



# university of groningen

University College Groningen

## **Teaching and Examination Regulations (*Onderwijs- en Examenregeling, OER*)**

Bachelor's degree programme in Liberal Arts and Sciences (LAS)  
for the Academic Year 2024-2025

The Teaching and Examination Regulations set out the specific rights and obligations that apply to each degree programme taught at the University of Groningen, for both the students and the degree programme.

The University-wide section of the Student Charter sets out the rights and obligations that apply to all students.

These Regulations were decreed by the Faculty Board of the University College Groningen of the University of Groningen on **June 1<sup>st</sup> 2024** and approved by the Faculty Council and the Programme Committee where required on **June 1<sup>st</sup> 2024**.

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## SECTION 1 – GENERAL PROVISIONS

### Article 1.1 – Applicability of the OER

1. These Regulations apply to the teaching, examinations and final assessment of the Bachelor's degree programme in Liberal Arts and Sciences (LAS), CROHO degree programme code 50393, hereinafter referred to as: **the degree programme**, for academic year 2024-2025, and to all students enrolled in this degree programme.
2. The degree programme is provided by University College Groningen of the University of Groningen, hereinafter referred to as **the Faculty or UCG**.
3. These Regulations also apply to students from other degree programmes, faculties or educational institutes, insofar as they follow parts of the degree programme to which this OER applies, whether or not in the form of a Minor offered by the Faculty.
4. Course units or Minors that students follow in other degree programmes, or at other faculties or educational institutes, are subject to the Teaching and Examination Regulations of that programme, faculty or institute.
5. This article has not been included in this OER, since it does not apply to UCG.
6. This OER also applies to the Double Degree Bachelor programme offered by the Faculty in collaboration with foreign partner university Ca'Foscari, hereinafter referred to as: the Double Degree programme, insofar as it concerns courses taken by students at University College Groningen. The courses of the Double Degree bachelor programmes taken by students at the partner university are subject to the Teaching and Examination Regulations of that university. University College Groningen and the partner university are jointly responsible for the degree programme and for the award of diplomas.

Articles in this OER referring to the structure of the degree programme, do not refer to the structure of the Double Degree Programme. The setup of this programme can be found in Appendix 1.

### Article 1.2 – Definitions

The following definitions apply to these Regulations:

- a. Academic integrity: information about scientific integrity and the accompanying procedures can be found on the University of Groningen website:  
<https://www.rug.nl/about-ug/organization/rules-and-regulations/general/gedragscodes-nederlandse-universiteiten/wetenschappelijke-integriteit>.

- b. Academic year: the time period that starts on 1 September and ends on 31 August of the following year
- c. Admissions Board: the board that has decision-making powers in matters concerning admission to the degree programme on behalf of the Faculty Board
- d. binding negative study advice: study advice, issued only once, which may result in rejection of the student in question, in accordance with Articles 7.8b.1 and 7.8b.2 of the Act
- e. Board of Examiners: the independent body entrusted with the tasks and authority as stated in Articles 7.11, 7.12, 7.12b and 7.12c of the Act, including the assessment of whether the requirements of the final examinations are fulfilled
- f. Class of [year]: the cohort of students ('Class') expected to graduate in the corresponding year. Students still belong to the same class, even though they might graduate in a later year than initially expected.
- g. course unit: a syllabus unit or other part of the degree programme within the meaning of Article 7.3 of the Act, included in OCASYS.
- h. definitive study advice: study advice, issued only once, which may result in rejection of the student in question, in accordance with Articles 7.8b.1 and 7.8b.2 of the Act
- i. degree programme: the Bachelor's degree programme referred to in Article 1.1 of these Regulations, comprising a coherent set of course units.
- j. ECTS credit point: a credit point within the meaning of Article 7.4 of the Act expressing the scope of the part of the degree programme: 1 ECTS credit point is equivalent to 28 hours of study
- k. examiner: a person appointed by the Board of Examiners to set examinations and determine their results.
- l. extraordinary circumstances: circumstances such as those referred to in Article 7.51 of the Act, which will be taken into account when formulating decisions within the meaning of Articles 5.4 and 9.9. Article 7.51 of the Act is further elaborated in the University of Groningen Graduation Fund Regulations. In these Regulations, extraordinary circumstances include, in any case, a disability or chronic illness, illness, pregnancy and delivery, extraordinary family circumstances, a degree programme that is not feasible, students with an elite sports status (issued by the elite sports coordinator), students with a 'student entrepreneur status' (issued by the UGCE) and membership of a consultative participation body

- m. final assessment: the final assessment for the Bachelor's degree, which is considered to be passed if all the requirements of the entire Bachelor's degree programme have been satisfied.
- n. first year of the degree programme: the first period in the degree programme, with a student workload of 60 ECTS
- o. Major: a set of course units of 95 ECTS credits within one of the three Major disciplines Humanities, Social Sciences or Sciences (referred to as a Major in Humanities, Social Sciences or Sciences respectively) or a set of course units of 95 ECTS which combines these three Major disciplines (referred to as a Free Major).
- p. matching: the procedure for matching activities and degree programme advice, in accordance with Article 7.31a ff. of the Act, further elaborated in Chapter 3 of the Regulations for Registration and Tuition Fees
- q. Minor package: a coherent set of course units that can be followed within the Minor room.
- r. Minor room: the room available for students to specialize within the degree programme
- s. OCASYS: the University of Groningen's online Course Catalogue.
- t. Personal Minor: a coherent set of course units that students can compile themselves, which broaden or deepen the degree programme and can be followed either at the student's own or a different faculty
- u. practical: a practical exercise, as referred to in Article 7.13 of the Act, in one of the following forms:
- writing a thesis
  - completing a written assignment or a draft design
  - carrying out a research assignment
  - participating in fieldwork or an excursion
  - completing a clerkship
  - participating in a different educational activity designed to teach certain skills
- v. preliminary study advice: preliminary study advice based on an overview of study results, issued to students halfway through the first year of the degree programme
- w. Programme Committee: the consultative participation body and advisory body that performs the tasks as described in Article 9.18 of the Act.
- x. second and third years of the degree programme: the part of the Bachelor's degree programme that follows the first year of the degree programme

- y. semester: part of the academic year, either starting on 1 September and ending on a date to be determined by the Board of the University, or starting on a date to be determined by the Board of the University and ending on 31 August.
- z. small-scale and intensive education: special feature in education as defined by the Accreditation Organisation of the Netherlands and Flanders (NVAO). The criteria for the special feature are included in the framework: 'criteria pertaining to distinctive feature of "Small-scale and intensive education"' of January 2018 of NVAO (<https://www.nvao.net/>).
- aa. student: a person registered at the University of Groningen for the purpose of taking course units and/or examinations leading to the conferring of a university degree.
- bb. study progress overview: a written overview of results with the associated ECTS credit points, which is sent to students by email.
- cc. test or examination: a test of the knowledge, understanding and skills of students, including an assessment of the results.
- dd. the Act: The Higher Education and Research Act (WHW: *Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek*).
- ee. University Minor package: the Minor package to expand the degree programme, to be followed at the student's own or another faculty, which is in principle accessible to students from all Bachelor's degree programmes at the University of Groningen
- ff. VWO diploma: the diploma in pre-university education, in accordance with Article 2.58(2)(a) or Article 2.80(2)(a) of the Secondary Education Act 2020

All other definitions will have the meaning that the Act ascribes to them.

## **SECTION 2 – QUALIFICATIONS AND ADMISSION**

### **Article 2.1 – Admission to the degree programme**

1. A VWO diploma (with any profile) grants admission to the degree programme.
2. In addition to the certificates that grant admission to the degree programme according to the Act, holders of an equivalent certificate as listed in the eligibility requirements on the UCG application website will also be granted admission to the degree programme.
3. Article 2.3.3 applies to holders of a certificate as referred to in Article 2.1.2
4. Students who are deemed admissible to the programme still submit to a selection procedure. The selection procedure is described on the website: <https://www.rug.nl/ucg/application/> and published and updated annually on the 1<sup>st</sup> of October.



## **Article 2.2 – Admission to the degree programme based on a university of applied sciences, university, or Open University propaedeutic certificate**

This article has not been included in this OER, since it does not apply to UCG.

## **Article 2.3 – Language requirement for international certificates**

1. Students who have been admitted to a degree programme on the basis of a foreign certificate or degree may be required by the Admissions Board – before registration – to pass an English language test, to be administered by an agency stipulated by the Board.
2. This article has not been included in this OER, since it does not apply to UCG.

## **Article 2.4 – Entrance examination**

1. Students who do not satisfy the admission requirements set out in Articles 2.1 and 2.2 may participate in an entrance examination (colloquium doctum), in accordance with Article 7.29 of the Act.
2.
  - a. Students who wish to take the entrance examination must be aged 21 or over on the date on which the examination is held.
  - b. An exception to the age requirement may be made if the student in question has gained a certificate abroad that would grant admission to a university degree programme in their home country, or if the student has refugee status and for this reason is unable to present a degree certificate.
3. The entrance examination refers to the following course units at the stated level:
  - English (VWO 6)
  - Mathematics (VWO 6)

The provisions of Article 2.3 apply.

4. Proof that the entrance exam has been successfully completed provides admission to the programme at the University of Groningen for which the entrance exam was taken for two academic years after taking the entrance exam.

## **Article 2.5 – Admissions Board**

1. The Admissions Board has the power to decide on behalf of the Faculty Board in matters concerning admission to the degree programme.

