

Oncology / Personalized Medicine
List of Optional Courses (2022-2025)

Optional course	University	Course Coordinator	Course Code
Academic English: Remedial Writing for Master Students	Vrije Universiteit	drs. I.M.W. 't Hart MPhil	L_ETMAALG001
Advanced Machine Learning	Vrije Universiteit	prof. dr. Shandjai Bhulai	XM_0010
Advanced Molecular Immunology and Cell Biology	Vrije Universiteit	drs. K. Brouwer	AM_470656
Algorithms in sequence analysis	Vrije Universiteit	prof. dr. J. Heringa	X_405050
Bioethics, Technology and Law	Vrije Universiteit	prof. dr. mr. B.C. van Beers	R_BioTL
Business Management in Health and Life Sciences	Vrije Universiteit	drs. ing. E.M. Janse	AM_470584
Business, Innovation and Value Creation in the Life Science Industry	Vrije Universiteit	drs. P. van Hoorn	X_432723
Caput molecular biotechnology	Vrije Universiteit	dr. S. Luirink	AM_470604
Caput Protein Structure as Molecular Basis of Disease	Vrije Universiteit	dr. D. Bald	AM_470120
Caput RNA Biology	Vrije Universiteit	dr. E. Tutucci	AM_1208
Caput Structural Biology	Vrije Universiteit	dr. ir. Y.J.M. Bollen	AM_470607
Cardiac Development	Vrije Universiteit	Prof. dr. Roelof-Jan Oostra	M_CCARDE18
Cell structures and functions	Vrije Universiteit	dr. S. Luirink	AM_470615
Clinical cell biology	Universiteit van Amsterdam	dr. E.A.J. Reits	5234CLCB6Y
Clinical Development and Clinical Trials	Vrije Universiteit	drs. ing. E.M. Janse	AM_1180
Clinical immunology	Vrije Universiteit	drs. K. Brouwer	AM_470655
Clinical neurosciences	Vrije Universiteit	C. Vriend	AM_1005
Co-challenge: Life's professional challenges	Utrecht University	M.C. Gerbrands	BMB503717
Communication, Organization and Management	Vrij Universiteit Amsterdam	dr. E. Muniz Pereira Urias	AM_470572
Concepts in Chemical Biology	Universiteit van Amsterdam	prof. dr. T.N. Grossmann	XM_0080
Containment Strategies of Infectious Diseases in Global Context	Vrije Universiteit	D.R. Essink	AM_470127
Cursus proefdierkunde	Universiteit Utrecht	T.P. Rooymans	
Developmental biology	Vrije Universiteit	prof. dr. R.E. Koes	AM_470613
Developmental neurobiology of the vertebrate brain	Vrije Universiteit	dr. R.F.G. Toonen	AM_470713
Drug-induced stress and cellular responses	Vrije Universiteit	J.N.M. Commandeur	X_432536
Ethics in Global Health	Vrije Universiteit	dr. P. Klaassen MPhil	AM_1047
Ethics of Medical Research	Vrije Universiteit	R.C. Hastings	W_MASP_PBH2
Exercise and clinical immunology	Vrije Universiteit	dr. R.T. Jaspers	B_EXCLINIM
Experimental and Clinical Neuroendocrinology	Vrije Universiteit	prof. dr. M. den Heijer	AM_470700
Extreme biology	Vrije Universiteit	dr. ir. A.H. de Boer	AM_470509

