

Course Catalogue 2019-2020

EUC Course Catalogue 2019-2020

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Version May 2019

EUC reserves the right to make changes to the information represented in this Course Catalogue, please consult Canvas for up to date information regarding courses.

How to use the Course Catalogue

In order to graduate from the Liberal Arts & Sciences programme of Erasmus University College (EUC), a student needs to meet the graduation requirements as stated in the Academic Rules & Regulations (ARR) of the academic year in which the student started. The student must successfully complete nine mandatory Academic Core Courses at 100 level and three courses at 200 level in the first year, selected from the Course Catalogue (appendix of the ARR) of the academic year in which the student started. The student declares a major at the end of the first year, selected from the Course Catalogue of their second academic year. Declaring a minor is optional.

Programme of Studies Liberal Arts & Science (180 EC)		
100 level	Academic Core Courses	45 EC
200 / 300 level*	EUC major (at least 20 EC at 300 level)	75 EC**
400 level	Capstone	
200 / 300 level*	Choose from: EUC minors, EUR minors, EUC courses, exchange courses, off-campus courses	60 EC**

* Prerequisites may be required for 200 level and 300 level courses. Additionally, in order to follow 300 level courses a student must have already obtained at least 60 EC.

** The Pre-Med major consists of 85 EC. When a student declares the Pre-Med major the elective space consists of 50 EC. The Philosophy, Politics & Economics (PPE) major consists of 105 EC. When a student declares the PPE major the elective space consists of 30 EC.

Cohort 2019-2020 (Class of 2022)

Students of cohort 2019-2020 (Class of 2022) will use the Course Catalogue of 2019-2020 to select their electives for their first year in addition to their mandatory Academic Core Courses (one elective in Quad 2, one in Quad 3 and one in Quad 4). They can use the Catalogue to have a preview of what majors EUC has to offer. However, they should be aware that the major requirements for their cohort might be different from those in the 2019-2020 Catalogue. They will know their major requirements once the 2020-2021 Course Catalogue is published (expected May 2020).

Cohort 2018-2019 (Class of 2021)

Students of cohort 2018-2019 (Class of 2021) will use the Course Catalogue of 2019-2020 to check their major requirements as they start their major in the 2019-2020 academic year.

Cohort 2017-2018 (Class of 2020)

Students of cohort 2017-2018 (Class of 2020) will refer to the Course Catalogue of 2018-2019 for their major requirements. They should be aware that their chosen major may have been slightly adjusted (e.g. a certain course might no longer be offered and be replaced by another course). They should therefore use the Catalogue of 2019-2020 to see if there are any changes that affect their major. Students may be able to adopt the major requirements for cohort 2018-2019 or 2019-2020, but they would first need to file a request with the Examination Board for approval.

Previous cohorts

Students of previous cohorts must realise that due to curriculum changes over the years, they may not be able to graduate according to the major requirements stated in their Course Catalogue. If this is the case, they can file a motivated request to the Examination Board in which they propose

a variant of the major requirements in the Course Catalogue closest to their programme, explaining how they will deviate from the major requirements of their cohort. For approval of such a request the Examination Board will consult with the Head of Department.

How to use the Academic Rules & Regulations (ARR)

Each academic year the Examination Board publishes a new Academic Rules & Regulations (ARR). All changes apply to every student, apart from changes in articles 3.1 up to and including 3.11. These articles will remain in force, unchanged, from the start of his or her study for at least four years, unless the interests of the student are unreasonably harmed by this, as decided upon by the Dean of Erasmus School of Social Behavioural Sciences (ESSB), after advice of the Dean of EUC and the Examination Board (article 8.2).

- Students of cohort 2019-2020 (Class of 2022) will use the ARR of 2019-2020.
- Students of cohort 2018-2019 (Class of 2021) will use the ARR of 2019-2020, with the exception of articles 3.1 up to and including 3.11 of ARR 2018-2019.
- Students of cohort 2017-2018 (Class of 2020) will use the ARR of 2018-2019, with the exception of articles 3.1 up to and including 3.11 of ARR 2017-2018.
- Students of cohort 2016-2017 will use the ARR of 2018-2019, with the exception of articles 3.1 up to and including 3.11 of ARR 2016-2017.
- Students of cohort 2015-2016 will use the ARR of 2018-2019, with the exception of articles 3.1 up to and including 3.11 of ARR 2015-2016.
- Students of cohort 2014-2015 will use the ARR of 2018-2019, with the exception of articles 3.1 up to and including 3.11 of ARR 2014-2015.
- Students of cohort 2013-2014 will use the ARR of 2018-2019, with the exception of articles 3.1 up to and including 3.11 of ARR 2013-2014.

1. Curriculum overview

EUC curriculum 2019 - 2020 (May 2019)															
The nine ACC courses are mandatory and at 100 level. The courses below the dotted line are 200 level and are recommended to choose from in your first year at EUC.															
Quad 1			Quad 2				Quad 3			Quad 4					
ACC Big History	ACC Brain & Behaviour	ACC/Skills Academic Writing & Presentation	ACC Core Economics	ACC/Skills Research Methods & Design		ACC Man & Society	ACC/Skills Basic Statistics		ACC Modernity	ACC/Skills Project Development					
			General Biology	Highlights of Sociology	Mathematics	Revolutions in World History	Medical Ethics	Mathematics	The Climate Crisis	Life Support	International Relations	Mathematics			
			Basic Chemistry	Introduction to Law		Early Modern Political Philosophy				Introduction to Physics	EU as an International Actor	Principles of Management			
200 level courses															
Quad 1			Quad 2				Quad 3			Quad 4					
Biochemistry	Personality Psychology	Micro-economics	Critical Theory	Molecular & Cellular Biology	Clinical Psychology	Macro-economics	Understanding Contemporary Art	Human Physiology	Deviance	Foundations of Political Economy	Literature & Politics	Micro- & Immunobiology	Cognitive Psychology	Behavioural Economics	The Avant-Garde
Principles of Ecology	Public International Law	Leadership Studies	Images & Power	Molecular & Cellular Biology Lab	European Union Law	Strategy	Aesthetics & Politics (300 level)	Human Anatomy	International Human Rights Law	Corporate Finance	Late Modernity	Embryology & Developmental Biology	Political Institutions & Public Governance	Data Visualisation	Analysing Contemporary Literature
Computer Science M	Understanding Politics	Marketing		Systematic Musicology				Food & Nutrition	Developmental Psychology			Computer Science P	International Dispute Settlement	Principles of Econometrics	
Legal Academic Writing	Gender Equality in the Global Arena	Applied Game Theory			Skills Intermediate Statistics I					Skills Qualitative Research		Plant Biology & Diversity		Skills Intermediate Statistics II	
300 level courses															
Quad 1			Quad 2				Quad 3			Quad 4					
EUC Minor Think Green (15 EC)	EUC Minor International Relations & Human Rights Law (15 EC)		Multiple Modernities	Pathology & Pathogenesis III	Islam: a Political History	European Integration	Watching Film & Television	Pathology & Pathogenesis IV	Middle East Politics	Organisational Theory	Digital Cultures & Information Wars	Pathology & Pathogenesis V	Health Psychology	Economics of Markets & Organisations	Post-Colonial Theory
				Evolutionary Biology	Legal Psychology			Epidemiology & Global Health	Stratification	Entrepreneurship	Contemporary Political Philosophy	Genes, Brain & Society	EU Decision Making & Negotiation Techniques	International Business Environment & Governance	Feminist Philosophy
				Plant Physiology & Sustainable Agriculture	Conflict Resolution			Molecular & Clinical Genetics	Clinical Communications Skills	International Economics			Psychodiagnostics	HR Management	
Pathology & Pathogenesis I								Cognitive Neuroscience	International Criminal Law	Impact Evaluation			Individualisation & Globalisation	A Global View on Migration	
Pathology & Pathogenesis II									International Environmental & Energy Law	Security Studies			Narratives of Law & Justice	Study Exchange - Middle East (conditional)	Governing Healthy Cities
Clinical Reasoning & Consultation (5 EC, in Dutch) / Follow the Doctor (0 EC)															
Close Reading Nietzsche: The Gay Science (5 EC)															
EUR MINOR / Exchange						Capstone Thesis (15 EC)									
EUC reserves the right to make changes to the information represented above, please consult Canvas for up to date information regarding courses.															

2. Academic Calendar

Week	Day	Activity
2019		
Week 34	Monday 19/08/19 – Thursday 22/08/19	EUR EurekaWeek
Week 35	Monday 26/08/19 - Sunday 01/09/19	EUC Introductory period for autumn intake and incoming exchange students
Week 35 – 42	Monday 26/08/19 - Sunday 20/10/19	Quad 1 for 2 nd /3 rd students
Week 36 – 42	Monday 02/09/19 - Sunday 20/10/19	Quad 1 for 1 st year students
Week 43	Monday 21/10/19 - Sunday 27/10/19	Autumn Break
Week 44 – 51	Monday 28/10/19 - Sunday 22/12/19	Quad 2 <i>(do note: exams will take place on Sat, 21 Dec)</i>
Week 52 - 4	Monday 23/12/19 - Sunday 26/01/20	Winter Break
2020		
Week 4	Thursday 23/01/20 – Sunday 26/01/20	Introductory period for incoming exchange students
Week 5 – 12	Monday 27/01/20 – Sunday 22/03/20	Quad 3
Week 13	Monday 23/03/20 - Sunday 29/03/20	Spring Break
Week 14 – 22	Monday 30/03/20 - Sunday 31/05/20	Quad 4
Week 23 – 27	Monday 01/06/20 – Monday 06/07/20	Summer Term (including resits in week 25, 26, 27 and Monday of week 28)
Week 28 – 34	Tuesday 07/07/20 - Sunday 23/08/20	Summer Recess

The EUC building is closed on:

- Wednesday 25 December 2019 through Wednesday 1 January 2020
- Friday 10 April 2020 (Good Friday)
- Monday 13 April 2020 (Easter Monday)
- Monday 27 April 2020 (King's Day)
- Tuesday 5 May 2020 (Liberation Day)
- Thursday 21 May 2020 (Ascension Day)
- Monday 1 June 2020 (Whit Monday)

3. EUC majors

Overview EUC majors
<p>Interdepartmental</p> <ol style="list-style-type: none">1. Major Sustainability (LSC and ECB)2. Major Public & Global Health (LSC and SBS)3. Major Philosophy, Politics & Economics (105 EC) (HUM, ECB and SBS)
<p>Economics & Business Department (ECB)</p> <ol style="list-style-type: none">4. Major Economics5. Major Business6. Major Economics, Business & Society
<p>Humanities Department (HUM)</p> <ol style="list-style-type: none">7. Major Humanities8. Major Political Philosophy & Critical Theory9. Major Cultural Analysis
<p>Life Sciences Department (LSC)</p> <ol style="list-style-type: none">10. Major Life Sciences11. Pre-Med major (85 EC)12. Major Neuroscience13. Major Molecular & Cellular Biology
<p>Social & Behavioural Sciences Department (SBS)</p> <ol style="list-style-type: none">14. Major Psychology15. Major Political Science & International Relations16. Major Sociology17. Major International Law

3.1 Major Sustainability

The achievement of sustainability, or ‘the requirement of our generation to manage resources such that the average quality of life that we ensure ourselves can potentially be shared by all future generations’ (Asheim and Brekke, 1993) can be considered one of the main challenges of our times. For sustainability to be achieved, environmental, social and economic aspects all need to be in balance. However, the application of such an interdisciplinary approach to sustainability can be hindered by the mono-disciplinary approach of today’s highly specialised world. In this major, you will acquire the tools to think critically about the most pressing challenges of our time and the skills to find creative solutions for such challenges. Each course is embedded in an interdisciplinary framework that will guide you through different perspectives, from Life Sciences and Social Sciences to Economics and Humanities. In this major, you will develop research-oriented skills with a strong focus on solving complex multi-perspective and multi-disciplinary current issues. In particular, thanks to the emphasis given to the intrinsic relationships between humans and the natural environment, you will learn how natural and ecological systems work, how cities can be smart and sustainable, how policies and organisations contribute to sustainability, how the current ethical and historical perspectives influence the climate crisis, how plants are a foundation for people and life on our planet, how to generate prevention plans for health problems, how to include multiple perspectives when developing solutions and, finally, how laws and policies to protect the common environmental are generated.

Entry requirement

Students are allowed to enter this major when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Major coordinator: Dr A. Vasques (email: vasques@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Sustainability (75 EC)		
200 level	Principles of Ecology (LSC)	35 EC
	Applied Game Theory (INT)	
	Food & Nutrition (LSC)	
	The Climate Crisis (ECB/HUM)	
	Plant Biology & Diversity (LSC)	
	Political Institutions & Public Governance (SBS)	
	Intermediate Statistics I (INT)	
300 level	Epidemiology & Global Health (LSC)	5 EC
200 / 300 level	Choose from selected courses below*	20 EC
400 level	Capstone	15 EC

Choose 20 EC of which at least 15 EC in courses at 300 level:

200 level	300 level
-	EUR Minor Think Green: Ecological & Economic Perspectives for a Sustainable Environment (15 EC)
-	EUR Minor in the field of Sustainability that is approved by the Head of the Life Science Department (15 EC)
-	Plant Physiology & Sustainable Agriculture (<i>previously Plants for People, Plants for Life</i>)
Off campus / exchange courses approved by the Head of the Life Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.2 Major Public & Global Health (previously Global Health)

This major is intended for students who are interested in the health problems of communities and the actions that will protect or improve the lives of large numbers of individuals within communities. The work of public health professionals is distinct from the work of clinical professionals, who typically treat individuals with health problems. Public health actions often involve research and educational and/ or governmental approaches that protect communities, prevent diseases, and address issues such as obesity, smoking, and access to healthcare. The major is especially appropriate for students who wish to pursue advanced studies that would lead to research, project management, and leadership positions in governmental or non-governmental organisations that deal with current and emerging health concerns throughout the world.

Entry requirements

Students are allowed to enter this major when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Major coordinator: Dr M. Hartman (email: m.a.hartman@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Public & Global Health (75 EC)		
200 level	Food & Nutrition	25 EC
	Human Physiology	
	Qualitative Research	
	Intermediate Statistics I	
	Intermediate Statistics II	
300 level	Epidemiology & Global Health	20 EC
	Governing Healthy Cities	
	Health Psychology	
	Impact Evaluation	
200 /300 level	Choose from selected courses below	15 EC
400 level	Capstone	15 EC

Choose 15 EC from the following courses:

200 level	300 level
-	EUR minor Global Health (Erasmus MC, 15 EC, includes 6 weeks abroad)
-	EUR minor Public Health: de Gezonde Grote Stad (ESHPM, 15 EC, in Dutch)
Off campus / exchange courses approved by the Head of the Life Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.3 Major Philosophy, Politics & Economics

The major in Philosophy, Politics & Economics (PPE) is intended for students with a keen interest in diverse perspectives on contemporary issues. By combining courses from the departments of Humanities, Economics & Business and Social & Behavioural Sciences, students will gain insight in the various ways in which these respective disciplines frame and analyse, the social, economic and political developments that have shaped societies in the past and will continue to do so in the future. Throughout the major, students address themes that are pivotal to understanding today's world – from the emergence of industrial societies and the rise of network societies to micro- and macroeconomy and from globalisation and international relations to political economies and policy frameworks. Students also discuss the works of classical scholars such as Plato and Aristotle, Adam Smith and Karl Marx, Max Weber and Emile Durkheim, alongside various other key texts from the disciplines of philosophy, economy and social sciences.

The PPE major thus offers a comprehensive introduction to the core subjects in Politics, Philosophy and Economics, augmented by (interdisciplinary) courses on themes and subjects that cross the boundaries between these fields, as well as skills courses. To reflect this multi- and interdisciplinary nature, students are asked to choose from each discipline the following core courses, as well as 15 EC in electives from within the fields.

Entry requirement

For the PPE major it is required to have successfully completed the EUC course INT200 Mathematics.

Coordinator

Major coordinator: Dr R. van den Akker (email: vandenakker@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Philosophy, Politics & Economics (105 EC)		
200 / 300 level	Mandatory courses PPE	90 EC
	Mandatory Skill courses	
	Choose 3 courses from selection below, 1 from each field	
400 level	Capstone	15 EC

Mandatory courses PPE

Philosophy (25 EC)	Politics (25 EC)	Economics (25 EC)	Skills (15 EC)
Late Modernity (HUM, 200 level)	Understanding Politics (SBS, 200 level)	Microeconomics (ECB, 200 level)	Intermediate Stats I (INT, 200 level)
Critical Theory (HUM, 200 level)	International Relations (SBS, 200 level)	Macroeconomics (ECB, 200 level)	Qualitative Methods (INT, 200 level)
Contemporary Political Philosophy (HUM, 300 level)	Political Institutions & Public Governance (SBS, 200 level)	Foundations of Political Economy (INT, 200 level)	Intermediate Stats II (INT) or Principles of Econometrics (ECB) (200 level)
Aesthetics & Politics (HUM, 300 level)	Early Modern Political Philosophy (HUM, 200 level)	International Economics (ECB, 300 level)	-
5 EC from the selected Philosophy courses*	5 EC from the selected Politics courses*	5 EC from the selected Economics courses*	-

* Choose 3 courses, 1 from each field of which at least 5 EC at 300 level:

	Philosophy	Politics	Economics
200 level	The Climate Crisis: Ecology, Economics & Politics in the Anthropocene	-	Applied Game Theory
	-		Behavioural Economics
300 level	Feminist Philosophy: Bodies, Boundaries & Beyond	Conflict Resolution	Economics of Markets & Organisations
	Post-Colonial Theory: Critical Perspectives from the Global South	Security studies	Impact Evaluation
	Multiple Modernities: Historical Perspectives from the Global South	Global view on Migration	-
	Close Reading Nietzsche	Islam: a Political History	
	-	Middle East Politics	
-	History, Politics & Economics of European Integration		
200 / 300 level	Off campus / exchange courses approved by the Head of the Humanities Department and the Examination Board		

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.4 Major Economics

Are you interested in the working of markets or the mechanisms behind economic growth? Or would you like to know more on how consumers and firms make decisions and how these choices affect the economy? And do you have an affinity with mathematics? Then a major or minor in Economics could be the right choice for you.

The major in Economics will give you a thorough understanding of economic theories. In our courses, which were developed in close collaboration with the Erasmus School of Economics, we enable you to further develop your analytical and problem-solving skills. In addition, we provide you with a strong set of tools to identify and analyse problems in and outside the world of economics. This makes students majoring in Economics all-round players: wherever they are, they should feel at home and be ready to think, act and take responsibility based on their economic knowledge and acquired skills. After successfully completing the major, you are in principle eligible for the Master programmes in Economics & Business offered by the Erasmus School of Economics.

Entry requirement

In order to succeed in many courses in the various majors offered by the Economics and Business department, you will need sufficient skill and knowledge in mathematics. Therefore, successful completion of the EUC course INT200 Mathematics is required for all majors offered by the Economics and Business department.

Coordinator

Major coordinator: T.B. Kik, MSc, LL.M (email: kik@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Economics (75 EC)		
200 level	Microeconomics	40 EC
	Applied Game theory	
	Macroeconomics	
	Intermediate Statistics I	
	Foundations of Political Economy	
	Corporate Finance	
	Principles of Econometrics	
	Behavioural Economics	
300 level	International Economics	20 EC
	Impact Evaluation	
	Economics of Markets & Organisations	
	5 EC course at 300 level approved by the Head of the Economics & Business Department and the Examination Board	
400 level	Capstone	15 EC

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.5 Major Business

The major in Business provides students with a solid base of business and economics theories and their applications. Besides gaining insights into the core business disciplines, such as management and marketing, you also learn about the fascinating scientific fields of business strategy, organisational theory and entrepreneurship. In addition, the Business major introduces you to the logic of economic thinking and data analysis, and therefore prepares you well for a future career in business, or a Master's degree in business. Students that follow this major are in principle eligible for master programmes offered by RSM, except for the master programmes in Accounting & Financial Management, Supply Chain Management and Business Information Management which require additional courses (see link for EUC graduates on RSM's admission website).

Entry requirement

In order to succeed in many courses in the various majors offered by the Economics and Business department, you will need sufficient skill and knowledge in mathematics. Therefore, successful completion of the EUC course INT200 Mathematics is required for all majors offered by the Economics & Business Department.

Coordinator

Major coordinator: Dr A. Petruchenya (email: petruchenya@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Business (75 EC)		
200 level	Principles of Management	40 EC
	Microeconomics	
	Marketing	
	Intermediate Statistics I	
	Strategy	
	Qualitative Research	
	Corporate Finance	
	Intermediate Statistics II <i>or</i> Principles of Econometrics	
300 level	Entrepreneurship	20 EC
	Organisational Theory	
	HR Management	
	5 EC course at 300 level approved by the Head of the Economics & Business Department and the Examination Board	
400 level	Capstone	15 EC

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.6 Major Economics, Business & Society

The major in Economics, Business & Society is designed to provide students with a broad background in the field of economics and business administration and its impact upon and interaction with society. The combination of courses encourages students to take an active interest in exploring the broader world and teaches them the tools to explore relevant events empirically. Students graduating with a major in Economics, Business & Society should be attractive candidates for general master programmes in governance, public management and policy-making, business and society, or political economy. Given the broad set-up of the major Economics, Business & Society we currently do not propose a predefined minor. However, we expect in future to include courses from the EBS major in an interdisciplinary minor with courses offered by Social & Behavioral Sciences, Humanities, and/or Life Sciences.