2. The Admissions Board consists of:
  - a member, also the chairperson, selected from the academic staff who teach the degree programme
  - two members selected from the academic staff who teach in the degree programme.
3. The Admissions Officer is an advisory member. They will also be secretary to the Admissions Board.
4. The selection will be made by the Faculty Board, which will also set out the admissions requirements.

#### **Article 2.6 – Intake date and application dates**

1. There is one intake date per academic year, namely 1 September of each year.
2. The provisions of this Article also apply to students who reregister for the same degree programme.
3. This article has not been included in this OER, since it does not apply to UCG.
4. This article has not been included in this OER, since it does not apply to UCG.
5. A request for admission after 1 September may be submitted to the Admissions Board by email: (newstudents.ucg@rug.nl). A decision regarding this application will be taken within 4-6 weeks.

#### **Article 2.7 – Matching**

Because the degree programme is subject to a selection procedure, no matching activities are organized for prospective students. This is in accordance with Chapter 3 of the University of Groningen Regulations for Registration and Tuition Fees (RIC).

### **SECTION 3 – CONTENT AND DIRECTION OF THE DEGREE PROGRAMME**

#### **Article 3.1 – Aims and learning outcomes of the degree programme**

1. The degree programme aims to:
  - a. impart knowledge, skills and understanding in the field of Liberal Arts and Sciences, and to enable the learning outcomes listed in article 3.1.2. to be attained.

- b. foster academic development. This is defined as the development of competences (knowledge, skills and attitudes) concerning:
  - i. independent academic thought, action and communication
  - ii. use of the relevant academic instruments
  - iii. scientific and other communication
  - iv. the use of specific knowledge of a field in a wider academic, philosophical and social/cultural context
  - v. behavioural norms that apply during the degree programme and in the academic world
- c. prepare for a further degree programme. Students become familiar with the theory and practice of academic research from the very start of their Bachelor's degree programme.

2. A graduate...

<p>1. ... is competent and confident in the role as a <b>Content Expert</b>.</p>	<p>1.1 - ... has a broad understanding of fundamental paradigms, concepts and models in more than one discipline</p> <p>1.2 - ... has in- depth understanding of paradigms, concepts and models in at least one of the Majors</p> <p>1.3.- ... has a broad understanding of the contribution of arts to the Sciences</p> <p>1.4 - ... is able to understand the origin and context of complex real-world situations</p> <p>1.5 - ... is able to apply an interdisciplinary academic approach using these paradigms, concepts and models to solving complex real-world problems</p>
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<p>2. ... is competent and confident in the role as a <b>Researcher.</b></p>	<p>2.1 - ... has broad understanding of academic research design</p> <p>2.2 - ... has a more in-depth understanding of the research methods and techniques used in at least one of the Majors.</p> <p>2.3 - ... is able to select and apply the most appropriate methods and techniques in their research.</p> <p>2.4 - ... is able to critically evaluate scientific knowledge and limitations of fundamental theories and research methods within the chosen Major</p> <p>2.5.- ... has a broad understanding of artistic approaches in searching for creative and innovative solutions to complex societal problems.</p> <p>2.6.- ... understands the complexities of integrating scientific and artistic approaches</p>
<p>3. ... is competent and confident in the role as an <b>Innovator.</b></p>	<p>3.1 - ... is able to apply existing knowledge with imagination and creativity</p> <p>3.2- ... has acquired the foundations and skills for lifelong learning</p> <p>3.3 - ... reflects on personal performance (strengths and weaknesses)</p> <p>3.4- ... demonstrates ability to design their own learning path and learn in an active, deep and self-directed manner</p>
<p>4. ... is competent and confident in the role as a <b>Communicator.</b></p>	<p>4.1 - ... is an effective communicator in different media</p> <p>4.2 - ... is able to translate abstract concepts into meaningful and clear language</p>

	<p>4.3 - ... is able to report and discuss research outcomes with both a specialized and non-specialized audience</p> <p>4.4 - ... is able to communicate processes, conclusions and recommendations of a project in a compelling way</p>
<p>5. ... is competent and confident in the role as a <b>Collaborator</b>.</p>	<p>5.1 - ... effectively collaborates with peers, teaching staff and experts.</p> <p>5.2 - ... knows the value of and is able to participate in interdisciplinary teams</p> <p>5.3 - ... is aware of different collaboration and leadership styles and is able to adapt as needed</p> <p>5.4 - ... understands the need for and encourages diversity</p>
<p>6. ... is competent and confident in the role as an <b>Academic Integrator</b>.</p>	<p>6.1 - ... is able to apply knowledge, skills, and responsibilities to new settings and complex problems.</p> <p>6.2 - ... is able to integrate different disciplinary perspectives and knowledge</p> <p>6.3 - ... understands that complex situations cannot be addressed by a single discipline</p> <p>6.4 - ... formulates which information is needed and effectively uses this information to make thoroughly weighted decisions, particularly in light of ethical, legal and social implications</p>

3. The learning outcomes of the various individual course units (at programme level) can be found on Ocasys.

### **Article 3.2 – Conducting research**

1. Students who conduct research in the context of the degree programme do so in accordance with relevant legislation, the Dutch code of conduct for academic integrity, and the requirements of ethically sound research.
2. During the entire research process, students adhere to policies and procedures that apply under the Faculty data management policy.
3. Prior to the research, students can draw up a data management plan with their supervisor, which will be kept in accordance with the Faculty data policy. This plan will in any case address:
  - the student's responsibility when processing personal data
  - the security and other measures for data storage during the research
  - archiving and retention period
  - the responsibility for reusing data after the research.
4. Copyright for theses and other independently written assignments that aim to assess students' knowledge, understanding and skills will in principle lie with the student in question. Anyone who wants to use a student's thesis or other written work will need this student's permission. In order to archive theses and written assignments (possibly under embargo) and process them in accordance with the rules set out by the Dutch Inspectorate of Education and the Higher Education and Research Act, the University needs to be able to perform these activities without conditions. All students are obliged to unconditionally consent to the aforementioned actions.

### **Article 3.3 – Type of degree programme**

The degree programme is full time.

### **Article 3.4 – Language of the degree programme**

The degree programme is taught in English.

### **Article 3.5 – Student workload**

1. The degree programme has a student workload of 180 ECTS credit points.
2. The first year of the degree programme has a student workload of 60 ECTS credits.
3. The student workload is expressed in whole ECTS credit points.
4. This article has not been included in this OER, since it does not apply to UCG.

### **Article 3.6 – Practicals**

1. For each of the UCG course units, the course syllabus states if a course unit includes, in addition to teaching in the form of lectures, a practical. The mode and duration are stated in the course syllabus as well.
2. For each of the UCG course units including a practical, the course syllabus states if the course contains an assessment that can not be taken unless the relevant practical has been completed satisfactorily.
3. For each of the UCG course units including a practical, the course syllabus states if successful participation in the relevant practical is considered to mean passing a partial assessment for that course.

### **Article 3.7 – Contact hours**

1. In the first year, the degree programme has a minimum of 480 contact hours per academic year, of which all hours satisfy the requirement of small-scale and intensive teaching.
2. In the second and third years, the degree programme has a minimum of 480 contact hours per academic year, of which 320 hours satisfy the requirement of small-scale and intensive education.
3. Details of the contact hours are registered in the course syllabus and/or OCASYS.

### **Article 3.8 – Organization and final assessments of the degree programme**

1. The degree programme is concluded by a final Bachelor's assessment.
2. The entire programme comprises an Academic Core (55 ECTS), a Major (95 ECTS) and a Minor (30 ECTS).

3. All students must choose one of the following Majors.
  - Major Sciences.
  - Major Social Sciences.
  - Major Humanities.
  - Free Major.
4. Students participating in the Double Degree Programme, follow a Major Social Sciences in the field of study of Philosophy, Politics and Economics.

### **Article 3.9 – Participation in course units**

1. If they have registered for a specific course unit of the degree programme in good time, by means of <https://progresswww.nl/rug>, students can then participate in that course unit.
2. All UCG course units are taught in line with the requirements for small-scale and intensive education.
3. Admission to course units with limited capacity is arranged according to predefined admission criteria and priority regulations published on Student Portal. Students who are registered for the degree programme will be given priority for all UCG courses.
4. Students who are enrolled in the Bachelor's degree programme do not have access to any course units of a Master's degree programme.
5. Students who already successfully passed a course unit may not register for the same course unit again.

### **Article 3.10 – Attendance Requirements**

1. It is intended that the learning objectives will be achieved by student participation in all of the activities that comprise the course unit. Therefore, class attendance is regarded as an obligation, and all students are expected to attend regularly and punctually all course activities as part of the course units in which they are enrolled. Failure to do so may result in the student jeopardizing passing the course.
2. Notification of absence from a course must always be given prior to class and supported by reasons.



3. In the event of absence, the lecturer may stipulate sanctions and/or replacement assignments.
4. In any case, absence of more than 20%, without extraordinary circumstances, will result in the student jeopardizing passing the course.
5. Determination of extraordinary circumstances (see also Art 1.2.I) is to be made by the Academic Advisor.
6. The exact conditions for successfully passing a course are included in the syllabus for the course unit in question.
7. Students who failed a course as a result of not meeting the attendance requirements (and do not have an exemption from the attendance requirement due to personal circumstances) as discussed in Article 3.10 are not eligible for a resit or repair assignment. For those students, the final grade of the course is an F, as stated in Article 9.1.9.