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Finance for growth in health and life sciences	Vrije Universiteit	drs. ing. E.M. Janse	AM_1193
Fundamentals of bioinformatics	Vrije Universiteit	dr. ir. K.A. Feenstra	X_405052
Genomics	Universiteit van Amsterdam	dr. M.J. Jonker	5234GENO6Y
How to use animal-free innovations in biomedical research	Vrije Universiteit	Birgit Goversen	M_CAFIBIR23
Health, Globalisation and Human Rights	Vrije Universiteit		AM_470818
Introduction to R for Life Sciences	Utrecht University	Basten Snoek	BMB502219
Laboratory animal science	Universiteit Leiden	Prof. dr. ir. J.B. Prins	312200400Y
Laboratory animal science	Radboud Nijmegen	Merel Ritskes-Hoitinga	BM024D
Onderzoekschool Oncology Amsterdam (OOA) Oncology Graduate School Onderzoekschool Oncologie Amsterdam (ooa-graduateschool.org)		OOA is a joint graduate school of the Amsterdam UMC Cancer Center Amsterdam and Netherlands Cancer Institute, VU and UvA dedicated to the training of more than 1000 PhD students working in the field of Oncology	
Molecular and Computational Toxicology	Vrije Universiteit	Daan Geerke	
Molecular infection biology	Vrije Universiteit		AM_470657
Molecules of Life (MOL)	University of Leiden	Jeroen Codee, Dima Filippov	4423MOFL6 (MOL)
Moral Reasoning in Health Care	Vrije Universiteit	drs. S. Metselaar	W_MASP_PBH4
Nanomedicine	Utrecht University	Dr. R.J. (Robbert Jan) Kok	FA-MA218
Negotiation	Vrije Universiteit	dr. K. Fousiani	P_MNEGOTI
Nutrition in Health and Disease	Vrije Universiteit	dr. E. Leistra	AM_470841
Personalised Health and Medicine	Vrije Universiteit	prof. dr. A.H.M. Willemsen	P_MPHMED
Policy, Management and Organisation in International Public Health	Vrije Universiteit	M.O. Kok	AM_470819
Principles of Pharmaceutical Sciences / Pharmacochimistry	Vrije Universiteit	prof. dr. I.J.P. de Esch	X_435675
Proefdierkunde cursus: Artikel 9 op de Wet van de proefdieren Laboratory Animal Science (Animal Welfare) (amsterdamumc.org)	Universiteit van Amsterdam	Willemke Jong	PDK_AMC
NOTE: this course is at your own expense, it will not be reimbursed by us!			

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Protein science	Vrije Universiteit	D. Bald	AM_470145
Proteomics in Biomedical Research	Vrije Universiteit	Prof.dr.Connie Jimenez	M_CPROTBIO9
Proteomics/metabolomics	Universiteit van Amsterdam	dr. G. Kramer	5234PROT6Y
Radiation protection course level 5b	Vrije Universiteit	G.W.M. Visser BSc	M_ORADPRO04
Research methods for need assessments	Vrije Universiteit	D.R. Essink	AM_470817
Science and Communication	Vrije Universiteit	dr. C.A.C.M. Pittens MSc	AM_470587
Science and Society in Historical Perspective	Vrije Universiteit	dr. D.J. Beckers	X_400424
Science journalism	Vrije Universiteit	dr. J.F.H. Kupper	AM_471014
Signal transduction in health and disease	Vrije Universiteit	prof. dr. M.J. Smit	X_432535
Single Cell Technologies in Life Science	Vrije Universiteit	drs. K. Brouwer	AM_1224
Single-cell omics in Immunotherapy	Vrije Universiteit	drs. K. Brouwer	AM_1257
Societal entrepreneurship in health and life sciences	Vrije Universiteit	drs. ing. E.M. Janse	AM_470575
Statistics with R	Vrije Universiteit	dr. D Molenaar	X_418156
The Human Microbiome in Health and Disease	Vrije Universiteit	Prof. R. Kort	AM_1021
Transcriptomics	Universiteit van Amsterdam	dr. M.J. Jonker	5234TRAN6Y
Translational immunology	Vrije Universiteit	K. Brouwer	AB_1031
Women's cancers	Radboud University	dr. M.J.M. Broeders	MED-BMS71

The list provides courses which were followed by students in previous years

For an overview and more information on the courses provided by Vrije Universiteit, click the Study guide [link](#)