Entry requirement

In order to succeed in many courses in the various majors offered by the Economics and Business department, you will need sufficient skill and knowledge in mathematics. Therefore, successful completion of the course EUC NT200 Mathematics is required for all majors offered by the Economics and Business department.

Coordinator

Major coordinator; Dr C. van Wijnbergen (email: wijnbergen@euc.eur.nl)

Cohort 2017-2018 (Class of 2020)

Major Economics, Business & Society (75 EC)		
200 level	Principles of Management	40 EC
	Microeconomics	
	Leadership Studies	
	Macroeconomics	
	Intermediate Statistics I	
	Qualitative Research	
	Foundations of Political Economy	
	Intermediate Statistics II <i>or</i> Principles of Econometrics	
300 level	Impact Evaluation	20 EC
	International Business Environment	
	HR Management	
	5 EC course at 300 level approved by the Head of the Economics & Business Department and the Examination Board	
400 level	Capstone	15 EC

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.7 Major Humanities

The major Humanities combines Political Philosophy and Critical Theory on the one hand and Cultural Studies and Medium Analysis (Literature, Arts, Photography, Film, Television, Social Media, etc.) on the other.

The curriculum is structured around four recurring themes – technology, economy, culture and politics – that are combined in innovative courses rooted in our intellectual heritage. Students thus gain extensive knowledge of, and learn to critically reflect on, the historical processes and social developments as well as the institutions and interfaces that have shaped today's world and continue to shape the 21st century.

The majors and minors in the Humanities Department are designed to educate the critical thinkers, cultural entrepreneurs, ethical managers and informed citizens of tomorrow. They will open a wide variety of diverse career paths to our students in fields such as academia, the cultural sector, media & communication or the creative economy.

Moreover, the intellectual versatility, the capacity to reflect on and see through complex problems and the reading and writing skills acquired in and through the humanities will benefit our students in whatever position they may find themselves later on in their lives. As medical doctors they will be trained in assessing ethical dilemmas; as managers they will be able to critically reflect on their own judgments and those of others; as CEOs or entrepreneurs they will be able to formulate inspiring visions while taking their feasibility into account; and as politicians they will be able to convincingly convey their message and find flaws in the opponent's rhetoric. An education in the Humanities is therefore pivotal to any professional in our fast-changing and highly complex 21st century.

Entry requirement

The major Humanities has no entry requirement.

Coordinator

Major coordinator: Dr R. van den Akker (vandenakker@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Humanities (75 EC)		
200 level	Critical Theory	20 EC
	Late Modernity: Globalisation, Neoliberalisation & Mediatisation	
	Qualitative Research	
	Intermediate Statistics I	
200 / 300 level	40 EC in courses of which at least 20 EC at 300 level (choose from courses listed below)	20 EC
400 level	Capstone	15 EC

Choose 40 EC, of which at least 20 EC in courses at 300 level:

200 level	300 level
Intermediate Statistics II	Feminist Philosophy: Bodies, Boundaries & Beyond
Revolutions in World History	Post-Colonial Theory: Critical Perspectives from the Global South
The Avant-Garde: Experimental Art, Photography & Film	Multiple Modernities: Historical Perspectives from the Global South
Understanding Contemporary Art	Aesthetics & Politics: A Genealogy of Social Order
Early Modern Political Philosophy	Watching Film & Television: Analysing Visual Culture
The Climate Crisis: Ecology, Economy & Politics in the Anthropocene	Digital Cultures & Information Wars: Algorithms, Memes & More
Foundations of Political Economy	Contemporary Political Philosophy
Data Visualisation	Images & Power: Foundations of Media Studies
Literature & Politics	Close Reading Nietzsche: The Gay Science
Analysing Contemporary Literature	EUR minor that is approved by the HUM department (15 EC)
Off campus / exchange courses approved by the Head of the Humanities Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.8 Major Political Philosophy & Critical Theory

The major Political Philosophy & Critical Theory aims to provide a broad but focussed programme that addresses the most relevant traditions in continental political thought of the past 500 years. In addition, it aims to bring into focus the tradition of critical thinking that emerged in the mid-19th century – including its many influences on, and adaptations by, other critical academic disciplines – along with the influence of this kind of thinking on contemporary academic and public debates.

In the courses on political philosophy, the focus is on such diverse issues as the notion of rights, sovereignty, governance, political institutions, freedom and equality, justice, democracy, and many others. Early Modern Political Philosophy, Contemporary Political Philosophy, and Modernity span Western political thought that emerged during the Renaissance up to the most recent and more internationally oriented theoretical perspectives on democracy and politics (i.e., from Machiavelli, Spinoza, Montesquieu and Rousseau, via Kant, Hegel and Marx, to Kelsen and Schmitt, Rawls, Habermas and Laclau). The course Aesthetics and Politics shows the intrinsic relationship between political theory and art theory from Ancient Greece (Plato, Aristotle) to Modernity (Schiller, Wagner).

The critical theoretical line of this major revolves around the academic traditions that were initiated in the 19th century, with critiques of modern society, industrial capitalism and its accompanying bourgeois liberal culture (from Marx, Nietzsche and Freud). We focus on the continuation of this way of thinking in the works of scholars from the Frankfurt School (Adorno, Horkheimer, Marcuse), the French tradition that emerged in Vincennes, Paris (Foucault, Deleuze, Guattari, Rancière) and the Birmingham School (Williams, Hall, Gilroy). Other lines of critical thought that students will become acquainted with in this major are the perspectives of feminist philosophy and post-colonial theory, by reading texts from crucial feminist thinkers such as de Beauvoir, Butler, bell hooks and Haraway; and influential post-colonial authors such as Fanon, Said and Spivak.

In general, this major prepares students to reflect critically on the history of the present, but also equips them to analyse their own time and their possible immediate future(s). For example, in the course Late Modernity students critically reflect on pressing issues in the here and now, such as neoliberalisation, precarisation, the debt economy, mediatisation and the climate crisis.

Entry requirement

The major Political Philosophy & Critical Theory has no entry requirement.

Coordinator

Major coordinator: Dr C. van der Veeke (email: vanderveeke@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Political Philosophy & Critical Theory (75 EC)		
200 level	Critical Theory	15 EC
	Early Modern Political Philosophy	
	Late Modernity: Globalisation, Neoliberalisation & Mediatisation	
300 level	Close Reading Nietzsche: The Gay Science	25 EC
	Aesthetics & Politics: A Genealogy of Social Order	
	Contemporary Political Philosophy	
	Feminist Philosophy: Bodies, Binaries & Beyond	
	Post-Colonial Theory: Critical Perspectives from the Global South	
200 / 300 level	20 EC in courses approved by the Head of the Humanities Department and the Examination Board	20 EC
400 level	Capstone	15 EC

Recommended courses for the major Political Philosophy & Critical Theory*

- The Climate Crisis: Ecology, Economy & Politics in the Anthropocene (200 level)
- Understanding Politics (200 level)
- Foundations of Political Economy (200 level)
- Multiple Modernities: Historical Perspectives from the Global South (300 level)

* Recommended courses are not mandatory but are highly advised, based on their affinities with the mandatory courses of the respective major and are per definition recognised by the Humanities Department for these specific majors.

If you wish to follow a master programme at Erasmus School of Philosophy at EUR, you need to obtain a total of 60 ECs in philosophy-related courses. By taking the ACC course Modernity (5 EC), the mandatory courses in this major (40 EC) and the Capstone (15 EC), students meet this criterion.

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.9 Major Cultural Analysis

The major in Cultural Analysis offers students an interdisciplinary approach to the critical analysis of contemporary culture. In the field of cultural studies, culture is defined as a constantly changing set of practices, to which meanings are given by the members of a society or group. These meanings are constructed, and structure the way people behave. Through the study of cultural phenomena, such as works of art and literature, TV & cinema, digital media, and popular culture, as well as the social, economic, political and historical contexts in which they are situated, students learn to analyse culture, with the aim to critically question its implied normativity. The major also provides students with a range of theoretical perspectives from which to approach cultural texts, by drawing from history and medium-specific-, aesthetic-, critical-, post-colonial- and feminist theory. In doing so, this major provides students with the critical tools to read cultural texts, and in addition makes visible the position of the researcher, in this case the students themselves, as situated in a specific cultural context which influences their own meaning making. This is a key skill for critical world citizenship in the twenty-first century. The major in Cultural Analysis prepares students for further studies in the fields of art history and cultural theory, media and cultural studies, and visual culture.

Entry requirement

The major Cultural Analysis has no entry requirement.

Coordinator

Major Coordinator: T. de Groot, MPhil (email: t.degroot@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Cultural Analysis (75 EC)		
200 level	Critical Theory	15 EC
	Images & Power: Foundations of Media Studies	
	Late Modernity: Globalisation, Neoliberalisation & Mediatisation	
300 level	Feminist Philosophy: Bodies, Binaries & Beyond <i>or</i> Post-Colonial Theory: Critical Perspectives from the Global South	5 EC
200 / 300 level	Choose from courses listed below	40 EC
400 level	Capstone	15 EC

Choose 40 EC of which at least 15 EC in courses at 300 level:

200 level	300 level
Intermediate Statistics I	Multiple Modernities: Historical Perspectives from the Global South
Revolutions in World History	Aesthetics & Politics: A Genealogy of Social Order
The Avant-Garde: Experimental Art, Photography & Film	Watching Film & Television: Analysing Visual Culture
Understanding Contemporary Art	Digital Cultures & Information Wars: Algorithms, Memes & More
Data Visualisation	Close Reading Nietzsche: The Gay Science
Literature & Politics	Feminist Philosophy: Bodies, Binaries & Beyond or Post-Colonial Theory: Critical Perspectives from the Global South
Analysing Contemporary Literature	EUR minor that is approved by the Head of the Humanities Department (15 EC)
Qualitative Research	-
Off campus / exchange courses approved by the Head of the Humanities Department and the Examination Board (200 / 300 level)	

If you wish to follow a master programme at the Erasmus School of History, Culture and Communication, the course Intermediate Statistics I (200 level) is mandatory.

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.10 Major Life Sciences

The major Life Sciences is a cross-disciplinary programme that features core courses in the fundamental biological sciences (such as molecular and cellular biology, plant biology, microbiology and human physiology) and specialisations that range from genetics to multidisciplinary and applied life sciences, such as ecology and evolutionary biology. One of the most appealing aspects of the major in Life Sciences is its comprehensive nature. The major is highly suited for students interested in a career in the biological sciences in its broadest sense from research to policy-making.

Entry requirement

Students are allowed to enter this major when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Major coordinator: Dr S. Mugnai (email: smugnai@euc.eur.nl)

Cohort 2018-2019 (Class of 2021) and Cohort 2017-2018 (Class of 2020)

Major Life Sciences (75 EC)		
200 level	Biochemistry	35 EC
	Principles of Ecology	
	Molecular & Cellular Biology	
	Molecular & Cellular Biology Lab	
	Human Physiology	
	Plant Biology & Diversity Micro- & Immunobiology	
300 level	Molecular & Clinical Genetics	10 EC
	Genes, Brain & Society	
200 / 300 level	Choose from courses listed below	15 EC
400 level	Capstone	15 EC

Choose 15 EC of which at least 10 EC in courses at 300 level:

200 level	300 level
-	EUR minor Think Green: Ecological & Economic Perspectives for a Sustainable Environment (15 EC)
-	EUR minor in the field of Life Sciences that is approved by the Head of the Life Sciences Department (15 EC)
-	Evolutionary Biology
-	Plant Physiology & Sustainable Agriculture (<i>previously Plants for People, Plants for Life</i>)
Off campus / exchange courses approved by the Head of the Life Sciences Department and the Examination Board (200 / 300 level)	

3.11 Pre-Med major

The Pre-Med major is a programme that will prepare you for admission to (i) the Premaster programme (in Dutch) at the Erasmus Medical Centre (MC), (ii) the School of Medicine (in English) of St. George's University (SGU), Grenada, or (iii) another Biomedical master programme. The Premaster programme is open for up to 24 Pre-Med graduates per year (see below). The School of Medicine of SGU is open for up to 10 Pre-Med graduates per year.

EUC and Erasmus MC have agreed that BSc students from EUC should be able to enter the Erasmus MC Medical Master (MMSc). In order to do so, students are required to follow the Pre-Med major at EUC, and they will have to participate in a 1-year premaster programme at Erasmus MC after graduating from EUC and before entering the MMSc. The Pre-Med major does not guarantee access to the premaster programme as there are entry requirements regarding:

- the number of students; a maximum of 24 Pre-Med graduates/year are allowed to enter the premaster programme;
- mastery of the Dutch language (at least B2 level, certified with the NT-2 exam or a pass for Dutch on a 'VWO' diploma), because both the premaster programme and the MMSc are taught in Dutch;
- the GPA obtained for the Pre-Med courses;
- the extra-curricular activities performed besides the EUC Bachelor diploma;
- the results from a limited number of premaster entry tests, which will have to be taken during the final semester at EUC.

In the Pre-Med major students will obtain a basic knowledge of the Life Sciences as well as the Medical Sciences. Fields of study include:

- fundamental biology, including human anatomy and physiology;
- selected issues of health and disease;
- the medical process and the scientific basis of medicine;
- epidemiology and research methodology;
- medical statistics;
- general clinical skills, including anamnesis, physical examination, clinical reasoning and therapeutic skills; and
- (medical) professional behaviour.

Entry requirements

Students are allowed to enter this major when they

- **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year; and
- have taken and passed the course LSC218 Life Support; and
- have taken and passed the course LSC216 Medical Ethics; this course may also be taken during the second year, i.e. during the Pre-Med major.

Coordinator

Major coordinator: Dr M. Martinez Claros (email: martinezclaros@euc.eur.nl)

Cohort 2018-2019 (Class of 2021) and cohort 2017-2018 (Class of 2020)

Pre-Med Major (80 / 85 EC)		
200 level	Biochemistry	35 EC
	Follow the Doctor (pass/fail, 0 EC)	
	Molecular & Cellular Biology	
	Clinical Psychology	
	Human Physiology	
	Human Anatomy	
	Micro- & Immunobiology	
	Embryology & Development Biology	
300 level	Pathology & Pathogenesis I - Cardiology	30 / 35 EC
	Pathology & Pathogenesis II - Pulmonology	
	Pathology & Pathogenesis III - Nephrology	
	Pathology & Pathogenesis IV - Nutritional & Gastrointestinal Diseases	
	Pathology & Pathogenesis V - Metabolism & Hormonal T Regulation	
	Epidemiology & Global Health	
	Clinical Reasoning & Consultation (Quad 1-4, in Dutch)*	
400 level	Capstone	15 EC

* The course Clinical Reasoning & Consultation is mandatory for students who wish to enter the premaster programme (see above); students who are not proficient in the Dutch language and/or do not wish to enrol in the premaster programme do not need to follow this course.

3.12 Major Neuroscience

The major in Neuroscience offers students a multidisciplinary study of biological subjects that focus on the human central nervous system. The major is designed for students with a strong interest in neurobiology and the way in which the brain governs behaviour.

Entry requirement

Students are allowed to enter this major when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Major coordinator: Dr C. Müller (email muller@euc.eur.nl)

Cohort 2018-2019 (Class of 2021) and cohort 2017-2018 (Class of 2020)

Major Neuroscience (75 EC)		
200 level	Biochemistry	35 EC
	Computer Science M or Computer Science P	
	Molecular & Cellular Biology	
	Molecular & Cellular Biology Lab	
	Intermediate Statistics I	
	Human Physiology	
300 level	Cognitive Neuroscience	10 EC
	Genes, Brain & Society	
200 / 300 level	Choose from courses listed below	15 EC
400 level	Capstone	15 EC

Choose 15 EC of which at least 10 EC in courses at 300 level:

200 level	300 level
-	EUR Minor in the field of Neurosciences approved by the Head of the Life Sciences Department (15 EC)
Off campus / exchange courses approved by the Head of the Life Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.13 Major Molecular & Cellular Biology

The major in Molecular & Cellular Biology focuses on the study of molecular structures and processes within the cells and their roles in the function, reproduction and development of organisms. This covers a broad range of specialised disciplines such as biochemistry, microbiology, molecular biology, genetics, cell physiology, cell anatomy and immunology.

Entry requirements

Students are allowed to enter this major when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Major coordinator: Dr S. Mazurek (email: mazurek@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Molecular & Cellular Biology (75 EC)		
200 level	Biochemistry	35 EC
	Molecular & Cellular Biology	
	Molecular & Cellular Biology Lab	
	Intermediate Statistics I	
	Human Physiology	
	Micro- & Immunobiology	
	Embryology & Developmental Biology	
300 level	Molecular & Clinical Genetics	5 EC
200 / 300 level	Choose from courses listed below	20 EC
400 level	Capstone	15 EC

Choose 20 EC of which at least 15 EC in courses at 300 level:

200 level	300 level
-	EUR / EMC minor Biomedical Research in Practise (15 EC)
	EUR / EMC minor Genetica in de Maatschappij, (Dutch with English literature, 15 EC)
	EUR minor in the field of Molecular & Cellular Biology that is approved by the Head of the Life Sciences Department (15 EC)
Off campus / exchange courses approved by the Head of the Life Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.14 Major Psychology

The major Psychology introduces students to the fascinating world of human behaviour: why do we behave as we do? In this major you will learn how to use scientific findings and psychological methods to understand and analyse human behaviour, cognitions and emotions, and how to apply these findings and methods to help people to improve their behaviour, cognitions, and emotions. This scientific knowledge can be applied, but is not limited to, the fields of work, sport, law and physical or mental health. The major Psychology offers courses in basic or fundamental psychology (e.g., cognitive and personality psychology) and applied psychology (e.g. clinical, developmental and health psychology). In addition, the major Psychology provides students with the basic interpersonal skills and tools to assess clients' behaviour and needs. It furthermore develops students' statistical knowledge to be able to conduct research in psychology and related fields, and it helps students to develop their scientific writing skills.

Students who major in this programme can follow a master programme in the various fields of psychology and pedagogy or in health sciences.

Entry requirement

The major Psychology has no entry requirement.

Coordinator

Major coordinator: L. Giel, MSc (email: giel@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Psychology (75 EC)		
200 level	Personality Psychology	35 EC
	Clinical Psychology	
	Qualitative Research	
	Intermediate Statistics I	
	Intermediate Statistics II	
	Cognitive Psychology	
	Developmental Psychology	
300 level	Clinical Communication Skills	15 EC
	Psycho-diagnostics	
	Health Psychology	
200 / 300 level	Choose from courses listed below	10 EC
400 level	Capstone	15 EC

Choose 10 EC of which at least 5 EC at 300 level:

200 level	300 level
Behavioural Economics	Legal Psychology
Leadership Studies**	Governing Healthy Cities
-	(LSC) Cognitive Neuroscience *
	(LSC) Genes, Brain & Society*
	(ECB) HR Management
	(ECB) Organisational Theory**
	EUR minor approved by the Head of the Social & Behavioural Sciences Department
Off campus / exchange courses approved by the Head of the Social & Behavioural Sciences Department and the Examination Board (200 / 300 level)	

* If you wish to follow the master programme Clinical Psychology or Brain & Cognition at EUR the courses Cognitive Neuroscience (LSC305) and Genes, Brain & Society (LSC309) are recommended.

** If you wish to follow the master programme Positive Organisational Psychology at the EUR, the courses Leadership Studies (ECB206) and Organisational Theory (ECB316) are mandatory.

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.15 Major Political Science & International Relations

The major in Political Science & International Relations (POLIR) introduces you to the dynamic world of politics.

POLIR provides you with essential analytical tools to become a critical world citizen in an increasingly interdependent world. You will analyse political behaviour and processes across local, national, regional and international levels.

POLIR lays an interdisciplinary foundation by familiarising you with the sub-fields of comparative politics, international relations, public administration and political theory. You will develop research and writing skills. In addition, a diverse range of assessment methods will also allow you to develop skills in analysing policy, visualising data, and negotiation.

You will gain an understanding of world affairs by focussing on how states, non-state actors, and international organisations interact with each other. Combining critical and empirical outlooks, issues will be explored that are reshaping 21st century politics in areas such as conflict, diplomacy and global governance. Studying politics from the perspectives of philosophy, policy, identity, history, economy, the role of the state and other emerging forms of governance will result in a well-rounded understanding of today's global political arena.

POLIR represents a truly interdisciplinary field. By exploring politics from multiple Western and non-Western perspectives, this programme enables you to make connections across geographic and disciplinary boundaries. A broad range of electives allows you to customise your own curriculum to your personal interest.

Having critical insight into politics at various levels is a useful asset in a wide range of careers. POLIR is thus a versatile major that will help you prepare for a variety of master programmes and careers.

Entry requirement

The major Political Science & International Relations has no entry requirement.