## SECTION 4 – THE FIRST YEAR OF THE DEGREE PROGRAMME

### Article 4.1 – Composition of the first year of the degree programme

1. The first year of the degree programme includes the following course units with their related student workloads:

<b>Structure of the Degree Programme</b>			
YEAR 1 (60 ECTS )	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two LAS core electives:</b>  - <i>[course code] [course name]</i>	10 ECTS

		- <i>[course code] [course name]</i>	
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<b>One</b> Research & Methodology elective course <sup>1</sup> : - <i>[course code] [course name]</i>	5 ECTS
		<b>Four</b> level 100 or Research & Methodology elective courses <sup>1</sup> .  Students wishing to follow a Major in Humanities, Social Sciences or Sciences need to choose at least 3 courses within that discipline. Students wishing to follow a Free Major can choose courses within any discipline.  - <i>[course code] [course name]</i>  - <i>[course code] [course name]</i>  - <i>[course code] [course name]</i>  - <i>[course code] [course name]</i>	20 ECTS
<sup>1</sup> Students cannot choose both Mathematics and Calculus 1			

The lists with elective courses can be found in Appendix 1.

2. All course units and their modes of instruction are listed in the digital University course catalogue Ocasys.
3. In situations of force majeure, where it is not reasonably possible to teach in the manner indicated in OCASYS, it is possible to temporarily switch to another format of teaching and examination. This is also subject to the condition that the adopted learning outcomes continue to be achieved after the change of format.

## SECTION 5 – BINDING STUDY ADVICE

### Article 5.1 – Preliminary study advice

1. Halfway through the first semester of the first year of registration, in the first year of their degree programme, students will receive a study progress overview specifying the student workload realized thus far. Additional study progress overviews will be sent to students later in the academic year.
2. Students will receive written preliminary study advice as soon as possible **after the first semester**, and in any case before 1 March.
3. The preliminary study advice should be considered as a warning if there is a question of insufficient study progress, giving students the chance to improve their performance.
4. If the study progress is insufficient to such an extent that the student cannot reasonably be expected to satisfy the conditions for receiving positive study advice within the meaning of Articles 5.2.2.(a) and (b), they will be invited to a meeting with the academic advisor. The aim of this meeting is to discuss the student's study habits, to reassess the choice of degree programme and if necessary to refer them to a different degree programme.

### Article 5.2 – Definitive study advice (BSA)

1. Students must earn at least 60 ECTS credit points in the first year of the degree programme. This threshold is known as the BSA threshold.
2. Definitive study advice is issued at the end of the **first academic year**, by 31 July at the latest. This can be either:
  - a. positive: if the student has earned at least 60 ECTS credit points for the first year of the degree programme.
  - b. negative: if the student has earned less than 60 ECTS credit points for the first year of the degree programme. This study advice is binding for the student (BSA), in accordance with Article 7.8b.3 of the Act.
3. In the event that the preliminary study results are insufficient to such an extent that the student cannot reasonably be expected to pass the 60 ECTS credit points threshold by the end of the first year of study, binding negative study advice may be issued subsequently to the preliminary study advice as referred to in Article 5.1 before the end of the academic year. This may also be at the request of the student. The procedure set out in Article 5.5 will apply.

4.
  - a. The Faculty Board will take extraordinary circumstances, as referred to in Article 5.4, into account in its decision on which study advice to issue in the first year of registration.
  - b. Notwithstanding the stipulations in Article 5.2.2, if no assessment can be made with regard to a student's suitability for the degree programme due to extraordinary circumstances in the first year, the assessment may be postponed until a later date within the first year of the degree programme.
  - c. Students may be granted a lower BSA threshold in the case of structural circumstances, for instance when a student has functional needs.
5. For students who earned 55 ECTS and who passed the year 1 R&M elective as well as the Academic Core courses (Academic Skills, Introduction to Academic Research, Exploring Challenges of Modern Society 1 and 2, and Year 1 Project), the definitive study advice is postponed but will be issued no later than by the end of the second year of registration for the degree programme, and no later than 31 July.
  - a. The advice will be positive if the BSA threshold has been passed.
  - b. The advice will be negative (and binding) if the student in question still fails to pass the BSA threshold in the propaedeutic phase.

### **Article 5.3 – Exceptions to the definitive study advice**

#### ***Multiple degree programmes at the University of Groningen***

1. Students who are registered for the first year of two or more University of Groningen degree programmes, and by the end of the year satisfy the BSA threshold as referred to in Article 5.2.1 for one of them, will not have to satisfy the BSA threshold for the other programme(s) in that year. Students who have successfully completed the first year of a degree programme are exempt from the BSA requirements for the other programmes.

#### ***Propaedeutic certificate previously passed***

2. Students who have already passed the equivalent of the first year of a degree programme at the University of Groningen or another Dutch university or (for degree programmes that do not issue propaedeutic certificates), in the opinion of the Board of Examiners, have earned 60 ECTS credit points in the first year, will not fall under the BSA system for the degree programme at the University of Groningen for which they enrol in the first year of the degree programme.

#### ***Deregistration before 1 March***

3. No definitive study advice will be issued to students who submit a request for deregistration before or with effect from 1 March of the first year of registration in the degree programme. The procedure as set out in Article 5.1 will apply again to students

who reregister in a subsequent academic year. The BSA regulations for the academic year in which they reregister will then apply.

#### ***Deregistration before 1 March + registration by 1 February***

4. This article has not been included in this OER, since it does not apply to UCG
5. This article has not been included in this OER, since it does not apply to UCG

#### ***Registration as of 1 February***

6. An adapted BSA threshold will apply to students who register for a University of Groningen Bachelor's degree programme as of 1 February and have not previously been registered as students in the same academic year. These students must have earned 20 ECTS credit points from the second semester of the first year of the degree programme by the end of the second semester of the first year of registration. In all other cases, the provisions of Article 5.2 will apply *mutatis mutandis*.

#### **Article 5.4 – Extraordinary circumstances**

1. When deciding whether to issue binding negative study advice, the Faculty Board will take a student's extraordinary or personal circumstances into account at that student's request. The Faculty Board can thereupon decide to adjust the BSA threshold or postpone issuing study advice.

This evaluation will also take into account the student's study behaviour; the agreements made and any study plan drawn up in consultation with the academic advisor; when the extraordinary circumstances were reported; and the study results achieved by the end of the first year of study.

2. Students must report extraordinary personal circumstances to the academic advisor as soon as possible in order to ensure optimum support. The Faculty BSA Committee will make a decision in response to a student's request for postponement of the advice or an adjusted BSA threshold. Students must also report to the academic advisor as soon as possible if they are unable to complete the study plan drawn up in consultation with the academic advisor and based on the original or adapted BSA threshold.
3. If no assessment can be made at the end of the first academic year with regard to a student's suitability for the degree programme due to extraordinary circumstances, as referred to in Article 5.4.1, at the end of the first academic year that assessment may be postponed.
4. Postponed advice can be issued at any time as long as the first year of the degree programme has not yet been completed.
  - a. The postponed advice will be positive if the BSA threshold (possibly adjusted) has been passed.

- b. The advice will be negative (and binding) if the student in question still fails to pass the BSA threshold (possibly adapted) by the end of the first year of the degree programme.
5. All students whose study advice has been postponed (whether or not combined with an adaptation of their BSA threshold) are expected to draw up a study plan in consultation with the academic advisor of the degree programme, comprising at least the following:
  - a. the course units from the first year of the degree programme that have not yet been passed, with a related timeline
  - b. the course units from the second and third years of the degree programme that may be followed in addition to the course units listed under a.
6. Circumstances as referred to in Article 5.4.1 do not automatically lead to a successful application for a grant from the Graduation Fund.

#### **Article 5.5 – Procedure for issuing a definitive study advice**

1. Definitive study advice is issued by the Faculty Board on behalf of the Board of the University. The decision will also state the applicable safeguards of legal rights.
2. Before binding negative study advice is issued, students will receive notice of the intention to issue such advice, after which they will be given the opportunity to put their case to the Faculty Board or its representative.

#### **Article 5.6 – Consequences of a binding negative study advice**

1. Students who have received binding negative study advice may not register for the degree programme for a period of *two consecutive academic years* from 1 September of the next academic year.
2. Students who have been issued a binding (negative) study advice are not permitted to follow course units in this degree programme via a different degree programme or educational institution in order to avoid the consequences of their binding (negative) study advice. No exemptions will be granted for course units completed in this way, nor will such completed course units be recognised within the framework of the degree programme in any other way.
3. In case of a situation as described in Article 5.6.1, a student has to re-apply to the programme through the selection procedure.

### **Article 5.7 – Consequences of a positive study advice**

1. Anyone who has received positive study advice from a degree programme at the University of Groningen can be admitted to the second and third year of the relevant degree programme
2. Notwithstanding the first paragraph, the entry requirement that a previous course unit must have been successfully completed may apply to certain course units. This compulsory order of course units is set out in Ocasys and in Article 9.3 of these OER.
3. Admission does not apply to the Minor of the degree programme. Completion of the first year of the degree programme is required.

## **SECTION 6 – ADMISSION TO THE SECOND AND THIRD YEARS OF THE DEGREE PROGRAMME**

### **Article 6.1 – Admission criteria: second and third years of the degree programme**

Subject to the assessment of the Admissions Board, the following students will be admitted to the second and third years of the degree programme:

4. Students who have already passed the first year of the degree programme or (for degree programmes that do not issue propaedeutic certificates) have earned 60 ECTS credit points in the first year of a related degree programme, or students who have earned 55 ECTS credits and who passed the year 1 R&M elective as well as the Academic Core courses (i.e. Academic Skills, Introduction to Academic Research, Exploring Challenges of Modern Society 1 and 2, and Project Year 1) in the first year of study.
5. The Admissions Board may grant an exemption for the requirement stipulated in Article 6.1.1 to the holder of a diploma gained in the Netherlands or elsewhere and considered by the Admissions Board to be at least equivalent to passing the first year of the degree programme as referred to in Article 6.1.1.

