decisions for transport & supply chain networks



Appendix VIII

Overview of admission requirements per degree programme

In paragraph 1 of article 7.2 is stated that students will be admitted to the degree programme if they hold a certificate of admission, issued by or on behalf of the Faculty Board because they have demonstrated that they meet the knowledge, understanding and skills requirements reflecting the final level of attainment in an academic Bachelor's degree programme in Economics, Econometrics and/or (International) Business Administration as stipulated in appendix VIII and the Admission requirements published on the website of the VU.

An outline of the required knowledge, understanding and skills per programme is indicated below while detailed specifications (such as studied literature, possible relevant course names) are published on the programme's admissions pages on the VU website.

Accounting and Control (excluding its pre-master's programme)

The master programme Accounting and Control is open to students with a university Bachelor's degree in economics, business or related disciplines. Apart from general academic and research skills, this programme should include quantitative research methods (statistics) of at least an intermediate level. A solid grounding in the discipline is necessary, which means that your programme must include a significant element (as an indication, at least 40-45 EC) of accounting and finance with much of it at least at intermediate level.

Business Administration

For admission to the master Business Administration, students are required to have successfully completed courses and studied literature related to the core of the programme/specialization with at least 10 EC in Research Methods and Statistics and 5 EC in Business Administration relevant coursework.

Digital Business and Innovation

Students must meet the following requirements: a university Bachelor's degree with demonstrable knowledge (obtained through relevant courses) of Information Systems, Innovation Management, Research Methods (apart from Statistics) and Business Administration.

Econometrics and Operations Research (EOR)

For the Economics Track of EOR students need a solid basis in mathematics, statistics and econometrics. In particular we expect that they have passed courses in mathematics (calculus, analysis), probability, mathematical statistics, and econometrics. A basic knowledge of computer programming is also required.

The Operations Research track of EOR, is open to students with a university Bachelor's degree that provides a thorough knowledge in mathematics. Additionally, they need to have successfully completed courses and studied literature related to the core of this programme, consisting of (or equivalents of): stochastic modelling, operations research and deterministic optimization. Besides these core courses, the requirements of admission are that the applicant has followed courses in Linear Algebra, Probability Theory, Analysis and Statistics at the level of our Bachelor EOR. Furthermore, it is important that students have experience with optimization and numerical programming in, for example, Python, R, Matlab, Java or C/C++.

Economics

The MSc programme Economics is open to students with a university Bachelor's degree in Economics or with Economics as a major subject. It is also open to students with a university Bachelor's degree in a quantitative field such as Mathematics, Statistics, and Physics that have demonstrable knowledge in microeconomics, macroeconomics and econometrics/statistics at the intermediate level.

Finance

The Master programme Finance, *specialisation Finance or Climate & Sustainable Finance*, is open to students with a university Bachelor's degree that provides a thorough knowledge in economics and business. They need to have successfully completed courses and studied literature related to the core of this programme at intermediate level, consisting of (or equivalents of) at least mathematics, statistics, investments and corporate finance. Prior knowledge at intermediate level of Financial Markets and Institutions is recommended.

The Master programme Finance, specialisation Financial Management, is open to students with a strong motivation and a university Bachelor's degree that provides a thorough knowledge in Financial Management, Corporate Finance or Accounting. They need to have successfully completed courses and studied literature related to the core of this programme at intermediate level, consisting of (or equivalents of) Financial Management, Financial Markets and Institutions, Business Statistics and Accounting.

For the Honours Programmes of the Master Finance the Faculty board also sets additional requirements, which are published on the website of the VU in line with article 7.3.

Marketing

The master programme Marketing is open to students with a university Bachelor's degree that provides a sufficient academic foundation in Marketing and Consumer Behaviour. Students are required to have successfully completed courses and studied literature related to the core of this programme, consisting of a) at least 18 EC of academic course work in Marketing and Consumer Behaviour, and b) at least 12 EC in Statistics (to a level of being able to use techniques such as (multiple) regression, ANOVA and factor analysis). Students should be able to both understand and apply these methods in marketing research. The Master's programme builds on this knowledge with more advanced statistical techniques. Experience with statistical software (e.g., SPSS, Jamovi, JASP or R) is expected.

Spatial, Transport and Environmental Economics

Spatial, Transport and Environmental Economics is open to students with a university Bachelor's degree that provides sufficient knowledge of microeconomics and a solid background in mathematics and statistics for economics.

Transport and Supply Chain Management

Transport Supply Chain Management is open to students with a university Bachelor's degree that provides a thorough knowledge of supply chain / operations management / operations research and economics. Students are expected to have: a fascination for analysing and solving real-life supply chain challenges, and solid background in Operations/Supply Chain Management and Economics, and proven empirical and analytical skills.