Coordinator

Major coordinator: Dr W. Vloeberghs (email: vloeberghs@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Political Science & International Relations (75 EC)		
200 level	Understanding Politics	25 EC
	International Relations: Theories, Approaches & Themes	
	Political Institutions & Public Governance	
	Qualitative Research <i>or</i> Intermediate Statistics I	
	Early Modern Political Philosophy	
300 level	Middle East Politics <i>or</i> European Integration	10 EC
	Conflict Resolution <i>or</i> Security Studies	
200 / 300 level	Choose from courses listed below	25 EC
400 level	Capstone	15 EC

Choose 25 EC of which at least 10 EC at 300 level:

200 level	300 level
Gender Equality	EU Decision Making
Data Visualisation	Islam: A Political History
Applied Game Theory	A Global View on Migration
Foundations of Political Economy	Contemporary Political Philosophy <i>or</i> Post-Colonial Theory
Qualitative Research	Multiple Modernities: Historical Perspectives from the Global South
Intermediate Statistics I	Middle East Politics or European Integration
	Conflict Resolution or Security Studies
	Study Exchange: Middle East (conditional)
	EUR minor approved by the Head of the Social & Behavioural Sciences Department (15 EC)
Off campus / exchange courses approved by the Head of the Social & Behavioural Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.16 Major Sociology

The major Sociology prepares students to be future analysts of contemporary societies. Sociology helps you to both understand and change the world you live in. The study of sociology links together the social, economic, political, cultural and ecological aspects of a changing global society. Processes such as urbanisation, globalisation, individualisation, the increasing salience of new media, and modernisation in general have had profound impact on both people and places. Classical sociological themes as social inequality, social cohesion and identity are introduced with a diverse range of concrete issues, and their main themes are reviewed and assessed with empirical research. Graduates with a major in sociology are capable of applying their knowledge to relate everyday situations – in organisations, families, or society in general – to broader social structures and developments, thereby contributing invaluable insights into the workings of society.

Entry requirement

The major Sociology has no entry requirement.

Coordinator

Major coordinator: R. Kemmers, MSc (email: kemmers@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major Sociology (75 EC)		
200 level	Highlights of Sociology	25 EC
	Deviance	
	Qualitative Research	
	Intermediate Statistics I	
300 level	Gender Equality	15 EC
	Stratification	
	Individualisation & Globalisation	
200 / 300 level	A Global View on Migration	20 EC
400 level	Choose from courses listed below	15 EC
	Capstone	15 EC

Choose 20 EC in courses of which at least 5 EC at 300 level:

200 level	300 level
(ECB) Leadership Studies	(HUM) Feminist Philosophy
Political Institutions & Public Governance	(HUM) Digital Cultures & Information Wars: Algorithms, Memes & More
(HUM) Critical Theory	EUR minor approved by the Head of the Social & Behavioural Sciences Department (15 EC)
Off campus / exchange courses approved by the Head of the Social & Behavioural Sciences Department and the Examination Board (200 / 300 level)	

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

3.17 Major International Law

The major in International Law offers courses in law placed in an international context. The courses offered at 200- and 300 level provide students with the necessary legal skills and deepen their knowledge of both private and public law. After completion of the International Law major, students will be prepared for ongoing studies at various internationally orientated master programmes at Erasmus School of Law or abroad.

Entry requirement

The major International Law has no entry requirement.

Coordinator

Major coordinator: A. Sarris, LL.M (email: sarris@euc.eur.nl)

Cohort 2018-2019 (Class of 2021)

Major International Law (75 EC)		
200 level	Introduction to Law	40 EC
	Public International Law	
	European Union Law	
	International Human Rights Law	
	Qualitative Research	
	EU as an International Actor	
	Legal Academic Writing	
	International Dispute Settlement	
300 level	International Criminal Law	20 EC
	Choose from courses listed below	
400 level	Capstone	15 EC

Choose 15 EC in courses at 300 level:

300 level
Narratives of Law & Justice
International Environmental & Energy Law
Legal Psychology
Individualisation & Globalisation
EUR Minor / off campus courses approved by the Head of the Social & Behavioural Sciences Department and the Examination Board

Cohort 2017-2018 (Class of 2020)

Major requirements as specified in the Course Catalogue 2018-2019 apply to students of cohort 2017-2018 (Class of 2020), as they started their major in academic year 2018-2019.

However, students may request the Examination Board to follow the major requirements as stated above (in accordance with ARR article 8.2).

4. EUC Minors

Overview EUC minors
<p>Interdepartmental</p> <ol style="list-style-type: none">1. Minor Sustainability (LSC and ECB)2. Minor Biological Aspects of Global Health (LSC and SBS)
<p>Economics & Business Department (ECB)</p> <ol style="list-style-type: none">3. Minor Economics4. Minor Business
<p>Humanities Department (HUM)</p> <ol style="list-style-type: none">5. Minor Political Philosophy & Critical Theory6. Minor Global History & International Relations7. Minor Visual Cultures & Media Literacy8. Minor Arts, Culture & Society
<p>Life Sciences Department (LSC)</p> <ol style="list-style-type: none">9. Minor Life Sciences10. Minor Biomedicine11. Minor Neuroscience
<p>Social & Behavioural Sciences Department (SBS)</p> <ol style="list-style-type: none">12. Minor Psychology13. Minor Political Science & International Relations14. Minor Sociology15. Minor International Law

4.1 Minor Sustainability

The achievement of sustainability in our society needs to take into account environmental, social and economic aspects. However, the application of such an interdisciplinary approach to sustainability can be hindered by the mono-disciplinary approach of today's highly specialised world. In this EUC minor, the student will start thinking 'outside the box' by acquiring some specific tools to think critically about the most pressing challenges of our time. Although this EUC minor is mainly based on LSC courses, it aims to use a multi-perspective and multi-disciplinary approach. In particular, by following the minor "Think Green" (or other related minors in sustainability), the students will be able to connect science, economics and technology for a holistic approach to sustainability.

Entry requirement

Students are allowed to enter this minor when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Minor coordinator: Dr A. Vasques (email: vasques@euc.eur.nl)

Minor Sustainability (30 EC)		
200 level	Principles of Ecology	15 EC
	Plant Biology & Diversity	
	The Climate Crisis	
300 level	Minor 'Think Green: Ecological & Economic Perspectives for a Sustainable Environment' <i>or</i> another sustainability-related EUR Minor (e.g. Sustainable development: Big Issues New Answers, Leiden University)	15 EC

4.2 Minor Biological Aspects of Global Health

This minor will introduce you to the field of biological and public health research, with a focus on the prevention and better treatment of diseases affecting large populations. You will gain insight in the biological aspects of public health, including the study and prevention of infectious and inheritable diseases, and how biological and psychosocial factors are related to health behaviour and disease.

Entry requirement

Students are allowed to enter this minor when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Minor coordinator: Dr M. Hartman (email: m.a.hartman@euc.eur.nl)

Minor Biological Aspects of Global Health (30 EC)		
200 level	Biochemistry	15 EC
	Molecular & Cellular Biology	
	Micro- & Immunobiology	
300 level	Molecular & Clinical Genetics	15 EC
	Epidemiology & Global Health	
	Health Psychology	

4.3 Minor Economics

The minor in Economics provides you with the core micro- and macroeconomic theories and can therefore be a valuable addition to many majors in other disciplines. For instance, the courses in this minor will help you to analyse strategic interactions in organisations, to study individual and firm behaviour, or to analyse international trade and finance. After successfully completing the minor, you will know when and how economic theories or tools can help you to find solutions to issues all around you.

Entry requirement

In order to succeed in many courses in the various majors offered by the Economics and Business department, you will need sufficient skill and knowledge in mathematics. Therefore, successful completion of the course INT200 Mathematics is required for all majors offered by the Economics and Business department.

Coordinator

Minor coordinator: T.B. Kik, MSc, LL.M (email: kik@euc.eur.nl)

Minor Economics (30 EC)		
200 level	Microeconomics*	20 EC
	Macroeconomics**	
	Corporate Finance	
	Behavioural Economics	
300 level	International Economics	10 EC
	Economics of Markets & Organisations	

* Except for students who have taken this course already as part of their major in Business or their major in Economics, Business and Society.

** Except for students who have taken this course already as part of their major in Economics, Business and Society.

4.4 Minor Business

If you opt for the minor in Business, you will gain understanding of the core theories of the business field. The focus in many of the courses is on applying academic knowledge and theories to real-life business applications. You will learn to work in teams, discussing and solving business cases and problems. It is hence an excellent addition to other EUC majors.

Coordinator

Minor coordinator: Dr A. Petruchenya (email: petruchenya@euc.eur.nl)

Minor Business (30 EC)		
200 level	Principles of Management*	20 EC
	Marketing	
	Strategy	
	Corporate Finance**	
300 level	Organisational Theory	10 EC
	HR Management	

* Except for students who have taken this course already as part of their major in Business or their major in Economics, Business and Society.

** Except for students who have taken this course already as part of their major in Economics, Business and Society.

4.5 Minor Political Philosophy & Critical Theory

The minor in Political Philosophy & Critical Theory provides a focussed programme that addresses the most relevant traditions in continental political thought of the past 500 years and the tradition of critical thinking that emerged in the mid-19th century – as well as their influences on contemporary academic and public debates.

Coordinator

Minor coordinator: Dr C. van der Veeke (email: vanderveeke@euc.eur.nl)

Minor Political Philosophy & Critical Theory (30 EC)		
200 level	Early Modern Political Philosophy	15 EC
	Critical Theory	
	Late Modernity: Globalisation, Neoliberalisation, Mediatisation	
300 level	Contemporary Political Philosophy	15 EC
	Feminist Philosophy: Bodies, Boundaries & Beyond	
	Post-Colonial Theory: Critical Perspectives from the Global South	

If you wish to follow a master programme at Erasmus School of Philosophy at EUR, you need to obtain 25 ECs of philosophy-related, non-mandatory credits in order to obtain a total of 60 ECs in philosophy-related courses (capstone included). Select courses from:

- The Climate Crisis: Ecology, Economy & Politics in the Anthropocene (200 level)
- Multiple Modernities: Historical Perspectives from the Global South (300 level)
- Capstone (15 EUC)
- a HUM approved EUR minor (15 EC)
- a HUM approved exchange programme

4.6 Minor Global History & International Relations

The minor Global History & International Relations is an interdisciplinary programme that combines the disciplines of global history and international relations to equip students with the historical and theoretical knowledge to study and make sense of the complex interrelations between the Global South and the Global North, both as a historical process and in the contemporary.

Coordinator

Minor coordinator: Dr R. van den Akker (email: vandenakker@euc.eur.nl)

Minor Global History & International Relations (30 EC)		
200 level	Revolutions in World History	15 EC
	Islam: A Political History	
	International Relations	
300 level	Post-Colonial Theory: Critical Perspectives from the Global South	15 EC
	Multiple Modernities: Historical Perspectives from the Global South	
	Middle East Politics	

NB: If you wish to follow a master programme at the Erasmus School of History, Culture and Communication, the course Intermediate Statistics I (200 level) is mandatory.

4.7 Minor Visual Cultures & Media Literacy

The minor Visual Cultures & Media Literacy provides the historical contexts, medium-specific literacies and theoretical tools to study visual cultures in general and media such as photography, film, television and social media in particular. While situating media-specific and cultural practices in their social contexts, students learn how to critically reflect on the media and visual technologies of the recent past and today.

Coordinator

Minor coordinator: T. de Groot, MPhil (email: degroot@euc.eur.nl)

Minor Visual Cultures & Media Literacy (30 EC)		
200 level	Late Modernity: Globalisation, Neoliberalisation, Mediatisation	20 EC
	The Avant-Garde: Experimental Art, Photography & Film	
	Images & Power: Foundations of Media Studies	
	Data Visualisation	
300 level	Watching Film & Television: Analysing Visual Culture	10 EC
	Digital Cultures & Information Wars: Algorithms, Memes & More	

NB: If you wish to follow a master programme at the Erasmus School of History, Culture and Communication, the course Intermediate Statistics I (200 level) is mandatory.

4.8 Minor Arts, Culture & Society

The minor in Arts, Culture & Society exposes students to a range of art historical, medium-specific and theoretical perspectives from which to approach cultural texts and, especially, the arts and literature. While placing artistic and cultural practices in their social, political and historical contexts, students learn how to critically reflect on these practices in the present.

Coordinator

Minor coordinator: T. de Groot, MPhil (email: degroot@euc.eur.nl)

Minor Arts, Culture & Society (30 EC)		
200 level	Critical Theory	25 EC
	The Avant-Garde: Experimental Art, Photography & Film	
	Understanding Contemporary Art	
	Literature & Politics	
	Analysing Contemporary Literature	
300 level	Aesthetics & Politics: A Genealogy of Social Order	5 EC

NB: If you wish to follow a master programme at the Erasmus School of History, Culture and Communication, the course Intermediate Statistics I (200 level) is mandatory.

4.9 Minor Life Sciences

The minor Life Sciences is composed of courses that cover the most fundamental biological sciences, including molecular and cellular biology, plant biology, microbiology, physiology and evolutionary biology. The minor is well suited for students who are interested in receiving a broad training in biology as a complement to a major in a different discipline.

Entry requirement

Students are allowed to enter this minor when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Minor coordinator: Dr S. Mugnai (email: mugnai@euc.eur.nl)

Minor Life Sciences (30 EC)		
200 level	Biochemistry	25 EC
	Molecular & Cellular Biology	
	Human Physiology	
	Plant Biology & Diversity	
	Micro- & Immunobiology	
300 level	Evolutionary Biology	5 EC

4.10 Minor Biomedicine

The minor Biomedicine consists of courses that cover the basics of medical biology. It includes biochemistry, microbiology, infectious diseases, immunology, developmental biology and (clinical) genetics. The minor is well suited for students who are interested in receiving a basic training in medical biology as a complement to a major in a different discipline.

Entry requirement

Students are allowed to enter this minor when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Minor coordinator: Dr S. Mazurek (email: mazurek@euc.eur.nl)

Minor Biomedicine (30 EC)		
200 level	Biochemistry	25 EC
	Molecular & Cellular Biology	
	Human Physiology	
	Micro- & Immunobiology	
	Embryology & Developmental Biology	
300 level	Molecular & Clinical Genetics	5 EC

4.11 Minor Neuroscience

The minor Neuroscience consists of courses that cover the basics of neurobiology and cognitive neuroscience. The minor is well suited for students who are interested in receiving a basic training in neuroscience as a complement to a major in a different discipline.

Entry requirement

Students are allowed to enter this minor when they **either** have successfully completed a general biology course prior to entering EUC **or** have passed the EUC course LSC214 General Biology in the first year.

Coordinator

Minor coordinator: Dr C. Müller (email: muller@euc.eur.nl)

Minor Neuroscience (30 EC)		
200 level	Biochemistry	25 EC
	Molecular & Cellular Biology	
	Clinical Psychology	
	Human Physiology	
	Cognitive Psychology	
300 level	Cognitive Neuroscience	5 EC

4.12 Minor Psychology

The minor Psychology introduces students to the fascinating world of human behaviour: why do we behave as we do? In this minor you will learn how to use scientific findings and psychological methods to understand and analyse human behaviour, cognitions and emotions and how to apply these findings and methods to help people to improve their behaviour, cognitions, and emotions. This scientific knowledge can be applied, but is not limited to, the fields of work, sport, law and physical or mental health. The minor Psychology offers courses in basic or fundamental psychology (e.g. cognitive and personality psychology) and applied psychology (e.g. clinical, developmental, health or legal psychology). Finally, the minor provides students with the basic interpersonal communication skills.

Coordinator

Minor coordinator: L. Giel, MSc (email: giel@euc.eur.nl)

Minor Psychology (30 EC)		
200 level	Personality Psychology	20 EC
	Clinical Psychology	
	Cognitive Psychology	
	Developmental Psychology	
300 level	Clinical Communication Skills	10 EC
	Legal Psychology or Health Psychology	

4.13 Minor Political Science & International Relations

The minor in Political Science & International Relations (POLIR) introduces you to the dynamic world of politics. POLIR presents essential analytical tools to become a critical world citizen in an increasingly interdependent world. You will analyse political behaviour and processes across local, national, regional and international levels. POLIR lays an interdisciplinary basis by familiarising you with the subfields of comparative politics, international relations, public administration and political theory. You will develop research and writing skills. In addition, a diverse range of assessment methods will allow you to develop skills in analysing public decision making.

We will familiarise you with world affairs by focussing on how states, non-state actors, and international organisations interact with each other. By combining critical and empirical outlooks, we will explore issues reshaping 21st century politics in areas such as conflict, diplomacy and global governance. You will gain a better understanding of the political by studying the role of the state from various perspectives in order to identify classic and emerging forms of governance.

POLIR represents a truly interdisciplinary field. By exploring politics from multiple Western and non-Western perspectives, this programme enables you to make connections across geographic and disciplinary boundaries.

Coordinator

Minor coordinator: Dr W. Vloeberghs (email: vloeberghs@euc.eur.nl)

Minor Political Science & International Relations (30 EC)		
200 level	Understanding Politics	20 EC
	International Relations: Theories, Approaches & Themes	
	Political Institutions & Public Governance	
	Early Modern Political Philosophy	
300 level	Middle East Politics <i>or</i> European Integration	10 EC
	Conflict Resolution <i>or</i> Security Studies	

4.14 Minor Sociology

The minor Sociology prepares students to be future analysts of contemporary societies. Sociology helps you to both understand and change the world you live in. The minor Sociology links together the social, economic, political, cultural and ecological aspects of a changing global society. Processes such as urbanisation, globalisation, individualisation, the increasing salience of new media and modernisation in general have had profound impact on both people and places. Classical sociological themes as social inequality, social cohesion, and identity are introduced with a diverse range of concrete issues, and their main themes are reviewed and assessed with empirical research.

Coordinator

Minor coordinator: R. Kemmers, MSc (email: kemmers@euc.eur.nl)

Minor Sociology (30 EC)		
200 level	Highlights of Sociology	15 EC
	Deviance	
	Gender Equality	
300 level	Stratification	15 EC
	Individualisation & Globalisation	
	A Global View on Migration	

4.15 Minor International Law

The minor International Law offers courses in law placed in an international context. The courses provide students with the necessary legal skills and deepen their knowledge of both private and public law.

Coordinator

Minor coordinator: A. Sarris, LL.M (email: sarris@euc.eur.nl)

Minor International Law (30 EC)		
200 level	Introduction to Law	25 EC
	Public International Law	
	European Union Law	
	International Human Rights Law	
	International Dispute Settlement	
300 level	International Criminal Law	5 EC

5. EUR Minors offered by EUC

MINUC-01 – International Relations & Human Rights Law

This EUR minor offered by EUC will examine unresolved practical, theoretical and legal questions concerning the issues of international relations as well as universality of human rights; whose responsibility it is to protect human rights; and whether human rights conventions, laws and regimes are effective. Thus, the course looks at the juxtaposition of the traditional claims of states to guard sovereignty and impose order against more recent claims by individuals to freedom, rights, justice, universal moral order and humane treatment. State sovereignty and international relations have a profound impact on the ability of the international community to respond to gross human rights violations. Thus, the positive and negative impacts of domestic politics and transnational actors and the collision of human rights ideals with the doctrine of state sovereignty will be recurring themes in the course.

EUC coordinator: P. Livaha, JD

EC: 15

Level: 300

Prerequisites: At least 60 EC in courses.

Quad 1 and 2

MINUC-03 – Think Green: Ecological & Economic Perspectives for a Sustainable Environment (EUR minor)

This EUR minor offered by EUC is designed to provide students with information and analytic skills that are necessary to understand the complex issues that challenge our ability to develop sustainable systems now and in the future. This is a timely subject, as we are living in an era of unprecedented human impact on nature and resources, where the technological revolution has brought us to a point where it may seem that our daily lives are not directly connected to natural laws. In this course, students will acquire knowledge to understand, prevent, mitigate and remediate environmental problems, and to create sustainable (and remunerative) solutions aimed at reducing our impact/ecological footprint on Earth. With this new understanding – or eco-literacy – students will be able to think critically and take environmentally sustainable decisions, which may include transforming environmental problems into business solutions. In order to reach these goals, the course is composed of three integrated modules, i.e., Environmental Sciences, the Economics of Sustainability, and Bio-based Economy (as a sustainable solution to merge environmental sustainability and business). These modules have an interactive, active-learning format (problem-based learning) and have a strong ‘hands-on’ approach, with links to real case-studies in Rotterdam and in the Netherlands. The minor is open to 3rd year students with a background in life sciences, economy and/or social sciences. The content is of special relevance to future green business managers, environmental economists, conservation and environmental scientists, social scientists, ecologists, designers, planners and entrepreneurs who will be engaged in the transition from a fossil-based to a bio-based economy.

EUC coordinator: Dr S. Mugnai

EC: 15

Level: 300

Prerequisites: At least 60 EC in courses (for EUC students)

Quad 1 and 2

Maximum number of students: 36

MINUC-04 – Re-imagining Tomorrow through Arts & Sciences (Rotterdam Arts & Sciences Lab)

This is a transdisciplinary minor for students from Erasmus University, University of Leiden, Delft University, Codarts University of the Arts, and Willem de Kooning Academy.