### **Article 6.2 – Hardship clause: admission to second and third years of the degree programme**

The Board of Examiners may deviate from the stipulations of Articles 6.1 and 5.7 in situations where changes to the curriculum or educational force majeure would demonstrably lead to a situation of unfairness of an overriding nature. This is only possible in unique personal circumstances that are so unusual that admission cannot reasonably be denied.

## SECTION 7 – THE SECOND AND THIRD YEARS OF THE DEGREE PROGRAMME

### Article 7.1 – Composition: second and third years of the degree programme

1. The second and third year of the degree programme comprise the following course units and student workload.

Structure of the Degree Programme			
YEAR 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<b>Two</b> Research & Methodology elective courses <sup>1</sup> : - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	10 ECTS
		<b>One</b> level 100, 200 or 300 course AND <b>Six</b> level 200 or 300 or Research & Methodology elective <sup>1</sup> courses.  Students wishing to follow a Major in Humanities, Social Sciences or Sciences need to choose at least 5 courses within that discipline. Students wishing to follow a Free Major can choose courses within any discipline.  - <i>[course code] [course name]</i> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	35 ECTS



		- [course code] [course name]	
YEAR 3 (60 EC)	Minor (30 EC)	<p>University minor or personal minor.</p> <p>Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p>	30 ECTS
	Major (25 ECTS)	<p><b>Three</b> 300 level electives courses and a 10 ECTS Bachelor thesis.</p> <p>OR</p> <p><b>Two</b> 300 level electives courses and a 15 ECTS Bachelor thesis.</p> <p>Students wishing to follow a Major in Humanities, Social Sciences or Sciences need to choose these courses and write their thesis within that discipline. Students wishing to follow a Free Major can choose courses and write their thesis within any discipline.</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [Bachelor Thesis]</p>	25 ECTS

	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
<sup>1</sup> Students cannot choose both Mathematics and Calculus 1			

The lists with elective courses can be found in Appendix 1

2. The required information from this article has been included in article 7.1.1.
3. Students can fill their Minor room with the following components:
  - a. A broadening or deepening Minor
  - b. An internship
  - c. A period spent studying at a different university
4. The required information from this article has been included in article 7.1.
5. All course units and their modes of instruction are listed in the digital University course catalogue Ocasys.
6. In situations of force majeure, when it is not reasonably possible to provide teaching in the manner stated in Ocasys, alternative modes of instruction and assessment may temporarily be used, on condition that the defined learning outcomes are also achieved after the change in mode.
7. The programme structure for students participating in the Double Degree Programme differs from 7.1.1. The structure for both incoming and outgoing Double Degree students can be found in Appendix 1.

#### **Article 7.2 – Substitutions and electives followed elsewhere**

1. Following a student's substantiated request, the Board of Examiners may grant permission to replace part of the examination programme's electives with one or more course units up to a maximum of 10 ECTS not listed in appendix 4 (followed at the University of Groningen, another university in the Netherlands or abroad) as Major electives in the degree programme.

2. When assessing such a request, the Board of Examiners will in any case evaluate the coherence of the set of course units (or part thereof) and the level of the course units followed.

### **Article 7.3 - Open Degree Programme**

Students can choose the Open Degree Programme, which differs from the established degree programme. An Open Degree Programme must always be approved in advance by the Board of Examiners of the degree programme in which the student is registered.

## **SECTION 8 – Other degree programmes**

### **A. Minor Package**

#### **Article 8.1 – Minor**

1. The Minor room can be filled using any of the options listed in Article 7.1.3.
2. Students can choose between:
  - a. University Minor
  - b. Faculty Minor package
  - c. Personal Minor

#### **Article 8.2 – University Minor**

1. A University Minor is a coherent set of course units that students can follow either at their own or a different faculty.
2. Students who choose a University Minor for their Minor component do not need explicit permission from the Board of Examiners.

#### **Article 8.3 – Faculty Minor package**

1. A Faculty Minor is a coherent set of broadening course units that students can follow at a different faculty.
2. This article has not been included in this OER, since it does not apply to UCG

3. UCG does not offer a faculty minor package. Any faculty minor package from a different faculty that a UCG student wishes to follow should therefore be considered a personal minor, and needs to be presented to the Board of Examiners in advance for permission.

#### **Article 8.4 – Personal Minor package**

1. A Personal Minor is a coherent set of course units that students can compile themselves, which broaden or deepen the degree programme and can be followed either at the student's own or a different faculty.
2. Personal Minors must be presented to the Board of Examiners of the student's degree programme for approval in advance (in any case by the end of the second year of study).

#### **Article 8.5 – Authority of the Board of Examiners with regard to Minors**

1. The choice for a specific use of the Minor room must be approved by the Board of Examiners of the student's own degree programme, with the exception of a University Minor package chosen in accordance with Article 8.2.2.
2. Minor packages followed in other degree programmes or at other faculties *or educational institutions* are subject to the authority of the Board of Examiners of the degree programme administering the exam.
3. Minor packages in this degree programme followed by students from other degree programmes, faculties *or educational institutions* are subject to the authority of the Board of Examiners of this degree programme.
4. A responsible Board of Examiners will be assigned in the event of interfaculty University Minors.

### **B. Honours Programme**

#### **Article 8.6 – Bachelor's Honours Programme**

1. The Faculty participates in the Bachelor's Honours Programme organized by the University of Groningen Honours College. The Bachelor's Honours Programme does not form part of the regular Bachelor's curriculum.
2. Students who have been admitted to one of the Faculty's Bachelor's degree programmes are permitted to participate in the Bachelor's Honours Programme, if they are selected by the Dean of the University of Groningen's Honours College. Please

consult the Teaching and Examination Regulations of the University of Groningen Honours College for the selection procedure.

3. The Bachelor's Honours Programme has a total student workload of 30 or 45 ECTS credit points, divided over the three years of the Bachelor's programme. The Bachelor's Honours Programme, including the deepening Faculty part, is subject to the OER of the University of Groningen Honours College.
4.
  - a. The Honours Programme is not part of the regular Bachelor's curriculum. The results and marks do not count towards the accolade of a cum laude or summa cum laude honours predicate for the Bachelor's degree programme.
  - b. The Diploma Supplement accompanying the Bachelor's degree certificate also lists the results of the Bachelor's Honours Programme.

### **C. Pre-Master's programme**

#### **Article 8.7 – Pre-Master's programme**

This article has not been included, since it does not apply to UCG

#### **Article 8.8 – Composition of Pre-Master's programme**

This article has not been included, since it does not apply to UCG

#### **Article 8.9 – Language Courses**

Students may enroll for the following extracurricular two-year language courses:

- World Language: Spanish (total 5 ECTS; yearly 2.5 ECTS);
- World Language: Arabic (total 5 ECTS; yearly 2.5 ECTS);
- World Language: Japanese (total 5 ECTS; yearly 2.5 ECTS).
- World Language: Italian (total 5 ECTS; yearly 2.5 ECTS);
- World Language: German (total 5 ECTS; yearly 2.5 ECTS);
- World Language: Dutch (total 5 ECTS; yearly 2.5 ECTS).

There is a required financial contribution for these courses.

## **SECTION 9 – EXAMINATIONS**

### **Article 9.1 – General provisions**

1. Each course unit of the degree programme is assessed by means of an examination.
2. An examination comprises a number of partial assessments. The combined results of these partial assessments determine the examination result.
3. The examination assesses the students' academic development and mastery of the learning outcomes of the course unit.
4. The results of an examination are given as pass or fail, either expressed in numbers as 5.5 or more for a pass and 5.4 or lower for a fail, or expressed on a pass/fail scale with "P" for a pass or "F" for a fail.
5. Each UCG course has at least two partial assessment components graded on a 1-10 scale with up to one decimal, which comprise the examination of the course unit. The maximum contribution of an assessment component to the final grade of a course unit is 60%. The weighted total of these partial assessments determines the examination result.
6. In case a course has more than 2 partial assessments, partial assessments beyond 2 may be graded on a pass/fail scale. The result of the examination of the course is "F" in case the grade for a partial assessment graded on a pass/fail scale is "F". The course syllabus specifies if an assessment is graded on a pass/fail scale.
7. A minimum grade of 5.5 may be required for one or more partial assessments to pass the examination. The result of the examination of the course is "F" in case the grade for a partial assessment with a required minimum grade is below 5.5. Minimum grades are specified in the course syllabus.
8. If a student does not complete a partial assessment, they will receive a 1 for partial assessments graded on a 1-10 scale and a "F" for partial assessments graded on a pass/fail scale.
9. If a student fails a course due to failing the attendance requirement (see article 3.10), they receive an "F" for the examination of the course.
10. A maximum of 40% of the grade of a course can consist of the assessment of group work. Group members are individually assessed, which means that their grade may be different from the grades of their fellow group members.
11. An exemption applies to 9.1.5 for the internship course. All partial assessments of the internship course are graded on a pass/fail scale. The examination of the internship

course is "P" only if all partial examinations are "P".

12. An exemption applies to 9.1.5 for the Thesis courses. The examination of the Thesis courses consists of a single assessment.

13. Motivated exemptions to 9.1.5 and 9.1.10 are possible upon approval from the Academic Director of Education.

### **Article 9.2 – Sitting examinations**

1. Registration for a course unit of the degree programme, in accordance with Article 3.7 of the OER, means registration for the examination for that course unit.
2. Notwithstanding the provisions of Article 9.2.1, students can register and deregister for examinations during certain periods to be further defined.

### **Article 9.3 – Compulsory order**

The examinations for the course units listed below may not be taken before the examinations for the associated course units have been passed:

<b>Course unit</b>	<b>After passing course unit</b>
Visual and Arts-based Methods	Qualitative Data Collection and Analysis [UCG1RM06]
Project Year 2	Academic Skills [UCG1AC16] Introduction to Academic Research [UCG1AC02] Exploring Challenges of Modern Society 1 [UCG1AC03] Exploring Challenges of Modern Society 2 [UCG1AC04] Project Year 1 [UCG1AC01]
Calculus 2	Calculus 1 [UCG1RM04]
Statistics 2	Statistics 1 [UCG1RM07]

Statistics 3	Statistics 2 [UCG2RM03]
Public Finance	Micro-Economics [UCG1SS01]
Living Cell 2	Living Cell 1 [UCG1SC04]
Practical Life Science	Living Cell 1 [UCG1SC04] OR Biochemistry [UCG1SC06]
Computational Methods	Programming in Python [UCG1SC03]
Big Data - Data Science	Programming in Python [UCG1SC03]
Genetics	Living Cell 1 [UCG1SC04]
Neurobiology	Biopsychology [UCG1SS05] OR Living Cell 1 [UCG1SC04]
Oncology	Living Cell 1 [UCG1SC04] AND Living Cell 2 [UCG2SC02]
Age of Human Rights	International Law [UCG2SS18] OR Fundamentals of Law [UCG1SS08]
Political Economy	Micro-Economics [UCG1SS01]
Genetics	Living cell 1 [UCG1SC04]
Human Physiology	Living Cell 1 [UCG1SC04] AND Human Anatomy [UCG1SC09]
Project Year 3	Project Year 2 [UCG2AC01]
Empirical Political Economy	Political Economy [UCG2SS03] AND Statistics 2 [UCG2RM03]



Bachelor Thesis 10 ECTS (SC, SS and HU)	See article 9.6.9
Bachelor Thesis 15 ECTS (SC, SS, and HU)	See article 9.6.9
Bachelor Thesis 15 ECTS Double Degree	See article 9.6.9. For Incoming double degree students the first year and second year of the degree programme have been at Ca' Foscari. They write their thesis in the 4th year of their Double Degree Programme.

#### **Article 9.4 – Examination frequency and periods**

1. There will be an opportunity to sit the (partial) assessments for the course units listed in Article 4.1 and Article 7.1 for course units offered by UCG at least twice in each academic year. For each course, the second opportunity consists either of a resit (article 9.4.6), or a set of repairs (article 9.4.7). Which of these two options applies to a course is specified in the course syllabus. If the course syllabus does not specify whether the second opportunity consists of repairs or a resit, students will be given this opportunity via a resit. A course can not offer both repair assignments as well as a resit.
2. The periods in which examinations can be sat are listed in the course syllabus. Partial assessments can also be taken outside the period indicated.
3. This article has not been included, since it does not apply to UCG.
4. This article has not been included, since it does not apply to UCG.
5. This article has not been included, since it does not apply to UCG.
6. A resit will comprise an assessment of all learning outcomes of the course unit and will be offered at the designated period after the end of block 4. The assessment method may differ from the original assessments. If a student signs up for a resit, the grade of the resit will be the final grade of the course. If a student signs up for a resit and does not participate in the resit, the final grade of the course will be a 1.
7. For course units offering repair assignments as mentioned in article 9.4.1, students who have received a grade below 5.5 for one or more assessments may request to do a repair for these assessments. A repair will comprise an assessment of the learning outcomes of the original assessment. The assessment method may differ from the

original assessment. Students need to request to do a repair assignment within 5 days of having been informed of the grade of the original assignment. The nature, timeframe and grading of the repair assignment will be specified in the syllabus, which might also specify a maximum grade for the repair assignment. A repair assignment counts as a second attempt for the purposes of determining the honours predicate as per Article 10.5. If a student signs up for a repair, the grade of the repair will be the final grade of that partial assessment. If a student signs up for a repair and does not participate in the repair, the final grade of that partial assessment will be a 1.

### **Article 9.5 – Assessment of placement/internship or research assignment**

The assessment of a placement or research project is assessed by an internal, academic supervisor, who is appointed by the Board of Examiners. On-site supervisors from the original external party serve as advisors.

### **Article 9.6 – Thesis**

1. A thesis can in principle only be used for one University of Groningen degree programme. Full or partial exemption for a degree programme's thesis may be granted by the Board of Examiners on the basis of a thesis written for another degree programme.
2. Each thesis is assessed by at least two examiners.
3. Theses are kept by the Faculty Board for a period of seven years.
4. Students will be given the opportunity to write a Bachelor Thesis twice per academic year. The first opportunity is offered in semester 2 of the third year of the degree programme.
5. The period(s) during which students can write theses will be published in the Course Syllabus and OCASYS.
6. Students wishing to follow a Major in Humanities, Social Sciences or Sciences need to write their thesis within that discipline. Students wishing to follow a Free Major can write their thesis within any discipline. More detailed regulations on the design, content, time frame and assessment of the thesis can be found in the course syllabus of the thesis.
7. *If, by the end of the period referred to in Article 9.6.5, the assessor(s) is/are of the opinion that the thesis cannot be awarded a pass mark, the student will be given one opportunity to remedy the work in order to be awarded a pass mark, within a time frame defined by the degree programme.*

8. The Board of Examiners is the only body that can deviate from the provisions of this Article at the written request of a student.
9. Students must satisfy the following requirements in order to qualify for supervision and assessment of the final-year thesis for the degree programme:
  - a. *they must have earned at least 60 ECTS credit points from the first year of the degree programme*
  - b. *they must have earned at least 60 ECTS credit points in total from the second and/or third years of the degree programme combined.*
  - c. *their Bachelor's degree programme must have been approved by the Board of Examiners.*

#### **Article 9.7 – Mode of assessment**

1. Examinations will be taken in the form stated in Ocasys and specified in the course syllabus.
2. In situations of force majeure, when it is not reasonably possible to arrange examinations in the manner stated in Ocasys, alternative modes of instruction and assessment may temporarily be used, on condition that the defined learning outcomes are also achieved after the change in mode.
3. At a student's request, the Board of Examiners may allow an examination to be taken in a form other than stated above.
4. Detailed instructions or mock versions of each partial assessment will be made available to practice.

#### **Article 9.8 – Oral examinations**

1. Unless the Board of Examiners decides otherwise, an oral examination may only be taken by one student at a time. *A second examiner may attend the oral examination at the request of the student and/or the examiner.*
2. The oral examination is public, unless the Board of Examiners or the relevant examiner has determined otherwise in a special case *or the student does not agree to this.*

### **Article 9.9 – Request for additional resit**

1. Students may submit a request for an additional resit to the Board of Examiners.
2. Such requests may be granted if the student did not pass the examination in question due to special circumstances and not granting an additional resit would result in unacceptable study delay.
3. The following criteria apply to granting a request for an additional resit for the last course unit in the degree programme:
  - it must be the last examination result needed
  - the study delay is at least one semester if the additional resit is not granted
  - the examinee must have taken the last two regular examination opportunities for the course unit in question and in principle have obtained marks of at least 4.0 and 5.0

### **Article 9.10 – Authority of the Board of Examiners regarding electives offered by other degree programmes**

1. A request to take an elective at another degree programme must be approved by the Board of Examiners of the student's own degree programme. The restrictions of Article 7.2 apply.
2. The examination for an elective from another degree programme, and requests for alternative examination regulations, are subject to the authority of the Board of Examiners of that other degree programme. Article 10.2 applies.

### **Article 9.11 – Exemptions**

1. At a student's request, the Board of Examiners, having discussed the matter with the examiner in question, may grant exemption from an examination (or part thereof) on the basis of results earned previously (possibly elsewhere) on condition that the student:
  - a. has completed part of a university or higher vocational degree in the Netherlands or abroad that is equivalent in content and level
  - b. can demonstrate by work experience that they have sufficient knowledge and skills with respect to the course unit in question.

2. The provisions of Article 10.2 apply to exemptions.
3. Exemptions granted for examination components (or parts of them) have the same validity period as for examination results.

#### **Article 9.12 – Examinations and functional impairments**

1. Students with a disability are given the opportunity to sit examinations in a manner that is adapted as far as possible to their individual situation. If necessary, the Board of Examiners will seek expert advice from a student counsellor at the Student Service Centre (SSC) before making a decision.
2. With regard to examinations for electives taken at other degree programmes by students with a functional impairment, the Board of Examiners of the degree programme that sets the examination will comply with the provisions permitted by the Board of Examiners of the degree programme for which the student is registered.

#### **Article 9.13 – Examination provisions**

1. Notwithstanding the stipulations of Article 9.4, the Board of Examiners may decide to grant individual students a specific examination provision if not doing so would lead to an "exceptional instance of unfairness of an overriding nature."
2. Requests for an individual examination provision, including documentary evidence, must be submitted to the Board of Examiners as soon as possible, including documentary proof.