In this minor, students from various fields and backgrounds develop theoretical competences in the area of transdisciplinary research and together with teachers and societal partners, a setting is created in which theory and practice, and academic and artistic practices interact to identify and reframe a complex societal issue. The minor facilitates the building of collaborative learning contexts and networks, with an emphasis on the involvement of societal partners (e.g. government, businesses, and civil society members). This encourages students to (further) develop an entrepreneurial attitude.

Students and teachers from Erasmus University College, Codarts and Willem de Kooning Academy will work together to create a collaborative framework that allows combining disciplines within a project situated in a specific context. The minor is suitable for open-minded, engaged and critical students who feel an urgency to work beyond disciplines and are keen to actively partake in shaping their learning process. This minor requires serious interest and an open and flexible attitude towards education. Students will collaborate continuously and intensively with their fellow students, teachers and societal partners, and take position as active, committed world citizens. This gives students the opportunity to engage in transdisciplinary, collaborative project-based research, in a small team of students and teachers from the fields of science, visual arts and performing arts, and together with stakeholders from beyond the academy/university. The minor is part of the innovative educational practices of the Rotterdam Arts and Sciences Lab (RASL). While exploring a complex societal issue (the selection of the issue is student-led) in depth and from a range of perspectives, students will develop creative, critical and other skills needed in the 21st century.

The minor is divided into two parts (15 EC + 15 EC). Students can either participate in Part I or in Parts I and II. It is not possible to participate only in Part II. EUC students can enrol in Part I (15 EC) as an EUR minor. EUC students who wish to enrol in Part II (15 EC) need to submit a request to the Examination Board for approval to obtain the credits earned in Part II as an off-campus course.

This is a full-time minor, and the collaborative nature of the programme requires committed attendance and a flexible attitude throughout the entire process.

EUC coordinator: T. de Groot, MPhil

EC: 15 (+ 15 EC off campus, optional)

Level: 300

Prerequisites: n/a

Quad 1 (or Quads 1-2)

6. Academic Core Courses (ACC)

ACC101 – Big History

All human societies have asked questions about their own origins and those of the surrounding world. Modern science has formulated new answers to these questions, which, combined, produce an all-encompassing story of how everything has come into being, from the beginning of the universe until life on Earth today. This story is increasingly becoming known as 'big history.'

In this course, you will examine the origins of the universe, the stars and our solar system, Earth, life and human societies. Scientific insights ranging from astronomy, physics, chemistry, geology, biology to the social sciences will be explored. By examining all these different aspects of our 'big history', you will learn to deal with a great many interdisciplinary approaches. In fact, you will find that combining insights from the different branches of academia can lead to a coherent view of how history has developed from the beginning of the universe until today.

EUC coordinator: Dr V. Zarubina

EC: 5

Level: 100

Prerequisites: n/a

Quad 1

ACC102 – Brain & Behaviour

This course is an introduction to the structure and function of the brain. The different processes in the brain that shape our behaviour will be discussed in the context of psychology and neuroscience. The general aim of the course is to provide a basic understanding of how our brain processes information, how the environment affect this processing, and how our brain guides our behaviour accordingly. The theories and models that describe the brain and its relation with human behaviour will be presented at various levels and from different perspectives. Understanding complex processes such as memory, movements and consciousness, requires knowledge about the underlying neurobiological systems, including the structure of -and cellular communication within- the brain.

EUC coordinator: Dr A. Mora Cortes

EC: 5

Level: 100

Prerequisites: n/a

Quad 1

ACC103 – Academic Writing & Presenting

During this course you will work on developing your writing and presentation skills – specifically writing and presenting in an academic context. At the hand of several small assignments we will guide you towards completing an analytical research paper and presenting this paper during a EUC research conference to your fellow students. While working on your assignments, you will gain additional skills necessary for your future academic career, such as finding academic sources, justifying your research, referencing, avoiding plagiarism and giving and receiving feedback.

The research you will conduct in this first quad is based on a research question, which will guide the research process. With the help of your tutor you will research the field of the given topic and formulate a specific question that is suitable for the research paper. In the process of researching and preparing for your paper, you will become familiar with primary and secondary research methods, learn to work with sources critically, write a research proposal and a literature review, integrate source material into your own writing and document source use as a means of building academic integrity. Whilst writing your paper, you will develop your writing style, gain insight into how to create a proper structure and learn how to write an abstract, a strong introduction, body and conclusion. In addition, we will spend ample time during the course on developing your presentation skills at the hand of several exercises.

EUC coordinator: T. de Groot, MPhil

EC: 5

Level: 100

Prerequisites: n/a

Quad 1

ACC104 – Core Economics

This course aims to develop a basic understanding of economic behaviour. We will do so by examining the intuitions and the real world underpinning of the ‘maths and the models’ of economics. The focus is on teaching economic tools and concepts by addressing relevant questions, such as the causes and consequences of the financial crisis or economic inequality. Topics that will be discussed include individual decision making (‘how do people divide their time between leisure and working?’), firm decision-making (‘how do firms decide how much to produce?’), market mechanisms (‘how is decided what price we pay for our products?’), the financial world (‘how is money created?’), and how an economy can be described and measured, at an aggregate level.

The course is empirically motivated and illustrated. Based on facts from history, experiments and data, students will learn how economic insights and models can be used to understand the real world. The course will introduce you to key concepts in economic theory and economic reasoning on the basis of the curriculum developed by the core economics project.

EUC coordinator: Dr A. Petruchenya & T.B. Kik, MSc, LL.M

EC: 5

Level: 100

Prerequisites: n/a

Quad 2

ACC105 – Research Methods & Design

This course will be your kick-off into the world of research and will cover the fundamental principles of science, research designs, measurement, sampling, and ethics. This basic material will lay the groundwork for the more technical stuff that we will cover in subsequent courses. We will use examples from a range of disciplines, including: economy, sociology, political sciences, and psychology.

This course makes use of a blended learning format, which describes the growing phenomenon by which students learn at least in part by way of digital or online media. Here, the online component is the video lectures. Video lectures replace traditional in-class lectures and are provided by UvA through an existing Massive Open Online Course (MOOC) entitled Quantitative Methods. At EUC, weekly offline tutorials are held in which small groups discuss the course material with their tutor, and complete exercises aimed at understanding the practical side of the conceptual material presented in the video lectures. This blended learning format allows you significantly more control over the pace and style in which you learn the course material.

The different assignments in this course are aimed at (i) developing a thorough understanding of academic papers that will allow students to critically reflect on their methodology before trusting their results; (ii) applying concepts and methods that are covered in the course in order to empirically test theories from various disciplines.

EUC coordinator: Dr G.Noordzij & A. Kostopoulos MSc

EC: 5

Level: 100

Prerequisites: n/a

Quad 2

ACC106 – Man & Society

We humans have an irresistible urge to explain our own and others' behaviour, to attribute it to some causes and therefore, to make it seem orderly, predictable and controllable. Why do we behave, think, and feel as we do in social situations? How are our thoughts, feelings and behaviours shaped by others? How do we make sense of our social world and how do we become social? How do we see ourselves? These are the type of questions that the course Man & Society seeks to address. Obviously, a huge number of variables play a role in answering these questions and many disciplines employ scientific techniques to answer these questions. However, in this course we will try to answer these questions from a socio-psychological perspective and use quantitative research to investigate how and why certain (socio-psychological) behaviours occurred.

EUC coordinator: Dr G. Noordzij & L. Giel, MSc

EC: 5

Level: 100

Prerequisites: n/a

Quad 3

ACC107 – Basic Statistics & Introduction to SPSS

Statistics deals with the collection, analysis, interpretation, and presentation of data. In this course, you will learn the basics of how to analyse data and how to interpret results from your analyses. You will also learn about more general aspects of the ways in which researchers go about testing hypotheses in such diverse fields as medicine, biology, psychology, economics and sociology. Analysing data by hand is often slow, tedious and error prone. So, in addition to learning about statistical theory, you will learn how to analyse data using your computer and a statistical software package.

EUC coordinator: T. Hulst MSc

EC: 5

Level: 100

Prerequisites: n/a

Quad 3

ACC108 – Modernity: From Enlightenment to Rationalisation

'Modernity', the French poet and angry young man Baudelaire once wrote, 'is the transient, the fleeting, the contingent (...)', a formulation that has become as famous for its heuristic power as it has become infamous for its interpretative flexibility. In this course we will discuss this elegant, yet slippery statement on the "essence" of modernity by looking into at least two of its many levels of interpretation, i.e. Modernity's social structures and its structures of experience.

Modernity, conceived as a historical period, is often sharply distinguished from so-called traditional societies by way of the manifold structural changes that occurred in the nineteenth and eighteenth century (and some would even point to the seventeenth century).

We will discuss this radical break or gradual transformation by means of several key witnesses that have been living through (and sometimes even actively shaped) the developments that have come to define modernity. We will pay particular attention to the Enlightenment and the industrialisation process. By reading texts from Enlightenment thinkers such as Immanuel Kant and Georg W. F. Hegel and critical thinkers such as Karl Marx, Hannah Arendt and Michel Foucault you will gain an understanding of the social situation in which they wrote and the historical moment they tried to grasp in words.

While reading and discussing texts from disciplines such as History, Philosophy and the Philosophy of History, we will focus on four interrelated questions that all circle around the notion of 'Timely Reflections.' What is the historical context of some of the most canonical thinkers on modernity? What can these thinkers teach us about their historical context? Why did all of these thinkers reflect on History (with a capital 'H') and the relation between the past, present and future? And why are their texts still relevant today?

EUC coordinator: Dr C. van der Veeke
EC: 5
Level: 100
Prerequisites: n/a
Quad 4

ACC109 – Project Development: Analysing Visual Cultural Representations

During this course students combine the skills gained over the past the year to undertake a research project from start to finish. Because students have the entire Quad to predominantly focus on their research, they are able to go in depth and do extensive research. The research project serves as a practice-run for the capstone. Students work in small teams to improve their collaborative skills, and receive guidance from their tutors in the form of several feedback sessions and teamwork coaching (including exercises).

The content of the course is aimed at honing students' media literacy skills, by engaging with a diverse range of mass media images. As Gillian Rose, the author of the handbook that we will use throughout the course, argues,

'We are almost constantly surrounded by visual technologies – photography, film, video, digital graphics, television, acrylics, for example – and the images they show us – TV programmes, advertisements snapshots, Facebook pages, public sculpture, movies, closed circuit television footage, newspaper pictures, paintings. All these different sorts of technologies and images offer views of the world; they render the world in visual terms. But this rendering, even by photographs, is never innocent. These images are never transparent windows onto the world. They interpret the world; they display it in very particular ways; they represent it' (2012, p.2).

Students will have to use their critical thinking skills to analyse the images – or cultural texts – that circulate in, and are so central to, the ways we make sense of our everyday lives, by applying the key visual methodologies of the social sciences and the humanities: content analysis (i.e., coding and counting) and textual analysis (i.e., decoding and interpreting). The combination of both quantitative and qualitative research methodologies exposes students to mixed methods approaches, and encourages them to work in an interdisciplinary manner.

EUC coordinator: T. de Groot, MPhil
EC: 5
Level: 100
Prerequisites: n/a
Quad 4

7. Interdepartmental Courses (INT)

7.1 INT courses 200 level

INT200 – Mathematics

This course will be offered in Quad 2, Quad 3 and Quad 4. In each of these Quads, the course will cover the same material and will have similar exams. However, there are some important difference in the structure of the course in the different Quads. These differences are:

INT200A - Quad 2

The course is based on online modules, which provide the theory and practice exercises. Each week, optional question hours are scheduled where you can ask questions about the material. There is a midterm and final exam. This set-up offers a high flexibility (no lectures or tutorials), and relies primarily on self-study. This version of the course is intended for students that have a considerable proficiency in mathematics.

INT200B - Quad 3

The course is based on weekly mandatory tutorials with homework and optional lectures. There is a midterm and final exam. If you tend to struggle with mathematics, you are advised to follow the course in this Quad.

INT200C - Quad 4

This version of the course is identical to the version offered in Quad 2 (see above).

Departments: ECB, LSC

EUC coordinator: Dr A. Petruchenya & T.B. Kik, MSc, LL.M

EC: 5

Level: 200

Prerequisites: n/a

Quad 2, 3 and 4

INT202 – Qualitative Research

Why do people do what they do? People can have many different motives for doing things and often construct their life worlds with others. Qualitative research is specifically suited to study the meaning systems of the participants in social life. In this course you will take the approach of the qualitative researcher. We will introduce you to the fundamentals of qualitative research and different qualitative research methods. Like all skills courses, we use a hands-on approach: in teams of 3-4 students you will think of a research problem, write an interview protocol and then go out to conduct interviews. For data analysis, you will learn about analytical methods, start to code your own data using the software program Atlas.ti, and identify and analyse patterns across the data. At the end of the course you will outline your findings in a research report and also present them to your fellow students in our mini-conference.

EUC coordinator: R. Kemmers, MSc

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses.

Quad 3

INT203 – Foundations of Political Economy

This course provides an introduction to the origins and evolution of political economy theory, concepts and practice. Political Economy studies questions that straddle the relationship between the state, economy and society. The aim of this course is to introduce students to some of the foundational work in the fields of economics and politics and explore the main ideas developed in

the analysis of the interconnectedness of state, market and society. To provide a coherent narrative to the students the course is structured chronologically, tackling important questions from the dawn of political economy to the urgent questions of the 21st century.

We therefore start with a historical introduction to the field and its classical thinkers, before exploring in more depth the contemporary market-institutional perspective on three urgent issues of political economy: welfare, inequality, and sustainability. Rather than learning about the complete body of works of particular authors, we focus on big questions and the answers that the authors brought to these specific questions. As much as possible, these question will be tackled dialectically by opposing at least two different viewpoints by different authors on the subject.

Departments: ECB, HUM

EUC coordinator: Dr G. Servant-Miklos

EC: 5

Level: 200

Prerequisites: n/a

Quad 3

INT204 – Intermediate Statistics I

This course builds on the material taught in Basic Statistics. The course will focus on the following statistical techniques:

- Simple and multiple regression, the assumptions of regression analyses and dealing with bias in regression models
- Several non-parametric tests for investigating differences between groups and associations
- Analysis of categorical data (χ^2 -test)
- Calculating power and effect size for several statistical techniques

You will learn the theory behind these commonly used statistical techniques, apply these techniques using SPSS, and interpret the results garnered from SPSS.

EUC coordinator: T. Hulst, MSc

EC: 5

Level: 200

Prerequisites: ACC107 Basic Statistics

Quad 2

INT206 – Data Visualisation

In this course students discover why data visualisation is becoming increasingly important – both in the field of journalism and in the field of science. There are nowadays more and more unseen data that can or should be disclosed. Visualisation is the apparent answers to open up this vast amount of ‘big data’. Data visualisation is also needed to communicate effectively with an audience that is overloaded with information. Researchers who want to successfully disseminate their work should also think about how to construct compelling and effective visualisations. Basic knowledge of data visualisation principles will also help us to understand and apply data visualisation tools and techniques that have become freely available on the Internet, and to interact with data visualisation libraries and online communities. Data visualisation also enables us to incorporate the vast amount of open data, in particular since national governments and international organisations have opened their databases and made them accessible through interactive data visualisation tools.

Departments: ECB, HUM

EUC coordinator: B. van der Vlist, MA, MSc

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

INT207 – Intermediate Statistics II

Building upon what you have learnt in Intermediate Statistics I, you will learn how to perform more advanced analyses in this course. This course will guide you through a number of intermediate level statistical analysis, including:

- Moderation and mediation analyses and regression with categorical predictors
- Analysis of Variance (ANOVA); Analysis of Covariance (ANCOVA), Factorial ANOVA, Repeated Measures ANOVA, and; Mixed ANOVA.
- Logistic regression

You will learn the theory behind these commonly used statistical techniques, apply these techniques using SPSS, and interpret the results garnered from SPSS.

EUC coordinator: T. Hulst, MSc

EC: 5

Level: 200

Prerequisites: INT204 Intermediate Statistics I

Quad 4

INT210 – The Climate Crisis: Ecology, Economy & Politics in the Anthropocene

There is consensus among scientists in fields that are contributing to the study of climate change that mankind has a negative impact on our climate and that we are rapidly running out of time to avert a catastrophically changed climate. Still we – mankind, as a whole - do not seem to be in a hurry to change the ways in which we have organised our everyday lives, our economies and our societies. Why? And what is to be done?

In this course we discuss the ways in which we shape the climate and the climate has shaped, and will continue to shape, us – from the very distant past to the not so distant future. By combining perspectives from philosophical anthropology, political economy and (geo)politics students get a thorough introduction in the problematic of climate change. Throughout the course we pay particular attention to the concept of the Anthropocene as well as its uses and abuses in popular discourse and academic disciplines as varied as climate sciences, geology, social sciences or the humanities.

Departments: HUM

EUC coordinator: Dr C. van der Veeke

EC: 5

Level: 200

Prerequisites: n/a

Quad 3

INT212 – Applied Game Theory

Game theory is a mathematical tool, which provides a unified analytical structure for studying all situations of conflict and cooperation. It is viewed as one of the outstanding intellectual advances of the last decades (as exemplified by several Nobel Prizes). Game theory intersects with many disciplines. This course will introduce the basic ideas of game theory and apply them to the strategic settings in different fields including economics, business, political science, history, international relations, and evolutionary biology.

A setting is strategic when it is characterised by interdependence, i.e. in order to choose the best action a person needs to consider how others around him decide on their actions. A strategy, the core concept in this course, is fundamental to social interaction. Throughout the course we will incrementally introduce game theoretic concepts in order (i) to understand how individuals actually behave in strategic situations and how strategic forces influence final outcomes (positivist approach), and (ii) to be able to say something about how they should be advised to behave

(normative approach). This course includes topics from non-cooperative, cooperative, and evolutionary game theory.

The aim of this course is three-fold:

1. Master the game theoretic way of thinking;
2. Practice the logic of a game-theoretic argument by applying it to examples in different disciplines;
3. Be able to improve upon multi-person strategic situations.

Departments: ECB

EUC coordinator: Dr A. Petruchenya

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

7.1 INT courses 300 level

INT311 – European Integration: An Interdisciplinary Perspective

The end of WWII engendered the world's most far-reaching experiment in international cooperation between sovereign nation states. European countries embarked on a process of integration which has brought them peace, stability and prosperity. Yet, on the European Union's 60th anniversary, celebrations are noticeably muted with citizens' support for European integration flagging. How come?

This course explores the historical, political, and economic background to European integration. It will elucidate the EU's unique origins, institutions and competences, and debate its place in the world and its relationship to member states. The course sets out to provide the theoretical foundations to critically discuss questions on EU governance, key policy areas, crises and reforms, and to contemplate the EU's future.

Departments: HUM, SBS & ECB

EUC coordinator: P. Livaha, JD & Dr C. van Wijnbergen

EC: 5

Level: 300 (recommended to take in year 2)

Prerequisites: n/a

Minimum number of students: 8

Maximum number of students: 24 (priority for students majoring in Political Science & International Relations)

Quad 2

INT312 – Health Psychology

Why do people smoke, refuse vaccination, have unsafe sex, eat unhealthily and are physically inactive despite the health risks? How can we help individuals, communities and societies to live healthier and maintain these behaviours to prevent diseases? In this course, we will explain how health psychology can be used to address behaviours that can affect our health. We will do this by (1) explaining how biological, psychological, and sociocultural factors contribute to physical, mental, and social wellbeing, and by (2) exploring health promotion intervention design in a hands-on manner.

EUC coordinator: Dr M.A. Hartman, S. Breuër, MSc

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

8. Courses Economics & Business (ECB)

8.1 ECB courses 200 level

ECB200 – Principles of Management

The course Principles of Management will introduce you to the field of business administration and its various sub-disciplines. Business Administration is an interdisciplinary and a context-based field of study concerned with the organisation and the market environment of businesses. It is a problem-oriented discipline focusing on issues within organisations (how does an organisation set different goals and objectives?) and the interaction and relationship of the business with its surrounding (how do political factors affect the business?).

Similar to the discipline itself, this course will be context-based, using cases and examples presenting the latest business developments and current challenges business face for students to better understand the business world. Topics that will be discussed include the global context of business (business environments and business types), the business of managing, people in organisations (Human Resource Management, leadership and teams), managing information (IT), principles of marketing and finance, and political, social, economic, technological and ethical considerations affecting business. The course will provide basic knowledge on business therewith preparing you for more specialised 200 and 300 level Economics & Business major courses.

EUC coordinator: Dr H. Verhoeven

EC: 5

Level: 200 (recommended to follow in year 1)

Prerequisites: n/a

Quad 4

ECB201 – Microeconomics

This course will provide the basic tools and training in microeconomics. It begins with the study of consumer behaviour and how their choices form the basis of demand in an economy. Firm behaviour is studied next to understand the input-output decisions of firms and to see where supply comes from. The third part brings together both sides of the economy and different market structures are discussed. Finally, strategic interaction between economic agents is the topic of the last part. Throughout, applications are provided to help understand why economic theory can be used to study behaviour in the real world.

EUC coordinator: T.B. Kik, MSc, LL.M

EC: 5

Level: 200

Prerequisites: INT200 Mathematics

Quad 1

ECB203 – Macroeconomics

Macroeconomics is the study of the structure and working of an economy as a whole, rather than of individual markets. It defines the main variables in the aggregate economy (GDP, inflation, unemployment), and studies how they behave, in particular how they react to economic shocks and policy decisions, over different time horizons. Two important subjects of macroeconomics can be identified: the study of the causes and consequences of short-run fluctuations in national income (the business cycle), and that of the determinants of long-run economic growth (increases in national income). We will see how macroeconomic models and their predictions are used by governments to assist in the development and evaluation of economic policy.

EUC coordinator: Dr G. Domini

EC: 5

Level: 200

Prerequisites: INT200 Mathematics

Quad 2

ECB204 – Corporate Finance

Finance appears to be at the nexus of recent political developments, not least due to its effect on the recent financial crisis. Corporate finance is much more than a collection of equations, matrices and models. Corporate finance is a set of first principles that govern how we run businesses. This is an introductory finance course that addresses the key decisions and issues faced by senior financial officers in corporations and the analytical frameworks and approaches that are helpful in addressing these issues. This course is an extensive introduction to the basic tools, techniques and theories that are necessary to understand the financial decision-making in the modern corporation. At the end of this course you will be able to apply Corporate Finance to unstructured real-life problems, get the bigger picture before you press the button, and be able to make numerical exercises as well as understanding the theories/models behind them.

EUC coordinator: S. Hoxha, PhD candidate

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses

Quad 3

ECB205 – Marketing

In this course, the characteristics and management of markets are described in topics that include the marketing environment, components of the marketing mix, market segmentation, and planning. How do companies decide what products to sell or what services to provide? Is it important when the companies introduce the products/services into the marketplace? How do they know who will buy the product or use the service? What are some innovative new products/services that you think will experience growth in the next five years? What makes you think that these items will be successful? In completing this course you will explore some of the basic elements of marketing and answer these and other questions as you research and construct marketing functions as they apply to products/services currently on the market. The analytic part of the course moves from the general to the specific. The course is oriented around understanding the three C's (customers, company and competitors), developing a strategy for the chosen product/market(s) and translating this strategy into more specific plans through the elements of the marketing mix, the four P's (product offering, pricing, promotion and physical distribution).

EUC coordinator: Dr E. Yalciner-Smit

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

ECB206 – Leadership Studies

The prominent leadership scholar James MacGregor Burns famously stated that leadership is one of the most observed but least understood phenomena on earth. The popularity of leadership can indeed hardly be overstated. For example, the term 'leader' results in almost one billion hits on Google and about 3 million on Google Scholar. Although leadership is a powerful term it is also often weakly conceptualised. In this course, we aim to move beyond this by discussing the notion of leadership in depth. We will study among other things the historical development of important leadership theories, discuss the differences and similarities of leadership in the public and private sector and show various methods to study leadership. When doing this, we will use insights from various disciplines, such as psychology, sociology, public administration, business administration.

In this way, we increase our understanding of leadership so that students and professors can study it and practitioners can use these insights in their work.

EUC coordinator: Dr H. Verhoeven

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

ECB207 – Principles of Econometrics (previously Intermediate Statistics II for Economists)

Does Okun's law hold in practice? Does the Phillips curve really exist? In this course you will learn how to perform empirical analyses to answer this kind of questions. The course is strongly build upon what you have learnt in Basic Statistics and Intermediate Statistics I and is specifically aimed at students with a major in economics.

During the course we will discuss important concepts for time series such as stationarity, unit roots and autoregressive models. Moreover, you will learn how to perform the analyses in the software program Stata.

EUC coordinator: T.B. Kik, MSc, LL.M

EC: 5

Level: 200

Prerequisites: ACC107 Basic Statistics & Introduction to SPSS, INT204 Intermediate Statistics I

Quad 4

ECB208 – Behavioural Economics

Behavioural economics is the exciting innovation in Economics attempting to incorporate psychological and empirical insights into Economics. Though it is still a relatively new field, already several behavioural economists have won Noble Prizes and its insights are leaving their mark on such diverse fields as micro- and macroeconomics, public economics, health sciences, psychology, political science, marketing, and finance.

In this course we will examine what it means to make rational choices and inferences and how people often fail to live up to those standards. We will discuss the explanations that behavioural economists have provided for this. We will also perform experiments in the lectures so you can see how the findings of behavioural economists apply to yourself and learn how to interpret experimental data. After the course you will know how and why people waste money on poor investments and bad products, overestimate some risks while underestimating others, are influenced by framing, struggle with self-control, and make strategic mistakes. You will also be able to apply behavioural insights to new situations to predict and understand people's decisions and to help them (and yourself!) make better choices.

EUC coordinator: Dr A. Petruchenya

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

ECB209 – Strategy

Business strategy is a field of study concerned with developing the understanding of why some firms are more successful than others. To succeed, managers must develop the resources and capabilities needed to gain and sustain advantage in competitive markets—traditional and emerging. The way in which organisations attempt to develop such competitive advantage constitutes the essence of their strategy. This course introduces the concept of strategic management through readings, discussion and case analyses, and considers the basic direction

and goals of an organisation, the environment (social, political, technological, economic and global factors), industry and market structure, and organisational strengths and weaknesses. The emphasis is on the development and successful implementation of strategy in different types of firms across industries.

The class is structured with (guest) lectures to present theoretical concepts and how those apply in practice. The PBL sessions as well as the strategic case analysis and written report ensure that students understand and apply the concepts during each class session.

EUC coordinator: Dr E. Yalciner-Smit

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

8.2 ECB courses 300 level

ECB301 – International Economics

International economics deals with issues raised by the interactions between countries. It can be divided into two major parts: international trade and international finance. The first deals with the *real* side of international economic relations, i.e. the exchange of goods and services, and answers questions like: why do countries trade? What do they trade? What are the consequences of trade, and how is it regulated by policy? The second deals with the *monetary* side, i.e. the exchange of assets, and focuses in particular on how the exchange rate between two currencies is determined. Although macroeconomic quantities are at the core of the analysis, these will usually be built up from a microeconomic perspective. The nature of the subject implies that international economists frequently find inspiration elsewhere for their applications, for example from geography, econometrics, development, monetary economics, industrial organisation, etc. This approach results in a rich diversity of insights, nonetheless characterised by a remarkable coherence.

The purpose of this course is:

- To understand the basic theories and concepts in international trade and international finance.
- To gain knowledge about the world economy as such and the economic interactions between countries.
- To understand that the macroeconomic relations at the core of the analysis of international economics are usually built up from a microeconomic perspective.

EUC coordinator: Dr G. Domini

EC: 5

Level: 300

Prerequisites: ECB203 Macroeconomics

Quad 3

ECB303 – International Business Environment & Governance

Effective decision-making in an international business environment requires understanding the operation of different types of market economies and institutions of regional economic governance. This course is designed to provide you with an understanding of the institutional environment in which international businesses operate.

The course is divided in two parts. In the first part, we study business and politics in the European Union. In particular we analyse how ongoing debates (for example, on Brexit, the relationship with China, EMU, or the rise in populism) impact businesses in the European Union. In the second part of the course we study the comparative political economy of 'varieties of capitalism'. In particular, we examine the institutions and functioning of capitalist systems in coordinated, liberal and emerging market economies. Furthermore, we study the process of transition to a modern and open capitalist economy from a closed system. Finally, we will be learning about thematic issues, such as intercultural management challenges or lobbying practices in a foreign environment.

EUC coordinator: Dr C. van Wijnbergen

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

Maximum number of students: 24 (priority to third-year students majoring in Economics, Business and Society and majoring in Business)

ECB304 – Impact Evaluation

Does a university degree raise your future wage? Does increasing the legal retirement age maintain individuals longer at work? Does restricting the bonuses of portfolio managers lead to less risk

taking? Does development aid raise economic growth? Answering such questions requires a valid method of evaluating the effect of interventions.

In medicine one patient group is randomly assigned to a treatment while others receive a placebo. Identifying the effect of treatment is then relatively straightforward. In business, economics and social policy, such randomised experiments are often infeasible, unaffordable or considered unethical. Statistical methods must then be used to estimate the effect of an intervention relative to a counterfactual. This often calls for a great deal of creativity on the part of the analyst.

This course will give a non-technical overview of the intuition behind the most frequently applied evaluation methods in economics. The students will learn the required steps in a valid evaluation, the distinction between correlation and causal effects, the assumptions of different methods and in which situation each method can be used.

EUC coordinator: Dr A. Petruchenya

EC: 5

Level: 300

Prerequisites: INT204 Intermediate Statistics I, INT207 Intermediate Statistics II or ECB207 Principles of Econometrics (previously Intermediate Statistics II for Economists)

Quad 3

ECB307 – Economics of Markets & Organisations

Game theory is the study of strategic interaction. It is a structured approach to analyzing situations in which there is room for cooperation and conflict. Such situations are abundant in markets, organisations, and beyond. This course provides an introduction to the use of game theory in a variety of contexts, in particular, bargaining and negotiation, contracting, and auctions. The emphasis of the course is on developing skills to approach problems in a structured and systematic manner. The course aims to promote a careful approach to strategic situations, without undue emphasis on technicalities. The reading material assigned for this course is illustrative of the sort of game-theoretic reasoning this course seeks to promote.

EUC coordinator: Dr Z. Sharif

EC: 5

Level: 300

Prerequisites: ECB201 Microeconomics

Quad 4

ECB311 – Entrepreneurship

In this course we will introduce entrepreneurship as an academic discipline and we will discuss some important aspects of starting a new venture. This course contains a concise introduction to the domain of entrepreneurship theory and practice. Entrepreneurship is all about identifying opportunities and pursuing them. Understanding the origins of such opportunities is key for entrepreneurs and existing companies alike in order to develop business models that will effectively create and capture value. In this course students will focus on three views of entrepreneurship theory: entrepreneurship, corporate entrepreneurship and social entrepreneurship. Entrepreneurship is not just a process but also a mind-set; it is behaviour. Students will also develop that mind-set by exploring the first stages of entrepreneurial process: the identification and evaluation of opportunities and the search for viable business models. This course is a crash course in the (theoretical) foundations of entrepreneurship and a pressure cooker module for developing a business case and presenting it in front of a jury.

EUC coordinator: N. Ugur, PhD candidate

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

ECB315 – HR Management

Human Resources have increasingly been recognised as a source of competitive advantage and as such good people management is vital for organisations. The course is designed to develop a thorough knowledge and understanding of the effective management of people. After exploring the theoretical origins of HRM, the emergence of HR strategy and the relationship between business strategy and HRM strategy, the course will focus on discussing and analysing important HRM activities such as HR planning, job analysis and job design, recruitment and selection, and performance management. A deepened understanding of the strategic character of these practical HRM activities provides students with the knowledge and skills required for the integration of HR policies into a coherent HRM strategy, which implementation will contribute to a high-performance organisation.

EUC coordinator: Dr H. Verhoeven

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

ECB316 – Organisational Theory

This course on organisations, grounded in the interdisciplinary field of organisation theory, aims at instilling in students a dual understanding of the behaviour of organisations as social entities unto themselves and as constituents of larger environments. This course will therefore cover two broad theoretical pillars through a practical perspective. First, we will analyse the structural, technological, cultural, and physical elements of organisations. Students will study such contemporary concepts and frameworks as organisational forms, organisational technology, contingency theory and organisational culture.

Second, we will come to a deeper understanding of how firms navigate and seek to control their task and institutional environments. To achieve this, students will have to become acquainted with theories and frameworks like resource dependence theory, institutional theory, and organisational ecology theory. Students will discover the workings of all of these concepts by engaging deeply with a set of real organisational problems through case studies.

EUC coordinator: Dr E. Yalciner-Smit

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

9. Courses Humanities (HUM)

9.1 HUM courses 200 level

HUM202 – The Avant-Garde: Experimental Art, Photography & Film

Avant-Garde is the French military term for front-guard and is generally used to describe the most adventurous manifestations of modern art, photography and film. Art – in the broadest sense of the word – that forges ahead, breaks down barriers and challenges the status quo, but at the same time, art that is difficult, sometimes incomprehensible and elitist. Through a combination of the humanities and sociological perspectives, we will trace the roots of the Avant-Garde, examine the challenges that avant-garde artists faced and discuss whether avant-garde art is still possible today. The aim of the course is to create insight into the relationships between the visual arts and society from – roughly - 1850 to the present. Students will become familiar with the most influential visions on avant-garde art, the most influential critiques of avant-garde art, and the most ‘canonical’ examples of avant-garde art. Students will be able to think, write and talk about avant-garde art in its historical and social context; research appropriate literature; and create self-formulated questions.

All this will lead up to a symposium that we will organise at the end of the course, during which students will present and discuss short papers about the several themes that we discussed during our lectures and museum visits.

EUC coordinator: C. Somzé, MA

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

HUM205 – Understanding Contemporary Art

In this course we provide students with the art historical, theoretical and critical tools to come to terms with the artistic production – the visual arts, especially - of the post-war period. In doing so, students get a better understanding of both the arts and the contemporary. Throughout the course students combine theoretical discussions on the status of art (‘What is Art?’) and the nature of periodisation (‘what is the Contemporary?’) with critical analyses of singular artworks by canonical artists such as Duchamp and Warhol, Nam June Paik and Gerhard Richter, Jeff Koons and Damian Hirst as well as visits to galleries, museums and exhibitions.

EUC coordinator: C. Somzé, MA

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

HUM206 – Early Modern Political Philosophy

Politics speaks to us all. Some of us are involved only as citizens; others also as activists, analysts, reporters, or academics. The concepts we use, the positions we defend and the various practices we take part in belong to a tradition of thought that is as rich as it is fundamental to understanding our own society and politics in general. This course offers an overview of the most influential thinkers and themes of political philosophy from the Renaissance to the Enlightenment.

The week-by-week activities of the course will centre around an influential theorist and one of his key contributions. For example, Thomas Hobbes’ innovative theory of sovereignty continues to have an enormous influence on work in the fields of international relations, sociology, political theory, history, and philosophy. By introducing such ideas in their historical context we can make

them meaningful in terms of the problems the theorist meant to address; conversely, by having a conceptual interest in their theories we can read them in a way that emphasises the relevance of these classic works to our present world. For this reason, the orientation of the course will be both philosophical and historical. The course is a must for anyone interested in the meaning and history of such concepts as virtue, sovereignty, power and rights.

Coordinator: Prof H. van Ruler (Fellow FWB)

EUC coordinator: Dr J. Kloeg

EC: 5

Level: 200 (recommended to follow in year 1)

Prerequisites: n/a

Quad 2

HUM207 – Revolutions in World History (previously Jesus & Muhammad)

This course reflects on world history from the perspective of various revolutionary moments that have shaped, or are perceived in hindsight to have shaped, the historical trajectories of human civilisations and societies, and have influenced how we live our daily lives today. Reading materials will delve into the concept of 'revolution' and look into key moments throughout world history and across geographical regions through the lenses of various technological, scientific, political and/or social revolutions. Topics include, but are not limited to, the shift from oral- to literate cultures, the rise of agricultural societies, the emergence of cities, the circulation of money, the professionalisation of armies, technologies of planetary exploration, and the scientific revolution. Reading materials are selected from multiple disciplines, including global history, anthropology, and philosophy.

EUC coordinator: Dr R. van den Akker

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

HUM208 – Literature & Politics

Literary movements and - styles do not emerge in a vacuum but are closely related to their proponent's relation to the literary tradition, their reaction to their social context and their attitudes towards the future. There is, in other words a politics of literature as much as a literature of politics. From the Romantic poet Percy Bysshe Shelly to contemporary hip-hop icon Kendrick Lamar, literary artists have been unambiguously preoccupied with questions of power, resistance and agency. Taking the emergence of 'modern' literature around 1800 as a starting point, this course will trace some of the relations between literature and politics up until the present. Rather than privileging one type of politics of literature over the other, students will engage with multifarious constellations of literature and politics through different theoretical orientations, historical contexts and literary genres. Each week will be centred around a particular theme (e.g. Literary Autonomy, The Politics of Literary Form, Literature and Community). We will read theoretical texts in conjunction with literary texts, from graphic novels to radical poetry and from feminist auto-fiction to utopian afrosci-fi. Ultimately, this course aims to provide students with the conceptual and analytical tools to reflect on and reimagine the possible relations between literature and politics.

Coordinator: Prof F.W. Korsten (Fellow, Leiden University)

EUC Coordinator: Çağlar Köseoğlu, MA

EC: 5

Level: 200

Prerequisites: n/a

HUM209 – Analysing Contemporary Literature

Literary texts are the most complicated things that people have built with language. Instead of following the cliché that literary texts are best to be enjoyed and not studied as they might lose their literary quality, this course follows the opposite route in allowing students to experience that literary texts become only the more interesting when we study them closely. We will focus on prose texts first, then poetry, then theatre plays. Finally, we will consider how the analysis of texts can also be translated to the analysis of film. Each week will be centred around specific analytical tools. We will use theoretical texts in conjunction with literary texts, and these will vary not only from one generic mode to another but also in terms of style. We will study, for instance, more formal poetry and poems that are radically experimental. Ultimately, this course aims to provide students with the analytical tools that allow them to trace how texts are constructed, and analyse how texts do something to their readers, viewers or listeners. Moreover, the course will train the students' ability to close read and do justice to the complexity of texts.

Coordinator: Prof Dr F.W. Korsten (Fellow, Leiden University)

EUC Coordinator: Ç. Köseoğlu, MA

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

HUM210 – Critical Theory

This course introduces students to critical theory and aims to equip students with the conceptual tools forged by some of the major scholars working in the critical tradition such as Horkheimer, Adorno and Marcuse (The Frankfurt School), Foucault and Deleuze & Guattari (The Paris School) and Williams, Hall and Gilroy (The Birmingham School). Students learn to apply critical theory as a "martial art": a means of self-defence against discursive and non-discursive structures of violence without having the right for unfair attacks (i.e., submission to the rules of responsible speech). The course provides students with the necessary historical and theoretical background needed to understand later developments in the fields of critical theory and cultural analysis (as offered by the various majors in the Humanities) and the skills to become "Critical World Citizens" in the present.

EUC coordinator: Dr F. van Houdt

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

HUM211 – Late Modernity: Globalisation, Neoliberalisation, Mediatization

From the mid-twentieth century onwards, most theorists agree, several social, technological, economic and institutional developments reconfigured western capitalist societies to the extent that we can speak of a shift from modernity to 'late' modernity. Large blue-collar industries got 'out-sourced' or 'off-shored', changing the economic basis of whole urban regions and the cultural geography of what came to be called the post-industrial city. Nation states, meanwhile, had to adapt to a new role in a globalizing economy, whilst partly delegating their sovereignty to supranational institutions. New communication technologies and consumer electronics altered the relation between space and time and the experience of the world. And the institutionalised drive towards neo-liberalisation redefined the relationship between citizens and nation states and markets, as well as inaugurated new regimes of capital accumulation and unprecedented levels of inequality. Despite all of these changes, the cognomen 'late modernity' indicates that these developments should not be conceived of as so many radical breaks with the processes that underpinned modernity, but rather as both a continuation and a transformation of these processes.

As the course's subtitle suggest, we will outline and analyse the shift from 'classical modernity' to 'late modernity' by focusing on the different, yet related processes of globalisation, neoliberalisation, and mediatisation.

EUC coordinator: Dr F. van Houdt

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses

Quad 3

HUM212 – Images & Power: Foundations of Media Studies (previously Representation)

Today's culture is a visual culture. Since the 1970s, the social sciences and the humanities have increasingly turned their attention to the many ways in which visual technologies and images have come to play a central role in the construction of the shared meanings, or mental representations, through which our social practices are structured. Images reproduce power relations as much as they can contest dominant ways of seeing, and thinking about, the world. In this course we will analyse representations of class, gender, race and sexuality that circulate in the media by discussing and applying various key texts and methodologies from the fields of media studies and cultural analysis. Students read foundational texts by authors such as Marshal McLuhan, Roland Barthes, Stuart Hall, and Laura Mulvey in a weekly seminar and apply various visual methodologies in order to analyse a self-selected set of images in our weekly workshop.

EUC coordinator: Dr R. van den Akker & T. de Groot, MPhil

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

9.2 HUM courses 300 level

HUM302 – Aesthetics & Politics: A Genealogy of Social Order

Aesthetics & Politics provides an exciting journey through the landscape of art and politics, showing both the main views and some more intricate hidden aspects of their interrelationship. Based on cutting-edge thought about the status of philosophy and art in history, the course outlines several 'regimes of perception' that structure the way we perceive the world, think about it, act in it, and judge on it. We will see how this is manifested in and expressed by famous works of philosophy, as well as in art works in such diverse fields as music, painting, literature, and architecture. These themes will be interspersed with sociological views regarding the structural divisions in society, such as class distinctions, elites versus mass, and the role of ideology in Modern times. We aim to convey that society and its representations in art and (political) philosophy are neither neutral nor self-evident, but always figure within political and aesthetical frameworks that determine what is visible and what is not, what counts and what does not.