#### **Article 9.14 – Marking of examinations and publication of grades**

1. After an oral examination, the examiner will assess the examination immediately and shall, on request, provide the student with a statement on request.
2. The examiner will mark a (partial) assessment within ten working days of the day on which it was taken, and will provide the Faculty's administration department with the necessary details for registration of the result in Progress. In the event of unforeseen circumstances, as a result of which the period of ten working days is not reasonably feasible, this period can be extended by a maximum of five working days. The programme director/programme management must grant permission for this. Extending the period is not possible in Block 2b, nor for course units in the first year of the degree programme.

3. If a (partial) assessment is taken in a form other than oral or written, the Board of Examiners will determine in advance how and when students will receive written confirmation of the result.
4. Students can lodge an appeal against the results of an examination with the Central Portal for the Legal Protection of Student Rights (CLRS) within 30 working days of the date on which the result was announced.

#### **Article 9.15 – Validity**

1. Any completed course units remain valid indefinitely.
2.
  - a. Contrary to the provisions of Article 9.15.1, the Board of Examiners may decide to require a student to take a supplementary or substitute examination for a course unit that was taken more than 5 years previously before allowing that student to progress to the final assessment. This only applies if the student's knowledge, insight, or skills that are being assessed in this way are demonstrably outdated.
  - b. In the event of extraordinary personal circumstances, the period of validity will be extended throughout the period during which the student receives a provision from the Graduation Fund
  - c. (Partial) assessments passed within a course unit that has not been successfully completed will lapse at the end of the academic year in which they were passed.

#### **Article 9.16 – Right of inspection**

1. Students have the right to inspect their marked work during a period of 30 working days after the results of a written examination have been made known. Students who make use of this opportunity will be provided with a copy of their work at cost price at their request.
2. Within the time frame stipulated in Article 9.16.1, any interested person may request that they be allowed to peruse the examination paper and, if possible, the assessment criteria.
3. The Board of Examiners can determine that this inspection or perusal will take place at a certain place and at two set times at least. Students who can show that they were prevented by force majeure from attending at the indicated places and times will be offered another opportunity, if possible within the period stated in Article 9.16.1.

### **Article 9.17 – Board of Examiners and examiners**

1. The Board of Examiners is the independent body that determines whether individual students have the knowledge, understanding and skills required to be awarded a degree.
2. The Faculty Board appoints the members of the Board of Examiners based on their expertise in the field of the course (or group of courses).
3. The Board of Examiners must comprise at least:
  - a. one member who is associated with the degree programme as a lecturer
  - b. one member from outside the degree programme
4. Members of the Faculty Board or other people who have financial responsibilities within the institution may not be appointed as members of the Board of Examiners.
5. The Board of Examiners appoints examiners to set examinations and determine the results.
6. The Board of Examiners sets out Rules and Regulations for the Board of Examiners to assess and determine the results of examinations and final assessments.

### **Article 9.18 – Cheating and plagiarism**

1. Cheating is the act or omission of a student that makes it wholly or partly impossible to correctly assess their own or others' knowledge, insight and skills.
2. Cheating also includes plagiarism, which means copying someone else's work without correctly referring to the source.
3. The University uses a plagiarism scanner to check theses and written assignments for plagiarism. Each student is personally responsible for maintaining academic integrity.
4. If a student cheats, the Board of Examiners may exclude that student from participation in one or more examinations or final assessments for a maximum of one year.
5. In the event of serious cheating, the Board of Examiners can request the Board of the University to permanently terminate a student's registration in the degree programme.
6. In any case, the following can be considered to be serious cheating:

- a. impersonating someone else during the exam
  - b. being represented by someone else during the exam
  - c. obtaining the assignments and/or model answers for the relevant examination before the time when the examination takes place
  - d. fabricating and/or falsifying survey and/or interview answers and/or research data
7. The Board of Examiners has set out its course of action in the event of fraud in its Rules and Regulations.

#### **Article 9.19 – Invalid examination**

In the event of irregularities with regard to an examination that are so serious that an accurate assessment of the examinee's knowledge, understanding and skills cannot be made, the Board of Examiners may declare the examination invalid for either an individual examinee or a group of examinees.

#### **Article 9.20 – Termination of enrolment**

1. In cases of serious objectionable behaviour and/or remarks by a student, the Board of the University can in certain extraordinary cases, after advice from the Board of Examiners or from the Faculty Board, decide to terminate the enrolment of a student.
2. The Board of the University will not make a decision, as referred to in Article 9.20.1, until the student in question has been given an opportunity to put their case forward; any interests of the student and of the institution have been carefully assessed; and it has been found reasonable to assume that the student's behavior and/or statements prove that they are unsuitable for one or more of the professions for which they are being trained in their degree programme, or for the practical preparation for the profession. In such cases, the Faculty Board, the Board of Examiners and the Board of the University will follow the Protocol *Iudicium Abeundi* [protocol for termination of enrolment] as approved by the Nederlandse Federatie van Universitaire Medische Centra [Netherlands Federation of University Medical Centres] on 1 November 2010.
3. The stipulations in the University of Groningen Regulations for Registration and Tuition Fees (RIC: Regeling Inschrijving en Collegegeld) apply.

### **SECTION 10 – FINAL ASSESSMENT**



## **Article 10.1 – Marking examinations**

1. The degree programme is concluded with a final assessment.
2. On the condition that the student's study programme has been approved, the Board of Examiners will determine the result of the final assessment as soon as the student has passed all the required examinations. The Board of Examiners may define terms to this end. The results of the final assessment are an indication that the student has acquired the necessary academic training. The Board of Examiners issues a certificate to that effect.
3. If a student fails to meet the relevant deadlines for approval of the study programme referred to in Article 10.1.2, the Board of Examiners may postpone the student's graduation date. The new date may be in the academic year following the year in which the last examination was passed.
4. Before the result of the final assessment can be determined, the Board of Examiners may decide to test the student's knowledge of one or more course units or components of the degree programme, if and inasmuch as the marks for these course units provide a reason for doing so.
5. By determining the result of the final assessment, the Board of Examiners also commits itself to a speedy processing of the degree certificate ceremony.
6. Students who wish to postpone the date of graduation due to extra examinations that they must still take must submit a written request to this end to the Board of Examiners within two weeks of the date on which the graduation date is determined.
7. The graduation date is the date on which the final assessment is passed, as determined by the Board of Examiners in accordance with the provisions of Article 10.1.2, and not the date on which the degree certificate is presented to the student.

## **Article 10.2 – Course units completed elsewhere**

1. Students can only be awarded a Bachelor's degree from the degree programme if at least half of the programme was followed at the degree programme, during the student's period of registration as a student at the University of Groningen.
2. For double degree Bachelor's programmes offered with an institution abroad, at least one quarter of the programme must have been followed at the degree programme during the student's period of registration as a student at the University of Groningen for that degree programme at the University of Groningen. The provisions of Article 9.6.1 with regard to the thesis must be taken into account.

### **Article 10.3 – Degree certificate**

1. Students will receive a certificate issued by the Board of Examiners as proof that they have passed the final examination. Even if a student successfully completes more than one specialization within a degree programme, they will receive only one degree certificate. Article 10.2 applies.
2. The Board of Examiners will issue an International Diploma Supplement with each degree certificate.
3. If applicable, the results of the Bachelor's Honours Programme are listed in the Diploma Supplement accompanying the Bachelor's degree certificate.

### **Article 10.4 – Degree**

1. A student of Class of 2020 and later, and who has satisfied all requirements of the final assessment:
  - The Major programme in Sciences shall be awarded the degree "Bachelor of Science";
  - The Major programme in Social Sciences shall be awarded the degree "Bachelor of Science";
  - The Major programme in Humanities shall be awarded the degree "Bachelor of Arts";
  - The Free Major programmes shall be awarded the degree 'Bachelor of Science' or 'Bachelor of Arts' depending on the number of credits collected in the Major disciplines Humanities, Social Sciences or Sciences. A minimum number of 50 ECTS in level 100, 200 or 300 elective courses belonging to the Humanities is required for a Bachelor of Arts and a minimum number of 50 ECTS in level 100, 200 or 300 elective courses belonging to the Sciences or Social Sciences is required for a Bachelor of Science. Students who have completed both 50 ECTS within the Humanities as well as the Sciences or Social Sciences may choose to be awarded a Bachelor of Arts or a Bachelor of Science.
2. The degree awarded is stated on the degree certificate.
3. The supplement of the diploma will specify the Major.

### **Article 10.5 - Honours ("*Cum Laude*"/"*Summa Cum Laude*")**

1. The Board of Examiners assesses whether or not the Bachelor's degree certificate should be awarded with an Honours predicate.

2. The following conditions apply:
  - a. The mark for the thesis must satisfy the following minimum conditions:
    - For "Cum laude": the mark for the thesis must be at least 8.0
    - For "Summa cum laude": the mark for the thesis must be at least 9.0.
  - b. The weighted average (not rounded off) for all course units, excluding the thesis, within the examination programme approved by the Board of Examiners must be:
    - For "Cum laude": greater than or equal to 8.0
    - For "Summa cum laude": greater than or equal to 9.0
3. No honours will be awarded if the student workload of exemptions in ECTS credit points is more than half the total number of ECTS credit points for the degree programme. This stipulation does not apply to double degree programmes.
4. Honours predicates may only be awarded if the examinations for the course units were taken only once.
5. Honours may only be awarded if no single course unit was awarded a mark less than 7.0.
6. No honours will be awarded if a decision by the Board of Examiners has been taken to the effect that a student is no longer eligible for an honours predicate because cheating/plagiarism has been detected.
7. In extraordinary circumstances, the Board of Examiners may deviate from the provisions of articles 10.5.2 to 10.5.6.