This course clarifies the sometimes confusing but always intricate and multifaceted relation between art and politics as it has determined Western history and culture – from Ancient Greece to Medieval Times to Modernity. This long story begins millennia ago with the start of Western philosophy, back in the days of Socrates, Plato and Aristotle and the tragedians Sophocles and Euripides. The way they make the world visible and make us experience it has had a decisive influence on Western culture – on the relation between poetry, music, painting, crafts and philosophy. The second half of the course will focus on these elements of art and culture in modernity, showing how they relate to politics and society. We will see how a wide range of artistic forms and practices give expression to new notions of freedom and politics.

Coordinator: Dr G. van Oenen (Fellow, FWB)

EUC coordinator: Dr C. van der Veeke

EC: 5

Level: 300

Prerequisites: n/a

Quad 2

HUM303 – Multiple Modernities: Historical Perspectives from the Global South (previously Globalisation)

In popular imagination, there seems to be an increasingly common view of 'East' and 'West' as monolithic entities that differ fundamentally from each other. Historians, philosophers and social scientists have been both involved and concerned with these essentialising labels. The 'Global South' is the most recent iteration of a historical, political and economic trend to create geographies based in binary terms.

Adopting the Global History approach within the scientific study of history, a subfield that has engendered great scholarly interest in recent years, we will look at globalisation as an historical process, and at the Global South as a political, economic, and imagined space.

Globalisation and Global History do not refer to the study of the entire world. Rather, they are scientific concepts that describe different processes of political, economic and cultural interaction. We will explore historical dimensions of globalisation as a process that has encompassed the globe. The starting point is recognizing the notion of 'multiple modernities': differing experiences departing from the notion of 'modernity' as a universalistic Western concept. It thus seeks to highlight voices and perspectives that have traditionally been un(der)-represented in traditional curricula and popular discourse.

Topics covered in the course include economic interdependencies, the use and purpose of colonial violence, decolonisation and transnational solidarities. Finally, we will look at our own historical moment and think through the present-day reverberations of past interactions.

EUC coordinator: Ç. Köseoğlu, MA
EC: 5
Level: 300
Prerequisites: n/a
Quad 1

HUM305 – Digital Cultures & Information Wars: Algorithms, Memes & More (previously Analysing Network Culture: Digital Media & Society)

Since the turn of the millennium the democratisation of information- and communication technologies and the proliferation of social media have significantly changed our social interactions and social structures, economies and businesses. This course analyses the digitalisation of everyday life by using case studies of large new media organisations (Google, Facebook, Twitter, Wikipedia, Uber, etc.) structured around themes such as algorithms, filter bubbles, troll farms, meme cultures, 4chan, the platform economy, information wars, and post-truth politics. It addresses these cases and themes from the perspective of Media Studies, Political Economy and Science and Technology Studies, three very influential critical traditions within the field of cultural analysis.

EUC coordinator: C. Dwyer, MA
EC: 5
Level: 300
Prerequisites: n/a
Quad 3

HUM306 – Watching Film & Television: Analysing Visual Culture

Film and Television, as all art forms, have a language that can be critically analysed to come to a better understanding of the various ways in which specific moving images create meaning and affect viewers. This language is medium-specific and includes categories such as Movement (Plot, Montage, Camera movement, Performance) and Image (Frame, Composition, Colour, Lighting, Camera shots). In the course Watching Film & Television, students learn to understand and speak this visual language by analysing film classics by directors such as Fritz Lang and Sofia Coppola, as well as contemporary examples of so-called Quality Television series such as The Sopranos and Mad Men.

EUC coordinator: C. Dwyer, MA
EC: 5
Level: 300
Prerequisites: n/a
Quad 2

HUM307 – Feminist Philosophy: Bodies, Binaries & Beyond

This course introduces students to the field of feminist philosophy through key texts by some of the most prominent figures in the field, such as Simone de Beauvoir, Judith Butler, Audre Lorde, Donna Haraway and Luce Irigaray. Through the analysis of these texts, we will engage with a genealogy of feminist philosophy and explore one of its most contested sites of debate: the body.

We will start by critically assessing mainstream canonical philosophy, which has relied on a hierarchically charged binary opposition between mind and body that also correlates with the opposition between masculinity and femininity. The course will examine how such binary thinking relates to structural (gender) inequalities, and how this has elevated the theorizing of the body in critical feminist thought. By unpacking different feminist positions regarding the themes of embodiment and binaries, students will develop an understanding of key traditions within the field

of feminist philosophy, including sexual difference theory, gender performativity, feminist phenomenology and feminist new materialisms.

EUC coordinator: A. Groen, MA & Dr F. van Houdt

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

HUM308 – Contemporary Political Philosophy

Ever since the advent of the 20th century, political philosophers have felt the need to conceptually restructure and philosophically legitimise the notion of a 'liberal representative democracy'. This process is still going on, as can be seen in the writings of many contemporary political thinkers. In this course we focus on several key debates – and bones of contention – on liberal democracies in contemporary political theory and political philosophy. Central concepts include: justice, legitimacy, deliberative democracy, antagonism, ideology and inclusion. These concepts will be discussed in reference to thinkers as diverse as Carl Schmitt, Jürgen Habermas, John Rawls and Chantal Mouffe.

EUC coordinator: Dr C. van der Veeke & Dr J. Kloeg

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

HUM309 – Post-Colonial Theory: Critical Perspectives from the Global South

This course will engage with theoretical discussions in postcolonial studies. Through texts by some of the major theorists of the field, such as Edward Said, Homi Bhabha and Gayatri Charkavorty Spivak, we will critically examine the cultural logic of colonialism, neo-colonialism and imperialism as well as their present-day remnants. In addition, we will explore processes of decolonisation, not only of lands, but also of cultures, identities and minds. The Other, hybridity, orientalism and the subaltern are among the concepts that we will take up and mobilise to these ends. In the most general sense, this course will provide a framework to critically assess notions of Western modernity, civilisation and historiography.

EUC coordinator: Ç. Köseoğlu, MA & Dr F. van Houdt

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

HUM310 – Close Reading Nietzsche: The Gay Science

This course spans the entire academic year – starting in quad 1 and ending in quad 4. During the course we come together for seven (7) sessions in a seminar setting (mixing 'close reading sessions' and 'discussion') and throughout the year you will read - from cover to cover - one of the major works by one of the pivotal thinkers in continental philosophy: Friedrich Nietzsche. You may have heard about him – and if you haven't, you probably heard about one of his famous philosophical concepts (such as nihilism, God is Dead, the Last Man, the 'Übermensch', The Eternal Return of the Same, etc.). This year we read Nietzsche's classic *The Gay Science* (orig. 1882). Your final assignment will be a review essay.

EUC coordinator: Dr J. Kloeg

EC: 5

Level: 300

Prerequisites: n/a
Quad 1 - 4

10. Courses Life Sciences (LSC)

10.1 LSC courses 200 level

LSC201 – Plant Biology & Diversity

As sessile organisms, plants must be able to interpret and respond to their environment to grow and survive. They also live on a different time scale than animals, and even though their life is highly complex and often surprising, most of it is invisible (or still unknown) to humans. This course will therefore teach you the basics of plant biology, including plant structure and morphology, metabolism, reproduction, genetics, evolution and systematics. The main goal of this course is to remove all vestiges of zoocentrism from your mindset, giving you the tools to appreciate the uniqueness and specificities of the Plant Kingdom. You will be able to (i) distinguish the plants from other life forms, (ii) understand how a plant is structured, and which modifications have evolved to cope with the different terrestrial environments, (iii) describe the different parts of a plant by using appropriate botanical terms, (iv) discover why plants are the life sources for food and oxygen for all organisms on Earth, (v) understand the significance of the diplobiontic life cycle of plants, and (vi) appreciate the intricate biochemical and signalling networks of plants, including those of photosynthesis, hormone action and communication with other plants and organisms. Finally, the students will be introduced to the richness of plant diversity resulting from eons of evolution, and to enter a natural area and distinguish the plants encountered as being either Bryophytes, Pteridophytes, Gymnosperms or Angiosperms. The course will be supported by extra activities, such as a visit to a botanical garden.

EUC coordinator: Dr S. Mugnai

EC: 5

Level: 200

Prerequisites: Biology proficiency (or LSC214 General Biology)

Quad 4

Maximum number of students: 36 (priority for students who follow the major Life Sciences)

LSC202 – Biochemistry

In this course, the basic aspects of cellular biochemistry will be covered. The biosynthesis, structure and function of all groups of biomolecules will be discussed, as well as the mechanisms that allow living cells to generate energy and to produce their essential building blocks. You will learn about the general principles of biochemistry among the plant, animal and bacterial kingdoms, but also focus on the specific differences between these groups.

EUC coordinator: Dr C. Vink

EC: 5

Level: 200

Prerequisites: Biology proficiency (or LSC214 General Biology)

Quad: 1

LSC203 – Computer Science M

Most students are comfortable using commercially available software, like Excel or Adobe Photoshop. However, the power of being able to use computers expands dramatically when one learns how to think like a software engineer and how to design and even write one's own computer programs. Programming, or "coding", is an essential skill for a large number of academic and commercial activities. This course is an introduction to programming simple algorithms that can be extremely useful throughout anyone's career. This course aims to provide students with an understanding of the role computation can play in solving problems. It also aims to help students, regardless of their future direction, to feel justifiably confident of their ability to write programs that allow them to accomplish useful goals. The course uses the Matlab (M) programming language as

an example, as it is easy to learn and useful in many scientific fields, and the acquired coding skills and the programmer's mindset will be easily transferred to other programming languages.

EUC coordinator: Dr A. Mora Cortes and Dr C. Müller

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

Maximum number of students: 40 (priority for students who follow the major Neuroscience)

LSC204 – Molecular & Cellular Biology

This course will introduce you to the fundamental principles of 'life', with a focus on molecular and cellular biology. Cell biology studies the structure, function, and behaviour of cells, whereas molecular biology describes the molecular basis of biological activity between various biomolecules (like DNA, RNA and proteins). The course begins with an overview of the main features of bacterial, plant and mammalian cells and goes on to introduce the key molecular players in the cells, i.e. proteins. Techniques that enable characterisation, isolation, and manipulation of cells and biomolecules are central in molecular and cellular biology, and these techniques therefore also play a principal role in this course. Specifically, we will take a close look at microscopy, cell culture, DNA cloning and the polymerase chain reaction (PCR) technology. We will then move on to study the regulation of gene expression and the eukaryotic cell cycle. We will see how cells are organised in tissues and how intra- and intercellular signalling pathways are involved in controlling cell division, differentiation, and maintenance of the stem cell state. The final part of the course will focus on how DNA can be damaged and repaired, and which molecular events are involved in the generation of cancer.

EUC coordinator: Dr S. Mazurek

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses + Biology proficiency (or LSC214 General Biology) and LSC202 Biochemistry

Quad 2

LSC205 – Molecular & Cellular Biology Lab

In this practical course, you will become acquainted with microscopy as well as a variety of microbiological and molecular biological techniques. The preparation, planning and execution of the experiments, and the use of specific laboratory materials and equipment, will form a solid introduction to many aspects related to lab work. In microscopy, you will focus on the use and applications of the light microscope. Regarding the microbiological experiments, the focus will be on basic techniques such as the production of culture medium and the plating, staining and quantification of bacteria. The molecular biological techniques that you will perform include the isolation of plasmid DNA and determination of the purity of the DNA by spectrophotometry. In addition, the length of the isolated plasmid DNA will be determined by both restriction enzyme digestion analysis and PCR.

EUC coordinator: Dr A. Aalto

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses + Biology proficiency (or LSC214 General Biology) and LSC202 Biochemistry;

This course needs to be taken simultaneously with the course Molecular & Cellular Biology (LSC204).

Quad 2

Maximum number of students: 48 (priority for students who follow the majors Life Sciences, Neuroscience and Molecular & Cellular Biology)

LSC206 – Embryology & Developmental Biology

This course will provide a global outline of how the human body develops from a fertilised egg. From an embryological perspective, human prenatal development can be grossly divided into three periods, i.e. the early pre-embryonic period covering the first two weeks, the embryonic period from 2 to 8 weeks after conception, and the foetal period that extends from the 9th week to birth (usually at 38 weeks after conception). The early period is characterised by cell multiplication, implantation in the uterine wall, and the development of extra-embryonic tissues, such as the placenta and the amniotic membrane, which also arise from the fertilised egg. During this period, the cells that will give rise to the embryo remain undifferentiated. After two weeks of development, these undifferentiated cells are arranged in a disk-like structure. During the embryonic period this disk will transform into a small human body (~4 cm in length) with almost all organs and body parts present in a recognizable form. The foetal period is characterised by growth of the body and maturation of the organs. An important topic of this course will be the transformations during the 3rd and 4th week of development, when the early embryo transforms from a disk-like structure into a cylindrical embryo, in which most body parts and organs are formed in rudimentary form.

EUC coordinator: Dr S. Mazurek

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses + LSC202 Biochemistry and LSC204 Molecular & Cellular Biology

Quad 4

LSC207 – Human Physiology

Human physiology studies how cells, tissues, organs and organ systems function in a healthy human body in response to internal and environmental changes. An important focus point of this course is homeostasis, i.e. the maintenance of the steady state of the body within the narrow ranges that are compatible with life. You will learn that homeostasis is regulated at multiple levels, from the cellular to the organismal level. To understand these levels of regulation, it is crucial to study the structure and function of various tissues and organs in the human body. Therefore, histology – the study of the microscopic structure of tissues – is also part of this course. The systems under scrutiny include the central and peripheral nervous system, the circulatory system, the respiratory system, the musculoskeletal system, digestive system, urinary system, and the endocrine system.

EUC coordinator: Dr A. Mora Cortes

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses + Biology proficiency (or LSC214 General Biology)

Quad 3

LSC209 – Human Anatomy

The study of anatomy (and morphology) is crucial in understanding how multiple tissue types and organ systems are organised in multicellular organisms, and how they interact. Moreover, it is not possible to understand how such organisms 'work' (as studied in physiology) without having a fundamental anatomical knowledge. Clearly, this knowledge is also vital when studying the nature of a disease (pathology) as well as the biological mechanisms that lead to disease (pathogenesis). In this course, we will focus on the anatomy of humans. You will learn the exact location, three-dimensional orientation and morphology of all major human body parts, and you will learn the correct anatomical language that is required to describe these parts. Particular attention will be given to the cardiovascular, respiratory, gastrointestinal, nervous, and musculoskeletal systems. The course is designed in tight collaboration with the Erasmus MC, and consists of expert lectures,

interactive tutorials, and dissection room practicals, which ensure that you will get a practical, hands-on learning experience.

EUC coordinator: Dr A. Aalto

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses + Biology proficiency (or LSC214 General Biology)

Quad 3

Maximum number of students: 40 (priority to students who follow the Pre-Med major)

LSC210 – Micro- & Immunobiology

This course forms an introduction to the fascinating domain of microbes, i.e. the organisms (or entities', such as viruses and prions) that cannot be observed with the naked eye, but have a profound influence on the existence of life on Earth. You will get acquainted with the vast and varied microbiological world and will learn that life can appear in many shapes and forms, and can sometimes tolerate the harshest conditions. Clearly, the saying '*everything is everywhere, but the environment selects*' by Dutch botanist and microbiologist Baas Becking (1895-1963) is one of the crucial take-home messages of this course. Apart from the general concepts of microbiology, the course will also zoom in on the world of pathogens: the microorganism that can cause disease. General concepts of infectious diseases will be discussed, and pandemics (worldwide epidemics) from the past will be taken as examples of the devastating outcome that certain infections can have on a population. In addition to studying microorganisms, a major part of this course will be devoted to the human immune system, i.e. the molecular and cellular 'system' that is aimed at recognizing and eliminating harmful microbiological intruders in our body. The different constituents of the immune system will be studied, and their role in the battle between pathogens and host will be explained. Finally, we will discuss the therapeutic options that exist in case the immune system fails to eliminate a pathogen from the human body. The mechanisms of action of the various groups of antibacterial (antibiotics) and antiviral drugs will be studied, as well as the role of vaccination in reducing disease burden.

EUC coordinator: Dr C. Vink

EC: 5

Level: 200

Prerequisites: Biology proficiency (or LSC214 General Biology) and LSC202 Biochemistry

Quad 4

LSC211 – Food & Nutrition

Food is identity, and it is elementary that food is more than something alimentary. Although most consumers seem to be sufficiently informed/spammed about healthier diets, better tasting affordable foods, higher quality of ingredients and increased food safety, only few of them really know exactly what food is, how it is produced and processed, and how it can affect our health. With a comprehensive and coherent structure, this course aims to apply a blend of basic sciences, such as biology, chemistry and physics with microbiology, biochemistry, and engineering, to answer those questions. The ultimate goal of this course is to help the students in discovering the origin, taste and nutritional value of our food supply, and to understand the paradigm "from local to global", focusing on the differences between food from the local market/producers and from the big food corporations and supermarket chains. Major themes include the nutritional and functional properties of food, nutrient assimilation, food preservation and safety, food additives and regulations, and the interactions between food processing, diets and health. Particular attention throughout the course will be dedicated to the pivotal concept of 'food quality' and 'sustainable food'. The course will also take advantage of hands-on experiences that will support lectures and PBL sessions with practical applications and creative opportunities.

EUC coordinator: Dr S. Mugnai

EC: 5

Level: 200

Prerequisites: *Biology proficiency (or LSC214 General Biology); a proficiency in chemistry (or LSC215 Basic Chemistry) is recommended, but not mandatory.*

Quad 3

Maximum number of students: 48 (2nd and 3rd year students have priority)

LSC212 – Follow the Doctor

Following (or shadowing) a doctor is an excellent way to have a first-hand experience into the daily activities of a physician. It is helpful to find out if a career in medicine is the right choice for you. It gives a better and real understanding of the practice of medicine. You will be required to organise a total of 4 shadowing sessions with 4 different physicians or health care workers (such as hospital specialists, general practitioners, physiotherapists, etc.) in a hospital or general practice. The sessions may be distributed throughout the academic year. You will have to write a report of each session, in which you should focus on the specific nature of the interaction between patient and health care worker. At the end of the academic year, there will be a concluding plenary session, in which you will share your experiences with fellow students as well as a teacher (medical doctor).

EUC coordinator: *Dr M. Hartman*

EC: 0 (pass/fail)

Level: 200

Prerequisites: *Biology proficiency (or LSC214 General Biology)*

Quad 1/2/3/4

LSC213 – Computer Science P

Coding is an essential skill for a large number of academic and commercial activities. This course introduces students to the programming language Python 3 (P). This language is widely used in academia, is open and free, and allows one to use a programming language used by a large worldwide community, as well as companies like Google, Facebook, Instagram, Spotify, Quora, Netflix, Dropbox & Reddit. Python 3 is well-supported and well-documented and allows for a number of things that other packages, e.g Matlab, do not. For example like picking one's own Integrated Development Environment. The course Computer Science I (or Computer Science M) is not a prerequisite, but can be helpful because the way of thinking like a programmer is also taught in Computer Science I/M. Students will be offered lectures alongside tutorials during which they will work on exercises and assignments.

EUC coordinator: *Dr C. Müller*

EC: 5

Level: 200

Prerequisites: *n/a*

Quad 4

Maximum number of students: 30 (priority for students who follow the major Neuroscience)

LSC214 – General Biology

The course will start by defining what 'life' actually is, and how different life forms (organisms) can be characterised and distinguished. Specifically, the general structure of viruses, prokaryotic and eukaryotic cells will be discussed. We will zoom into the various classes of biomolecules and the way in which they are produced and metabolised within living cells. Subsequently, we will discuss the fundamentals of DNA replication, the genetic code, transcription (RNA synthesis) and translation (protein synthesis). Then, we will move on to study cell division (mitosis and meiosis) and genetics. Finally, we will study the most vital aspects of the physiology of higher animals and plants.

EUC coordinator: *Dr A. Vasques*

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

Please note, that this course is not open for students who have followed and passed either of the following courses: LSC202 Biochemistry, LSC204 Molecular & Cellular Biology or LSC210 Micro- & Immunobiology.

LSC215 – Basic Chemistry

This course will introduce you to the wide, beautiful and interesting world of chemistry. The purpose of this course is to provide a basic knowledge of fundamental chemistry, which can be applied in ensuing LSC courses, such as Biochemistry and Molecular & Cellular Biology. After completing this course, you will understand the periodic table including groups, compounds, metals and non-metals. You will learn about atomic and molecular theories, chemical reactivity and bonding, chemical equilibria, acids and bases theories, solutions, thermodynamics, nuclear chemistry and nomenclature of organic chemistry. Many examples will be drawn from chemical, biological, and medical applications to show you the connections between these scientific disciplines.