### **Article 10.6 – Assessment Programme**

The Faculty Board sets an Assessment Programme. This Assessment Programme is an appendix to the OER and includes the following topics:

- The final qualifications of the degree programme
- The course units and learning outcomes of each course unit
- The relationship between course units and final qualifications; what is achieved where
- The assessment format applied and the testing moments per course unit

## **SECTION 11 – STUDY PROGRESS SUPERVISION**

### **Article 11.1 – Study progress administration**

The Faculty Board registers the individual study results of all students, and provides students with an overview of their study results at least once a year.

### **Article 11.2 – Study progress supervision**

The Faculty Board will organize the introduction and the study progress supervision for students enrolled in the degree programme, partly to promote their progress and partly with a view to potential study options within and outside the degree programme.

### **Article 11.3 – Good academic standing and academic support**

1. The degree programme requires students to remain in good academic standing. To do so, students need to earn the expected credits of the regular study load (30 ECTS of programme-related course units per semester).
2. Students on good academic standing may be given the opportunity:
  - to work for UCG
  - to go on exchange
3. Students who do not fulfill the criteria of good academic standing need to participate in academic support. Information can be found in the Student Portal.

## **SECTION 12 – TRANSITIONAL AND FINAL PROVISIONS**

### **Article 12.1 – Amendments**

1. Any amendments to these Regulations will, following a recommendation by and/or upon the approval of the Programme Committee and in consultation with – and where necessary upon the approval of – the Faculty Council, be confirmed by the Faculty Board in a separate decree.
2. Any amendments to these Regulations will not apply to the current academic year, unless it may reasonably be assumed that the amendment in question will not harm the interests of students.

3. In addition, an amendment may not influence any other decision concerning a student taken by the Board of Examiners under these Regulations to the disadvantage of that student.

### Article 12.2 – Publication

1. The Faculty Board will duly publish these Regulations as well as any amendments to them.
2. Copies of these Regulations are available from the Faculty Office. These documents can also be found on the Faculty website through the Student Portal.

### Article 12.3 – Evaluation

1. The Faculty Board will ensure that the OER is regularly evaluated, assessing at least – for monitoring and if necessary adapting the student workload – the amount of time students need to complete their duties as set out therein.
2. The Faculty Board evaluates the teaching in the Bachelor’s degree programme with the help of course evaluations.

### Article 12.4 – Taking effect

These Regulations will take effect on **September 1<sup>st</sup> 2024**.

### Article 12.5 – Transitional arrangements 2024-2025

The table below indicates which courses have been removed from the degree programme since the previous year, and which courses are available as replacement. In case of equivalent course content, a student is not allowed to take both the removed and the replacement course.

Course name	Course code	Final exam opportunity	Replacement course name	Replacement course code	Equivalent course content?	Explanation	Notes
Principles of Modern Technology	UCG1SC01	2022-2023	Students can choose any other Level 100 elective, taking into account their Major requirements	-	no	This course was removed due to a history of low number of participants and a sufficient number of alternative elective courses	

Introduction to Quantum Mechanics		2022-2023 (as Smart Mechanics)	Students can choose any other Level 200 elective, taking into account their Major requirements	-	no	This course was removed due to a history of low number of participants and a sufficient number of alternative elective courses	This course was previously taught as UCG2SC18 Smart Mechanics
Smart Technology Lab: From Art to Robotics	UCG3SC05	2023-2024	Students can choose any other Level 300 elective, taking into account their Major requirements	-	no	This course was removed due to a history of low number of participants and a sufficient number of alternative elective courses	
Bachelor theis	UCG3AC02	2023-2024	Bachelor Thesis 10 ECTS SC, Bachelor Thesis 10 ECTS SS and Bachelor Thesis 10 ECTS HU	UCG3SC09, UCG3SS12 UCG3HU09	yes	The general Bachelor Thesis of 10 ECTS was replaced by 3 different courses within the different Major disciplines	Students can only take one thesis course
Bachelor Thesis Extension	UCG3AC03	2023-2024	Bachelor Thesis 15 ECTS SC Bachelor Thesis 15 ECTS SS Bachelor Thesis 15 ECTS HU Bachelor Thesis 15 ECTS Double Degree	UCG3SC10 UCG3SS13 UCG3HU10 UCGAC05	yes	The extended thesis as a 5 ECTS additional course to the 10 thesis, was replaced by a 15 ECTS Bachelor Thesis. In addition, separate courses for the separate Majors are introduced as well as a Thesis for the Double Degree Programme	Students can only take one thesis course

#### Article 12.6 Addendum to OER 2023-2024

- The course Postcolonial Theory [UCG3SS11], a level 300 major elective, has been available to students from 2023-2024. The course should be considered an addition to the list of 300 level electives of 2023-2024 under the same conditions as in 2024-2025.
- The course Intermediate Mathematics [EBB933B05], a level 200 major elective, has been available to students in 2023-2024. The course should be considered an addition to the list of 200 level electives of 2023-2024 under the same conditions as in 2024-2025.

#### Article 12.7 – Transitional regulations

1. As of the Class of 2026, UCG offers four majors: Social Sciences, Humanities, Sciences and the Free Major. Students of the Class of 2024 and 2025 may still complete their

chosen specialization. A specialization is not compulsory and they do impose additional constraints on the choice of courses for the Major programme. Specializations may be subject to change due to course availability. The overview of courses in the tables in Appendix 1 also serve for guidance purposes and are based on the available courses in 2024-2025.

2. Class of 2024: The programme listed in the OER 2022-23 is valid for these students. Please note that in their Year 3, there is at least one course name change (see table in Appendix 5 OER 2023-2024).
3. Class of 2025: The programme listed in the OER 2022-23 is valid for these students in part. The courses taken in year 1 remain valid. In year 2 and year 3, there are a few course name changes (see table in Appendix 5 OER 2023-2024). As of Class of 2025, students who wish to build a focus into their programme, the information below outlines the former specialization with updates and revisions. The overview of courses in the tables in Appendix 1 also serve for guidance purposes and are based on the available courses in 2024-2025.

## Appendix 1: Structure of the Degree Programmes and course overview

### Liberal Arts and Sciences - degree programme structure

Structure of the Degree Programme			
YEA R 1 (60 ECT S)	Acade mic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two LAS core electives:</b> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	10 ECTS

		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<b>One</b> Research & Methodology elective course <sup>1</sup> : - [course code] [course name]	5 ECTS
		<b>Four</b> level 100 or Research & Methodology elective courses <sup>1</sup> .  Students wishing to follow a Major Humanities, Social Sciences or Sciences need to choose at least 3 courses within that discipline. Students wishing to follow a Free Major can choose courses within any discipline.  - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name]	20 ECTS
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<b>Two</b> Research & Methodology elective courses <sup>1</sup> : - [course code] [course name] - [course code] [course name]	10 ECTS



		<p><b>One</b> level 100, 200 or 300 course AND</p> <p><b>Six</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses.</p> <p>Students wishing to follow a Major Humanities, Social Sciences or Sciences need to choose at least 5 courses within that discipline. Students wishing to follow a Free Major can choose courses within any discipline.</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p>	35 ECTS
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor or personal minor.</p> <p>Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p>	30 ECTS

		- <i>[course code] [course name] [credits]</i>	
	Major (25 ECTS)	<p><b>Three</b> 300 level electives courses and a 10 ECTS Bachelor thesis.</p> <p>OR</p> <p><b>Two</b> 300 level electives courses and a 15 ECTS Bachelor thesis.</p> <p>Students wishing to follow a Major Humanities, Social Sciences or Sciences need to choose these courses and write their thesis within that discipline. Students wishing to follow a Free Major can choose courses and write their thesis within any discipline.</p> <p>- <i>[course code] [course name]</i></p> <p>- <i>[course code] [course name]</i></p> <p>- <i>[course code] [course name]</i></p> <p>- <i>[course code] Bachelor Thesis</i></p>	25 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

### Double Degree Programme Ca'Foscari - degree programme structure

**Double Degree Programme Ca' Foscari (PISE) and UCG Social Science Major  
(Philosophy, Politics and Economics)**

Incoming Students		
YEAR 1 in Venice	[LT9037] [Modern And Contemporary History] (12 ECTS) [LT9044] [Development Of Economic Thought] (6 ECTS) [LT9001] [Introduction To Politics] (12 ECTS) [LT9007] [LOGIC AND PHILOSOPHY OF SCIENCE 1] (6ECTS) [LT9004] [INTRODUCTION TO PHILOSOPHY] (12 ECTS) [LT9005] [INTRODUCTION TO ECONOMICS] (12 ECTS) [LT9029] [INTRODUCTION TO PROBABILITY FOR ECONOMICS] (6ECTS) [LT9030] [MATHEMATICS FOR SOCIAL SCIENCES] (6ECTS)	72 ECTS
YEAR 2 in Venice	[LT9027] [LOGIC AND PHILOSOPHY OF SCIENCE 2] (6 ECTS) [LT9008] [POLITICAL PHILOSOPHY] (12 ECTS) [LT9009] [MORAL PHILOSOPHY] (12 ECTS) [LT9023] [ECONOMICS OF LABOUR AND WELFARE] (6 ECTS) [LT9012] [International Relations] (12 ECTS)	60 ECTS