EUC coordinator: Dr V. Zarubina

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

LSC216 – Medical Ethics

Is euthanasia of demented patients in a progressed state morally permissible? When should doctors refuse requests for new technologies of assisted reproduction, such as in vitro fertilisation (IVF)? Do we have a moral duty to fund orphan drugs? What should government, industry and individuals do in order to tackle problems like obesity or organ donation? Are new technologies to enhance the capabilities of human beings (such as cognition, social behaviour and mood, or physical appearance) morally desirable? Are patients with diverse cultural and ethnical background treated equally in the clinic? Medical ethics and public health ethics are interesting and complex fields of study. In this course, we study pressing ethical issues and how theoretical approaches, concepts and methods may help us to deal with these issues. In the first part of the course, the most important theoretical approaches (utilitarianism, deontology, and virtue ethics) and concepts in ethics and medical ethics (e.g. autonomy, paternalism, informed consent) will be introduced. In the second part of the course, the obtained knowledge will be applied to issues in medicine and public health care and critically reflect on central arguments including the influence of hidden assumptions and technological developments.

EUC coordinator: Dr V. Zarubina

EC: 5

Level: 200

Prerequisites: n/a

Quad 3

LSC217 – Systematic Musicology

Music moves us physically and emotionally. Even when we don't move, brain areas related to movement are active when we hear music. Yet traditionally, music has by and large been studied from written scores, which can tell us many things. Scores do not, however, tell us how that music actually sounds or makes us feel. Moreover, it lacks the second most important aspect of music: movement. In recent years, developing technologies and blurring borders between scientific fields have paved the way for studying music from the perspective of human movement. Embodied

Music Cognition is an exciting young field in musicology, which has as its core premise that movement in all its facets provides a unique window into musical and human behaviour. This course introduces students to many facets of the field, including the origins and purpose(s) of music, neuroscience, digital audio and emotions, and offers 4 weeks of intensive hands-on experience with students running, analysing and writing up their own music research project.

EUC coordinator: Dr C. Müller

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

LSC218 – Life Support

The aim of the Life Support course is to give you a basic training in acute medicine and to experience 'real' working situations with help of some specially trained actors. The emphasis of the course is on the quick recognition of acute situations, clear communication, and adequate handling. We talk about how situations differ between inside and outside of the hospital, and between first-aid and professional medical care personnel.

During the course, the term 'victim' is frequently used. This term indicates a person who has an acute, (non-)life threatening disorder in her/his physical or mental health. And who, in her/his own opinion or that of others, needs help. The common theme throughout the course is the ABCDE approach. This protocol is used internationally for the structured assessment and care of an acutely ill or wounded patient. In this course, the basic principles of this protocol will be taught. You will also learn e.g. how to assess the safety of a situation, call for help and perform CPR with or without the help an automated external defibrillator (AED).

EUC coordinator: Dr A. Aalto

EC: 5

Level: 200

Prerequisites: Biology proficiency (or LSC214 General Biology)

Quad 4

Maximum number of students: 48 (priority to students who follow the Pre-Med major)

LSC219 – Introduction to Physics

Physics is the most basic of the sciences. It deals with the behaviour and structure of matter. The field of physics is usually divided into classical physics, which includes motion, fluids, heat, sound, light, electricity, and magnetism, and modern physics, which includes topics such as relativity, atomic structure, quantum theory, condensed matter and nuclear physics. The general aim of this course is to introduce you to the basic concepts of physics, and show you how important this scientific discipline is, not only for disciplines such as biology, medicine and architecture, but also in your everyday live.

EUC coordinator: Dr V. Zarubina

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

LSC220 – Principles of Ecology

This course provides a background in the fundamental principles of ecology, including concepts of natural selection, population and community ecology, biodiversity, and sustainability. Students will acquire an "ecological literacy" about how the natural world works, and develop an understanding of how scientific methods are used to construct ecological knowledge. The course will also explore some of today's major ecological challenges, and the important research that is

being done to address these concerns. Ecology is aimed at giving students an overview of the field of ecology and how it applies to the sustainability of human societies. If you are curious about how the interactions between individual organisms and their environments scale up to global ecosystems, this course will provide you with a good introduction to the nested complexity of the natural world.

EUC coordinator: Dr A. Vasques

EC: 5

Level: 200

Prerequisites: Biology proficiency (or LSC214 General Biology)

Quad 1

10.2 LSC courses 300 level

LSC304 – Evolutionary Biology

Evolution is such a crucial discipline of modern biology that, in 1973, evolutionary biologist Theodosius Dobzhansky wrote: "nothing in biology makes sense except in the light of evolution". In this course, a comprehensive introduction to the fascinating field of evolutionary biology will be presented. Topics that will be covered include: the origin of abiotic and cellular life, the theory of evolution by natural selection (descent with modification), concepts of fitness and adaptation, the genetic and developmental basis of evolutionary change, micro- and macroevolution, speciation and extinction, elementary population genetics, palaeontology, and human evolution.

EUC coordinator: Dr C. Vink

EC: 5

Level: 300

Prerequisites: LSC202 Biochemistry, LSC204 Molecular & Cellular Biology and LSC210 Micro- & Immunobiology

Quad 2

LSC305 – Cognitive Neuroscience

Cognitive neuroscience studies the cognitive and neural basis for such diverse mental functions as perception, action, language, attention and memory. This relatively young discipline seeks to unravel the workings of the brain. What happens in our brains when we do what we do? How is this fascinating, unbelievably complex 'microcosmos' inside our skulls organised? How do those billions of nerve cells collaborate in an organ no bigger than half a football? Thanks to advanced brain-imaging techniques available today, scientists are able to observe the human brain in action, while animal studies provide an unsurpassed understanding of underlying mechanisms. As many already know, cognitive neuroscience is the discipline of the future.

EUC coordinator: Dr C. Müller

EC: 5

Level: 300

Prerequisites: INT204 Intermediate Statistics and LSC207 Human Physiology

Quad 3

LSC306 – Pathology & Pathogenesis I: Cardiology

This course aims to provide students with a thorough understanding of the underlying mechanisms of heart diseases. The students will be able to integrate the information acquired in other disciplines such as Life Support, Human Anatomy, and Human Physiology. The general approach to study the different diseases will include four essential components: cause/aetiology, mechanisms of development (pathogenesis), structural alterations of cells (morphologic changes), and the consequences of changes (clinical manifestations). During this course, students will also learn skills that will help them to structure the acquired knowledge in a clinical context.

EUC coordinator: Dr S. Mazurek

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, and LSC206 Embryology & Developmental Biology

Quad 1

LSC307 – Molecular & Clinical Genetics

This course provides an in-depth coverage of the fascinating field of molecular genetics. We will question how many genes it takes to make a human, how these genes are being regulated at the

molecular level, and how genome variation contributes to our individuality. Also, we will discuss the clinical manifestation of the patterns of single-gene inheritance and the complex inheritance of common multifactorial disorders. Using this knowledge, we will see how genetics is being used in a clinical setting for risk assessment, genetic screening and counselling. Furthermore, we will study how (defective) genes can be modified both in humans, animals, and plants through gene editing technologies, with the aim of providing gene therapy, or developing transgenic animals and plants. At the end of this course, you will understand that having an exact count of the necessary number of genes will not be nearly as important as understanding the functions of each gene and how they interact to build the living organism.

EUC coordinator: Dr S. Mazurek

EC: 5

Level: 300

Prerequisites: LSC202 Biochemistry and LSC204 Molecular & Cellular Biology

Quad 3

LSC308 – Pathology & Pathogenesis II: Pulmonology

In this course, the students will distinguish essential principles in evaluating pulmonary complaints and patients. They will learn to recognise the cause/aetiology, mechanisms of development (pathogenesis), structural alterations of cells (morphologic changes), and the consequences of changes (clinical manifestations) of pulmonary diseases.

EUC coordinator: Dr M. Martinez Claros

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, and LSC206 Embryology & Developmental Biology

Quad 1

LSC309 – Genes, Brain & Society

Some of the topics that will be considered during this course are evolution of the human brain, development of language and reading, and the biology of behaviour. We will overlay these fundamental properties with discussions on disorders such as autism spectrum and other developmental disorders, unipolar and bipolar mood disorders, schizophrenia, and drug/alcohol addiction. Moreover, topics such as gene therapy, genetic screening, and personalised genomics will also be covered. As we consider these scientific and medical matters, we will discuss the societal debates they foreshadowed. For example, gene-editing technology and whole-genome sequencing might soon become the reality of prenatal diagnosis of genetic disorders. How will society respond to those new technologies and will they also be used to address disorders of the brain, which often have complex etiology. Finally, the knowledge of the complete sequence of the human genome (and that of other species) provides both new opportunities and new issues regarding disease risks, confidentiality, the conduct of research, and evolution.

EUC coordinator: Dr C. Müller

EC: 5

Level: 300

Prerequisites: LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC305 Cognitive Neuroscience

Quad 4

LSC311 – Plant Physiology & Sustainable Agriculture (previously *Plants for People, Plants for Life*)

This course highlights the pivotal role of plants on our lives on one side, and the importance of sustainable agriculture in the food production sector on the other side. The first part of the course aims at integrating descriptive knowledge of plant anatomy and morphology with biochemical and genetic mechanisms, in order to study functional processes ranging from seed germination to flowering and fruit set. It also focuses on the study of plant processes – how plants grow, develop and function as they interact with their physical (abiotic) and living (biotic) environments. Based on this acquired knowledge, the second part of the course will focus on agro-ecology and sustainable agriculture in order to give the students an overview about the current systems of plant production and the development of novel sustainable farming systems, from soil management to fertilisation, and from the application of pesticides/herbicides to the use of GMOs. During the course, up-to-date case studies will be presented in order to illustrate how the knowledge of plant ecophysiology and agro-ecology can be a useful tool to cope with increasing environmental and societal issues, such as climate change, food production, sustainable agriculture and environmental pollution.

EUC coordinator: Dr S. Mugnai

EC: 5

Level: 300

Prerequisites: LSC201 Plant Biology & Diversity

Quad 2

Maximum number of students: 48 (priority to students who follow the Life Sciences major)

LSC312 – Epidemiology & Global Health

This course will teach you the main concepts of Epidemiology and Global Health. You will learn (i) how to use methodological approaches to measure the incidence and prevalence of diseases in populations, (ii) how to determine causes of diseases, and (iii) how and when interventions may contribute to improvements in population health.

EUC coordinator: Dr M. Hartman

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

LSC313 – Pathology & Pathogenesis III: Nephrology

This course aims to provide students with the skills and knowledge required to understand the aetiology and pathophysiology of different diseases affecting the kidney. The students will also learn how to perform differential diagnoses, recommend investigations and treatment of patients, and to determine the prognosis of nephrological diseases.

EUC coordinator: Dr M. Martinez Claros

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, LSC206 Embryology & Developmental Biology, and Pathology & Pathogenesis I and II (resp LSC306 and LSC308)

Quad 2

LSC315 – Clinical Reasoning & Consultation (*in Dutch*)

In this course, which will be taught in Dutch, you will acquire the basic skills required to establish and lead a consultation as a physician. The course consists of two types of sessions that overlap Quads 1, 2, 3 and 4 of year 3: (1) Clinical reasoning (Klinisch redeneren, KR) and (2) Consultation

(Consultvoering, CV). During the clinical reasoning sessions, you will learn how to make a diagnosis, after examining and analysing a patient's complaints. You will learn what the importance is of knowing what kind of questions the physician should ask to obtain crucial and relevant information. In addition, you will learn which diseases can be the cause of a specific complaint, and how to make an accurate diagnosis by physical examinations and diagnostic tests. In the Consultation sessions, you will be able to practice the aforementioned skills. You will learn how to approach and interview patients, how to perform a physical examination, and how to interpret your findings. Due to the practical nature of the course, the assessment will be based mainly on practical exams performed in Quad 4.

EUC coordinator: Dr M. Hartman

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, and LSC206 Embryology & Developmental Biology

Quad 1/2/3/4

LSC317 – Pathology & Pathogenesis IV: Nutritional & Gastrointestinal Diseases

In this course, we will study the pathology and pathogenesis of a selected set of diseases affecting nutrition and the gastrointestinal tract. Student will expand their knowledge of the physiology of the GI tract, pancreas and liver in health, and they will be able to describe the pathophysiological mechanisms leading to disease. They will recognise gastrointestinal signs and symptoms, gaining practical knowledge on how to treat a patient with GI complaints.

EUC coordinator: Dr M. Martinez Claros

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, LSC206 Embryology and & Biology, and Pathology & Pathogenesis I, II and III (resp LSC306, LSC308 and LSC313)

Quad 3

LSC318 – Pathology & Pathogenesis V: Metabolism & Hormonal Regulation

In this course, the students will integrate the knowledge obtained in the previous Pathology and Pathogenesis courses. They will learn about the role of the endocrine system in maintaining homeostasis, and they will be able to describe how the secretion of hormones is regulated, and how disruption of the normal physiology can lead to different diseases. Finally, the students will develop the ability to evaluate, treat and monitor common endocrine disorders, and also familiarise themselves with less common endocrinological afflictions.

EUC coordinator: Dr M. Martinez Claros

EC: 5

Level: 300

Prerequisites: LSC218 Life Support, LSC216 Medical Ethics, LSC202 Biochemistry, LSC204 Molecular & Cellular Biology, LSC207 Human Physiology, LSC209 Human Anatomy, LSC206 Embryology and Developmental Biology, Pathology and Pathogenesis I, II, III and IV (resp LSC306, LSC308, LSC313 and LSC317)

Quad 4

11. Courses Social & Behavioural Sciences (SBS)

11.1 SBS courses 200 level

SBS201 – Personality Psychology

Today, personality psychology and research into the differences between individuals forms an important fundamental basis for the daily practice of psychologists. Psychologists select people for jobs in corporate life based on personality research. If psychologists treat psychological disorders, they often collect information on a patient's personality. Personality psychology research is therefore an important basis for every student who wants to work in such diverse fields as clinical research, forensic psychology, or human resource management etc. The course Personality Psychology examines the patterns of thoughts, feelings and behaviour that make a person unique but at the same time similar to others. In doing so, the course provides students with a broad introduction into the major themes that govern Personality Psychology.

EUC coordinator: Dr G. Noordzij & L. Giel, MSc

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

SBS203 – Clinical Psychology

The WHO (Geneva, 2001) estimated that 450 million people will suffer from a mental or neurological illness at some point in their lives. That's about 1 in every 4 people. Due to this 1 in 4 prevalence of mental illness, it is very likely that most of us know or have met someone who has been diagnosed with a mental illness. In this course, we'll cover some of the main and more commonly occurring and diagnosed mental disorders as they appear in the DSM5. We'll take a look at how these disorders are viewed from the traditional psychiatric perspective as well as how mental illness is viewed from other perspectives in the field of psychology, not only in terms of their causes, but also in terms of how they are described, understood and applied by practitioners in the field. By the end of the course, students will have gained an understanding of the scope of the field of clinical psychology, including how working in the field is not always as black and white as it may first appear.

EUC coordinator: Dr G. Noordzij & M-Vaughan-Waalwijk MSc.

EC: 5

Level: 200

Prerequisites: ACC106 Man & Society

Quad 2

SBS205 – Deviance

Social order and social cohesion in contemporary societies are unthinkable without formal and informal social norms. Conversely, a certain amount of deviance - forms of norm violation which are, to varying degrees, disapproved in society and tend to be subjected to punishment - can fulfil positive functions for social order and cohesion. This course focuses on five questions: (1) How are problems of deviance conceptualised in sociology and other scientific disciplines (criminology, psychology, natural sciences)? (2) How does the labelling of behaviour and identities as criminal differ across and within societies, and how can criminalisation processes be understood? (3) How can deviant behaviour be explained sociologically? (4) How do societies respond to deviance, what changes in punishment have occurred in the (late) modern era, and what are the intended and unintended consequences of these responses? (5) How can deviance be studied empirically and what are the advantages and disadvantages of the available data sources and methods?

Coordinator: Dr A. Leerkes (Fellow, ESSB)
EUC coordinator: R. Kemmers, MSc
EC: 5
Level: 200
Prerequisites: n/a
Advised course: SBS211 Highlights of Sociology
Quad 3

SBS207 – Political Institutions & Public Governance

This course aims, first of all, to explain the basic organisational framework of modern states by highlighting its key components. Secondly, we will identify and analyse the factors that determine what policymakers can and cannot do. This relates to the institutions in which they are embedded, the social organisations and policy networks on which they depend, and the cultural legacies within which they operate. Thirdly, the course sets out to enhance students' understanding of the fundamental transformations that are currently unfolding in key political institutions and public policy-making:

1. The role and place of government and the nation state in modern societies;
2. How public policies are designed, evaluated and implemented;

This course engages with concrete governance 'problems' encountered by states and societies across the world, such as corruption and climate change. Finally, the course will also highlight the role of non-state actors in the policy process.

EUC coordinator: Dr W. Vloeberghs
EC: 5
Level: 200
Prerequisites: SBS208 Understanding Politics
(students following the Major Sustainability are exempted) if in doubt contact course coordinator
Quad 4

SBS208 – Understanding Politics

How can we analyse politics across countries? Why do we speak about left and right wing political parties? Does it matter whether one lives in a republic or in a monarchy? Can ordinary citizens really change the way they are governed? Politics is a defining feature of all human societies. Yet, it is notoriously hard to define because it is so multi-faceted.

This introductory course in comparative politics allows you to learn about basic concepts of political science across a range of political systems. It will also introduce you to comparative methodology: does political power lie with a president, prime minister or parliament? The comparative method guides most politics courses at EUC, and is widely employed across the social sciences.

The core of the course will cover the most common political systems. You will learn how to distinguish between regime types, different electoral systems, and key aspects of political behaviour and culture. Finally, key contemporary issues structuring politics across the world will be examined: the role of ideology, populism, the opposition between democracy and authoritarianism.

EUC coordinator: Dr W. Vloeberghs
EC: 5
Level: 200
Prerequisites: n/a
Quad 1

SBS211 – Highlights of Sociology

The discipline of sociology was established during (and to make sense of) the process of modernisation. A core characteristic of modernisation is rapid social change, and sociology theorises and studies such changes by comparing traditional societies to modern societies. The perspectives that were developed and the topics addressed by the founders of the discipline are still relevant today, because they regard issues as socioeconomic inequality, social order and deviance, the role of religion and ideology, gender relations, what it means to live in an urbanised world, the relation of individuals with society. In this course we learn about these classic perspectives by looking at contemporary societies. We will learn to apply the 'sociological imagination' to everyday life as well as study the classic sociological questions using present-day cases. Assessment consists of a final exam and an essay.

EUC coordinators: R. Kemmers, MSc & M. van der Gaag, MSc

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

SBS214 – International Relations: Theories, Approaches & Themes

The aim of this introductory course on international relations theory is to familiarise you with the concepts, ideas and analytical tools necessary to understand state behaviour and relationships between various actors in the international system. Competing analytical perspectives explaining state behaviour such as realism, liberalism and constructivism will be examined. The course will also examine alternative approaches to international relations such as Marxism, feminism, post-colonialism, post-structuralism, and Green theory. Each of these frameworks will be applied to different case studies to explore how the theory works in practice. By the end of the course you will have knowledge of international relations theory and are able to analyse a myriad of issues in global affairs from a variety of perspectives.

EUC coordinator: P. Livaha, JD

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

SBS215 – International Organisations & the EU as an International Actor

Public International Organisations, including European Union, together form the structural web of co-operative relationships between states. They have also become elements of the modern state's institutional system and of its public administration. The law of public international organisation is the body of rules, principles and concepts governing the functioning of international organisations, their interrelationships and their legal connection with the (member) states' administrations

The precise nature of the European Union (EU) remains problematic for traditional explanations of international relations. The EU is neither a state nor an international organisation. This course investigates the politics and legal measures that determine the extent to which the EU is a global actor. These concepts are evaluated in a variety of international policy areas: trade/economic policy, development/humanitarian assistance policy, the Common Foreign and Security Policy, and Common Security and Defence policy. The course also explores the EUs varied relations with other major powers: the United States, Russia and China/Asia.

EUC coordinator: Dr T. Ertuna Lagrand

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

SBS217 – Introduction to Law

The course Introduction to Law provides a general, broad introduction to the law and to the study of law. Students will learn about the foundations of liberal-democratic legal systems, the basic legal concepts and the sources of law. They will become acquainted with the main legal families of law, namely civil law and common law; with the differences between private law and public law; as well as the fundamentals of main areas of law such as criminal law, constitutional law, and administrative law which will be studied from a comparative perspective. In addition to these substantive issues, students will also learn about the specific methods used by lawyers to solve legal problems and reflect on the forms of argumentation lawyers use to defend their case. With the help of literature and real life examples from case law, students will understand how lawyers use universal forms of reasoning such as deduction, as well as specific forms like legal analogy, and argumentation based on principles.

EUC coordinator: A. Sarris, LLM

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

SBS218 – Legal Academic Writing

In this course, students will do the research for and at the level of writing a publishable academic paper (i.e., law review article, case note or comment). The course will cover effective use of primary and secondary legal research sources in both print and electronic formats. Students will go beyond the basic research methods taught in the required Legal Research course and learn the research methods necessary to fully analyse and discuss a complicated legal issue. All students in the course will be required to complete all the components required to satisfy the Legal Academic Writing Requirement, including a final paper which shall be on a level equal to the ones that are publishable. This course is Mandatory for all students that wish to follow the International Law major and it will be offered at year 2.

EUC coordinator: A. Sarris, LLM

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

SBS219 – Public International Law

The purpose of this course will be on the one hand to introduce students to main concepts of contemporary international law, such as sources and subjects of international law, sovereignty and international responsibility; and on the other hand to explore how we are governed globally by looking at ideas, legal doctrines, institutional and administrative structures developed over the last century to organise and legalise international economic and political life. The readings will focus on various ways to think about the legal organisation of global order, and on the history of legal efforts to organise and institutionalise international affairs.

EUC coordinator: A. Sarris, LLM

EC: 5

Level: 200

Prerequisites: n/a

Quad 1

SBS220 – European Union Law

The course offers an introduction to the European Union Law. It provides insights into: a) the evolution of the European Union and the sources of EU law; b) EU institutions; c) the decision making process of the EU; d) the relationship between EU law and the legal systems of the EU Member States; e) the internal market. All subjects within the course are approached from a point of view which enables the students to grasp the evolution of European integration. The course intends to embed law related questions into the wider political, social and economic EU-context, without leaving out the developments and discussions as to the future of the European Union.

EUC coordinator: Dr Ertuna Lagrand

EC: 5

Level: 200

Prerequisites: n/a

Quad 2

SBS221 – International Human Rights Law

The course adopts a holistic approach to learning international human rights law, beginning from its normative foundations and emergence as a distinct field of international law to its contemporary status and challenges for the future. Given the introductory nature of this course, emphasis is placed throughout on idealism as well as realism, including an understanding of how international and domestic politics have influenced and continue to influence the field of international human rights law. On the normative side, participants will analyse the merits and demerits of categorizing human rights under different labels and its effects on human rights promotion. They will look at case studies from around the world that expose the tensions between cultural relativism and universality of human rights, and will also look at the concepts of collective rights and rights of vulnerable persons. On the practical side, participants will be introduced to the most important mechanisms as well as challenges to the realisation and promotion of human rights, including State compliance and judicial enforcement. Finally, the inter-play between nation-states and civil society will be scrutinised with a strong focus on NGO activism and the emerging challenges thereto.

EUC coordinator: A. Sarris, LL.M

EC: 5

Level: 200

Prerequisites: n/a

Quad 3

SBS222 – International Dispute Settlement

This course will examine international dispute settlement in more depth, and with emphasis on inter-state judicial institutions, such as the International Court of Justice, and state/on-state dispute settlement. The opening lectures will address themes such as the concept of "international dispute", the obligation to resolve disputes peacefully, the matrix of available dispute settlement options and the role and specificity of judicial dispute settlement mechanisms. Subsequent lectures will be devoted to the norms of "international legal procedure" governing international tribunals, with a focus on the International Court of Justice. The remaining lectures will turn their attention to the examination of specific judicial institutions, cross-cutting issues such as the independence and selection of judges and arbitrators, the role of the current dispute settlement "architecture". Specific institutions which will be discussed include ITLOS, the WTO DS system and other mixed dispute settlement bodies, such as ICSID.

EUC coordinator: A. Sarris, LL.M

EC: 5

Level: 200

Prerequisites: SBS219 Public International Law; European Union Law; International Human Rights Law
Quad 4

SBS223 – Gender Equality in the Global Arena

Equality between women and men has been recognised in international law since the adoption of the 1948 Universal Declaration of Human Rights (United Nations 1958), and as a principle it enjoys popular support in many countries. The idea of gender equal rights is the formal basis for the international discussion of the position of women since the 1975–85 UN Decade for Women, which has been a key element in the story of global feminism. This course will look at how the issue of gender equality has emerged on the global policy agenda and the different issues that have informed our understanding of patterns of gender inequality. It will explore how gender inequalities are embedded in a multidimensional structure of relationships between women and men. It will examine how gender operates at every level of our human reality from economic arrangements, culture, and the state to intimate relations and emotions. From this understanding of gender relations the course will explore through cases from different country contexts how moving toward a gender-equal society involves profound institutional change as well as change in relations among people at all levels. As well as discussion on the shifts in global understandings of gender equality the course will encourage students to consider gender power relations in their own lives in order to understand the way gender operates in everyday lives.

Coordinator: Prof W. Harcourt (Fellow ISS/EUR)

EUC coordinator: R. Kemmers MSc

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses

Quad 1

SBS224 – Cognitive Psychology

We have nearly 8 billion people on earth, and all of us think. But why do we think? How do we think? And what happens if we stop thinking?

This course explores the answers to these profound questions. It will go further than the course 'Brain & Behaviour' as it will introduce concepts like schemas, mental imagery, categorisation and language, to understand how the content of thoughts are established. Furthermore, this course delves into memory and attention. In addition, it will introduce the study of complex thinking abilities, such as problem solving, reasoning and decision making, and looks at the deterioration of cognitive processes: What happens if we are unable to think properly?

EUC coordinator: Dr G. Noordzij & S. Breuer MSc

EC: 5

Level: 200

Prerequisites: n/a

Quad 4

SBS225 – Developmental Psychology: Global Challenges for the Developing Child

Although development is an ongoing process throughout life, the focus of this course will be on the development of children. In this course, the main developmental theories (cognitive, emotional, social, moral) will be introduced.

You will also be confronted with different challenges that children all over the world experience while growing up. What role do media and technology play in the child's development? What is the importance of cultural empowerment in explaining children's development? What is the effect of child labour on children's health and well-being?

The developmental theories and challenges will be debated in the context of three major themes in developmental psychology: nature vs. nurture, continuity vs. discontinuity, and universality vs. sociocultural context.

EUC coordinator: Dr G. Noordzij & M Vaughan-Waalwijk MSc

EC: 5

Level: 200

Prerequisites: At least 60 EC in courses

Quad 3

Maximum number of students: 24 (priority to students who follow the Psychology major)

11.2 SBS courses 300 level

SBS304 – Conflict Resolution

In today's world, war between states has become a rarity, whereas violent conflict within national boundaries is of growing concern. The causes and dynamics of civil wars, and other types of intra-state conflicts, require a different understanding than classical wars. Conflicts are increasingly complex, featuring multiple parties, transnational dynamics, and strategies to resolve them.

The course focuses on contemporary conflicts and is structured around three parts: (I) how conflicts arise, (II) how they can be managed, and (III) how they can be transformed and resolved. Borrowing from fields such as International Relations, Political Science, Sociology, Psychology, history, anthropology, Law, this course has a distinctly interdisciplinary outlook.

A variety of violent conflicts are featured ranging from ethnic, electoral, ethnic, resource-based and secessionist. By adopting a case study-approach, we will attempt to understand the causes of conflict as well as techniques and interventions developed to end and resolve them such as peacekeeping, mediation, and transitional justice. Finally, you will gain tools to understand and analyse conflict, and gain practical experience in negotiating a resolution to a conflict by means of a simulation game.

EUC coordinator: P. Livaha, JD

EC: 5

Level: 300

Prerequisites: SBS208 Understanding Politics, SBS214 International Relations

Quad 2

SBS305 – Stratification: Why Class, Race & Gender Matter for Inequality

Why do social inequalities on the basis of class, race/ethnicity and gender persist in modern Western societies? Focusing on key themes such as the gender pay gap, class-based occupational divisions, or the tying of music genres with specific ethno-racial groups, this course introduces students to theories and empirical research on the causes and consequences of the most dominant social hierarchies in contemporary western societies. This means that it will introduce students to 1) Sociological theories, and 2) empirical research by means of those theories, on the following three interconnected questions: What are the most dominant social hierarchies in contemporary western societies? How can it be explained that some social categories have more favourable positions on those hierarchies than other social categories? What are the consequences of occupying a low or high position on those hierarchies? These question will be addressed with a special focus on the 'holy trinity' in sociological research on stratification from the 1970s onwards: class, race and gender.

Coordinator: Dr J. van der Waal (Fellow, ESSB), J. Schaap, MSc

EUC coordinator: R. Kemmers, MSc

EC: 5

Level: 300

Prerequisites: n/a

Advised courses: SBS211 Highlights of Sociology and SBS205 Deviance

Quad 3

SBS307 – Clinical Communication Skills

The ability to communicate effectively is very important for many professional practitioners. Professional communication differs from normal communication in a number of ways, for example by using professional interviews. Professional interviews have a clear purpose and how the interview is led and carried out should be geared towards achieving that goal. Good problem clarification, for example, is a condition of a good professional therapy or advice session.

Furthermore, the client can expect that a professional takes the greatest care in dealing with his or her personal problems, which can be very sensitive issues. A number of basic communication skills and a good basic attitude are needed in order to achieve this goal. So, the aim of this course is to improve the knowledge and skills required for effective communication. Theory and research on communication is reviewed and basic attitudes and basic interviewing skills are practised in role-plays. Note. This course is not about the clinical interview as a tool for diagnosing clients.

EUC coordinator: Dr G. Noordzij & S. Breuer, MSc

EC: 5

Level: 300

Prerequisites: SBS203 Clinical Psychology

Quad 3

Maximum number of students: 30 (priority to students who follow the Psychology major)

SBS309 – EU Decision Making & Negotiation Techniques

The course explores the present and future of the European Union. More specifically, the decision making processes in the European Union and negotiating techniques involved. Through interactive lectures and plenary sessions, students will enhance their negotiation skills. In order for the students to further understand how the actors in the Union work, there will be two study trips, one to the Port of Rotterdam, an active lobby organisation in the European arena and another to Brussels, where students will interview managers of the EU Public Affairs.

Coordinator: R. Boudewijn (fellow)

EUC coordinator: P. Livaha, JD

EC: 5

Level: 300

Prerequisites: SBS208 Understanding Politics or SBS214 International Relations

Quad 4

NB: Please be aware of additional costs of ca. €30,- per student for the Brussel trip

SBS310 – Psychodiagnostics

The different psychological assessment instruments are important tools to gather information from clients in order to 'diagnose' clients and to provide recommendations that have the highest likelihood of success. Psychodiagnostic tools enhance diagnostic accuracy derived from the anamnestic interview because the instruments are (more or less) valid and reliable. This course deals with both the psychodiagnostic theories as well as the application of the psychodiagnostic tools and instruments that could be used in different settings including but not limited to clinical and work settings.

EUC coordinator: Dr G. Noordzij & M. Vaughan-Waalwijk, MSc.

EC: 5

Level: 300

Prerequisites: SBS307 Clinical Communication Skills or SBS203 Clinical Psychology

Quad 4

SBS311 – Individualisation & Globalisation

This course focuses on the processes of individualisation and globalisation, which have transformed western societies virtually beyond recognition since the second half of the 20th century. As this is a course in sociology, a key question is what the sociological study of these processes entails. What do sociologists mean by individualisation and globalisation? How do they measure such wide-ranging processes? And what do they focus on in theories and research dealing with individualisation and globalisation? A second key issue entails assessing the consequences of individualisation and globalisation. Combining sociological theories and empirical research findings, students will learn to critically examine the impact of globalisation and

individualisation on various domains of social life, such as communities, politics and consumption. During the interactive sessions students will focus on applying their knowledge to real life cases. The course is assessed through a final exam and an essay.

Coordinator: Dr S. van Bohemen (Fellow, ESSB) and R. Kemmers, MSc

EC: 5

Level: 300

Prerequisites: n/a

Advised: SBS211 Highlights of Sociology, SBS205 Deviance, SBS305 Stratification: Why Class, Race & Gender Matter for Inequality

Quad 4

SBS313 – Governing Healthy Cities

How to create and govern healthy cities? This question is at the forefront of the minds of local city administrators as well as international organisations like the World Health Organisation (WHO). Increasingly, people live in large cities where they are exposed to all kinds of health risks (e.g. air pollution) and challenges (e.g. rising health inequalities). The governance of these risks and challenges is one of the key responsibilities that local policy makers and health professionals are facing around the globe.

The governing ideal of 'the healthy city' represents a fundamental shift in how we view health: from individual biophysical models of health towards holistic notions of health that presuppose interconnectedness of place, health and well-being of communities. This conceptual shift becomes visible in new discourses on 'positive health' and 'social resilience' that we will unravel and apply during this course. These new discourses are not just words/visions, they also inspire policymakers and professionals to adopt new experimental approaches to organise healthy cities: such as cross-sector collaboration (i.e. joining up health, welfare, work, education), community 'greening' initiatives and urban labs that promote resilience in neighbourhoods.

The aim of Governing Healthy Cities is to prepare students to be engaged world citizens who can play an active role in the development of academic knowledge for society. This active role will be embedded in this course by giving students the opportunity to write a policy report for a societal partner that is involved in governing healthy cities. The policy report addresses a key challenge/problem of the societal partner. By making a convincing analysis of this challenge and by formulating practically relevant recommendations, students can actively contribute to society. Apart from the policy report, grading for the course will be based on an open-questions exam.

Coordinator: Prof R. Bal (Fellow, ESHPM)

EUC coordinator: Dr G. Noordzij

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

SBS314 – Middle East Politics

The Middle East has been at the centre of world attention for over a century, as well as an object of widespread misconceptions. This introductory course allows you to gain an understanding of contemporary politics of the Middle East. The course is designed for students with limited or no prior knowledge about the region but will also challenge those with previous exposure to the Middle East.

Combining comparative politics and area studies approaches, this course will begin by familiarising you with the dynamics that played a pivotal part during the emergence of the modern state system at the end of World War I. Historical, ideological and economic forces will be highlighted that continue to shape political realities today.

Questions prompted by the uprisings of 2011 represent a major theme throughout the course. Why does authoritarianism seemingly hold sway in the region, and how does this relate to democracy? How are identity and politics connected, and how is resistance to power structured? How do transnational dynamics, socio-economic conditions or ethno-religious diversity affect politics?

EUC coordinator: Dr W. Vloeberghs

EC: 5

Level: 300

Prerequisites: SBS208 Understanding Politics and SBS214 International Relations

Quad 3

SBS316 – Islam: a Political History

Islam is both a religion and a civilisation. This course argues that it is impossible to talk sensibly about religion without familiarising oneself with Islamic history. From its birth in the 7th century CE up until today, Islam has fascinated billions of people. To understand Islam in its contemporary forms and practices, one cannot but dive into its rich political history and its vast geographic scope.

This course combines history, politics and architecture as mutually complementary disciplines to gain a better understanding of Muslim actors, their ambitions and their terminology. Notions such as caliphate (*khilafa*) and authority (*sulta*) as well as consultation (*shura*) or holy struggle (*jihad*) will be introduced and contextualised. At the same time, we must also look at how politics (both at local and global levels) have impacted the development of Islam and how forces like colonialism, capitalism or (neo)liberalism have defined Islam's current status and perception.

NOTE: This is not a classic PBL course. Sessions will require above-average preparation from course participants. For a more general (PBL-structured) course on contemporary politics of Arab and Islamic states, please consider SBS 314: Middle East Politics. For students aiming to take both SBS314 and SBS 316, it is advisable to start with this (SBS316) one.

EUC coordinator: Dr W. Vloeberghs

EC: 5

Level: 300

Prerequisites: SBS208 Understanding Politics and at least one 300-level HUM course (preferably HUM302 Aesthetics & Politics or HUM303 History of the global south or HUM309: Post-colonial theory). If in doubt, contact course coordinator.

Quad 2

SBS318 – Legal Psychology

Legal psychology is a relatively young field in which psychological knowledge is applied to the legal arena. Legal psychologists primarily, though not exclusively provide the judge with advice in criminal proceedings. Particularly, legal psychologists give advice on how to evaluate various pieces of evidence. They study, for example, the reliability of witness statements, the validity of confession evidence, and the evidentiary power of identification evidence. Thus, they assist the judge in his/her attempt to find fact. Recently, legal psychologists have also started to give advice on the prevention of pitfalls and bias. Primarily, the prevention of tunnel vision has been a focus of research and practice for about a decade. In this course, an introduction is provided in legal psychology. Besides a general framework on bias and its prevention, a few specific pieces of evidence will be dealt with.

Coordinator: Prof E. Rassin (Fellow ESSB)

EUC coordinator: Dr G. Noordzij

EC: 5

Level: 300

Prerequisites: n/a

Quad 2

SBS319 – Security Studies

This is an advanced course in international relations. The aim of the course is to equip students with concepts and tools to analyze and understand contemporary security challenges. During the course, the students will discuss major issues in the study of international security, including interstate wars, civil wars, and terrorism. They will also study possible responses to such security issues, both political and military. In seminars, we will aim at applying the theoretical knowledge to a practical policy issues at hand. On one hand, we will look at how global security challenges are tackled locally in a city like Rotterdam; on the other hand, we will discuss the application of theoretical concepts to current situations. By the end of the course, the students will have both knowledge of the state-of-the-art theories, and will be able to apply these to topics featured in evening news.

Coordinator: Dr M. Onderco

EUC coordinator: P. Livaha, JD

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

SBS320 – A Global View on Migration

Where many contemporary Western public debates have tended to regard the current age as 'The Age of Migration', and the (potential) influx of migrants is by many regarded as a sizable threat to the West's welfare and civilisation, migration has been a global phenomenon of all ages. In this course students will learn to put current migration in a global perspective, learning about core theories and debates in the field of migration studies, and to separate facts from fictions by studying empirical research. Learning about migration movements in all continents permits putting public discourse into perspective and taking migration studies seriously as a scholarly activity. The macro views and figures are combined with the micro accounts of real people, as well as with the framing of migration discourse, allowing for a multi-level focus on migration studies.

EUC coordinator: R. Kemmers, MSc & M. vd Gaag, MSc

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

SBS321 – Narratives of Law & Justice

The course offers a law-and-humanities approach to core topics of law and justice, with a special emphasis on their interrelation. These topics include: 1. the relationship between positive law and justice (both in the abstract and in concrete cases); 2. the relationship between the nation-state and its citizens, both from a point of view of criminal law and administrative law; 3. contract, obligation and fairness from a civil law perspective; 4. law and the ethics of inclusion and exclusion.

Coordinator: A. Sarris, LLM

EC: 5

Level: 300

Prerequisites: n/a

Quad 4

SBS322 – International Criminal law

The course, which is set squarely within the field of public international law, examines both the international rules governing states' assertion and exercise of their respective national criminal jurisdictions and the body of international law relating to international crimes (such as genocide,

crimes against humanity, war crimes, torture, slavery, piracy, and the wide range of treaty crimes loosely described as 'terrorist') and international criminal courts (from the International Military Tribunal at Nuremberg to the International Criminal Tribunal for the former Yugoslavia and the International Criminal Court).

Coordinator: A. Sarris, LLM

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

SBS323 – International Environmental & Energy Law

International environmental law (IEL) is an innovative, dynamic, and rapidly developing field that seeks to ameliorate global environmental issues such as the impacts of climate change and marine pollution/exploitation. As the causes, effects, and potential solutions of such global phenomena transcend national boundaries, international cooperation is increasingly important as reflected in a growing number of international environmental agreements governing disparate issues such as nuclear testing, hazardous substances, and atmospheric pollution. This course aims to provide students with an overview of the evolution of international environmental law, as well as an introduction to the major concepts, cases, and principles that shape effective global environmental governance. Throughout the course, attention will be focused on international responses to environmental issues with a transboundary or global scope. Following the introductory lectures, which will set the scene by introducing the major players (international institutions and actors) in the field, students will have an opportunity to explore the role of international law in regulating environmental problems such as marine pollution, climate change, nuclear testing, as well as the governance of outer space, the Arctic, and Antarctica.

Coordinator: A. Sarris, LLM

EC: 5

Level: 300

Prerequisites: n/a

Quad 3

SBS324 – Study Exchange: Middle East (Iran) – CONDITIONAL

Learning is good, experiencing is better. This course, focused on Iran, adopts a project-based learning approach based on the principle of reciprocity.

The main objective of this course is for students to gain field-based knowledge. Dutch students stand to deepen their knowledge about state and society in the Middle East in general and in Iran in particular. Iranian students will enhance their understanding about governance of the European Union in general and The Netherlands in particular. Both EUC students and their Iranian counterparts will increase knowledge on their respective home society by explaining its distinctive features to their peers.

The course consists of three components. First, a series of preparatory meetings at EUC. Second, an outgoing mobility whereby an EUC delegation of approximately 15 students and staff will visit Iran under guidance of Iranian students. Third, an incoming mobility whereby an Iranian delegation visits The Netherlands guided by EUC students. Full participation in all components is mandatory for all course participants. Assignments will consist of practicing cross-cultural understanding through teamwork and small-scale diplomacy.

CAVEATS:

1/ THIS COURSE IS SUBJECT TO APPROVAL OF EXTERNAL PARTNERS, IT CAN BE CANCELLED AT ALL TIMES

2/ Be aware that the actual implementation of this course is not yet guaranteed. Several circumstances (logistics, international politics, enrollment,...) can alter the preferred course of action. In a worst-case scenario, an alternative course programme will be set up to ensure students can validate their credits.

Students are only expected to cover flight tickets (approx. 500 EUR) by their own means. Limited funding may be available for strong candidates without the ability to sustain the fare by themselves. In short, ability to secure funding will not impact whether the application succeeds or not.

EUC coordinator: Dr W. Vloeberghs

EC: 5

Level: 300

Prerequisites: Course admission is strictly selective and by application file only. Completion of SBS314 (Middle East Politics) and SBS316 (Islam: a political history) is a plus.

Quad: 4

Maximum number of students: 12