	<p>Choose one of the following courses (6 ECTS):</p> <p>[LT9035] [Sociological Theories]</p> <p>[LT9036] [Social Movement Studies]</p> <p>Choose one of the following courses (6 ECTS):</p> <p>[LT9040] [Economic Sociology]</p> <p>[LT9045] [Environment, Science and Global Politics]</p> <p>[LT9046] [Europe as an International Actor]</p> <p>[LT9013] [History of Asia]</p> <p>[LT9039] [History of Global Relations]</p> <p>[ LT9014] [History of Latin America]</p>	
YEAR 3 in Groningen	UCG2AC01 Project Year 2	10 ECTS
	UCG1AC03 Exploring Challenges of Modern Society 1	5 ECTS
	- UCG1AC02 Introduction to Academic Research - UCG2RM03 Statistics 2	10 ECTS
	[UCG1AC04] Exploring Challenges of Modern Society 2	5 ECTS

	<ul style="list-style-type: none"> <li>- [UCG2SS12] <i>[Public Finance]</i></li> <li>- [UCG2HU05] <i>[Freedom and Responsibility]</i></li> <li>- [UCG2SS04] <i>[Models of Democracy]</i></li> <li>- [UCG2SS03] <i>[Political Economy]</i></li> </ul>	20 ECTS
	<p>- Two 200/300 level courses in Social Science. It is recommended to choose courses on the topic Philosophy, Politics or Economics</p> <p>OR</p> <p>- Two 200/300 level courses from any discipline</p>	10 ECTS
YEAR 4 in Groningen	UCG3AC01 Project Year 3	5 ECTS
	<p>The following three courses:</p> <ul style="list-style-type: none"> <li>- [EBB933B05] Intermediate Mathematics* [Note: this course is a prerequisite for 'Intermediate Microeconomics' and 'Intermediate Macroeconomics']</li> <li>- [EBB852B05] Intermediate Microeconomics*</li> <li>- [EBB842B05] Intermediate Macroeconomics*</li> </ul> <p>Or</p>	15 ECTS

	Three Electives Social Sciences [at least two courses must be at level 300]. It is recommended to choose courses in the topics of Philosophy, Politics or Economics.	
	Choose one from:  [UCG3SS06] Global Justice  [UCG3SS04] Empirical Political Economy	5 ECTS
	<i>[UCGAC05] [Bachelor Thesis 15 ECTS Double Degree]</i>	15 ECTS
	[Minor space (20 ECTS)] Four electives from any discipline (20 ECTS)  OR  Internship (15 ECTS) and one elective from any discipline (5 ECTS)	20 ECTS

<b>Double Degree Programme Ca' Foscari (PISE) and UCG UCG Social Science Major (Philosophy, Politics and Economics)</b>  <b>Outgoing Students</b>		
YEAR 1 in Groningen	UCG1RM01 <i>Academic Skills</i>	5 ECTS

	UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
	UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
	UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
	LAS core electives:  - <i>[course code] [course name]</i>  - <i>[course code] [course name]</i>	10 ECTS
	UCG1RM05 <i>Mathematics</i>	5 ECTS
	UCG1AC01 <i>Project Year 1</i>	5 ECTS
	- <i>[UCG1SS02] [Macro-Economics]</i>  - <i>[UCG1SS01] [Micro-Economics]</i>  - <i>[UCG1SS03] [Political Philosophy]</i>  <i>Choose one Elective course within Social Sciences</i>  - <i>[course code] [course name]</i>	20 ECTS
YEAR 2 in Groningen	UCG2AC01 <i>Project Year 2</i>	10 ECTS
	- <i>UCG1RM11 Statistics 1</i>	10 ECTS

	- UCG2RM03 Statistics 2	
	UCG2AC02 Philosophy of Science	5 ECTS
	<p>Compulsory</p> <ul style="list-style-type: none"> <li>- [UCG2HU05] [Freedom and Responsibility]</li> <li>- [UCG2SS04] [Models of Democracy]</li> <li>- [UCG2SS03] [Political Economy]</li> <li>- [UCG2SS12] [Public Finance]</li> </ul> <p>Choose three of the following courses:</p> <ul style="list-style-type: none"> <li>- [UCG2SS14] [International relations theories (and practice)]</li> <li>- [UCG2SS15] [International politics]</li> <li>- [UCG2HU06] [Arts, Technology and Philosophy]</li> <li>- [UCG2HU01] [Logic]</li> <li>- [EBB061B05] [Econometrics for E&amp;BE*]</li> <li>- [UCG2SS17] [Principles of Entrepreneurship]</li> </ul>	35 ECTS



	<i>[UCG2SS09] [Decision Making]</i>	
YEAR 3 in Venice	<p><i>[LT9027] Logic and Philosophy of Science 2 (6ECTS)</i></p> <p><i>[LT9025] Theoretical Philosophy (6ECTS)</i></p> <p><i>[LT9028] International Economics and Development Studies (6ECTS)</i></p> <p><i>[ET4006] Business Economics and Management (6ECTS)</i></p> <p><i>[ET2021] Public Economics (6ECTS)</i></p> <p><i>[LT9021] International Law (6ECTS)</i></p> <p><i>Choose one of the following courses (6 ECTS):</i></p> <p><i>[LT9044] [DevelopmentOF ECONOMIC THOUGHT]</i></p> <p><i>[LT9034] [ECONOMIC HISTORY]</i></p> <p><i>Choose one of the following courses (6 ECTS):</i></p> <p><i>[LT9017] Economics of Globalization</i></p> <p><i>[LT9043] Political and Intellectual History</i></p> <p><i>[LT9015] Population History</i></p> <p><i>Choose one of the following courses (6 ECTS):</i></p> <p><i>[LT9036] Social Movement Studies</i></p> <p><i>[LT9035] Sociological Theories</i></p> <p><i>Choose one of the following courses (6ECTS)</i></p>	60 ECTS

	<p><i>[LT9011] Macroeconomics and Institutions</i></p> <p><i>[LT9041] Medieval Philosophy</i></p> <p><i>[LT9047] Politics and Environmental Sustainability</i></p> <p><i>[LT9020] Public Economics and Welfare System</i></p>	
<p>YEAR 4 in Venice</p>	<ul style="list-style-type: none"> <li>- <i>[ET4011] [MONETARY ECONOMICS]</i></li> <li>- <i>[ET4005] [EUROPEAN PUBLIC LAW]</i></li> <li>- <i>[ET4003] [EUROPEAN PRIVATE LAW] (12 ECTS)</i></li> <li>- <i>[LT9024] [HISTORY OF PHILOSOPHY]</i></li> <li>- <i>[ET0088] [ECONOMICS OF THE ENVIRONMENT]</i></li> </ul> <p><i>Choose of the following courses (6 ECTS):</i></p> <ul style="list-style-type: none"> <li>- <i>[ET2013] [INTRODUCTION TO ECONOMETRICS]</i></li> <li>- <i>[ET2016] [LABOUR ECONOMICS]</i></li> <li>- <i>[ET2028] [INDUSTRIAL ORGANIZATION]</i></li> <li>- <i>[ET4009] [FINANCIAL ECONOMICS]</i></li> </ul>	<p>42 ECTS</p>
	<p><i>[Tirocini formativi] - Extended thesis</i></p>	<p>12 ECTS</p>

	<i>Final Project</i>	6 ECTS
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### Overview of courses

All 100, 200 and 300 elective courses belong to one or more of the Major disciplines Humanities, Social Science or Sciences. Students following a Major Humanities, Social Sciences or Sciences are required to take a minimum number of courses belonging to the respective Major discipline.

Courses offered at another UG faculty are indicated by a \*.

<b>Academic Core Courses</b>			
<b>Course name</b>	<b>Course code</b>	<b>Level</b>	<b>ECTS</b>
Exploring Challenges of Modern Society 1	UCG1AC03	100	5
Exploring Challenges of Modern Society 2	UCG1AC04	100	5
Project Year 1	UCG1AC01	100	5
Project Year 2	UCG2AC01	200	10
Project Year 3	UCG3AC01	300	5
Academic Skills	UCG1AC16	100	5
Introduction to Academic Research	UCG1AC02	100	5
Philosophy of Science	UCG2AC02	200	5

<b>LAS Core Elective Courses (5 ECTS per course)</b>		
<b>Course name</b>	<b>Course code</b>	<b>Level</b>
Culture: The Building Blocks	UCG1AC05	100
Disease	UCG1AC12	100
How Things Work	UCG1AC07	100
Love	UCG1AC08	100
People, Place and Culture in a Global Context	UCG1AC10	100
War	UCG1AC11	100
This is the Sea	UCG1AC13	100

<p><b>Research and Methodology Elective Courses (5 ECTS per course, no assigned level)</b>  <b>Indicated are the <i>recommended</i> R&amp;M courses per Major.</b></p>
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**Students may choose to take more than the required 15 ECTS R&M elective courses as part of their Major programme. In that case, the R&M electives are counted towards the major discipline(s) in accordance with their respective Major recommendation.**

**Students may not choose both Mathematics and Calculus 1.**

<b>Course name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Calculus 1 (recommended UCG Math Diagnostic Test 7.0)	UCG1RM04	X	X	
Calculus 2 (pre-requisite Calculus 1)	UCG2RM01	X	X	
Computational Methods (pre-requisite Programming in Python)	UCG2RM04	X	X	
Interpretive Methods	UCG2RM06		X	X
Mathematics	UCG1RM05	X	X	
Qualitative Data Collection and Analysis	UCG1RM10		X	X
Statistics 1	UCG1RM11	X	X	X
Statistics 2 (pre-requisite Statistics 1)	UCG2RM03	X	X	X
Statistics 3 (pre-requisite Statistics 1 and 2)	UCG2RM09		X	
Test Theory* (pre-requisite Statistics 1)	PSBE2-06		X	
Logic	UCG2RM08	X	X	X
Visual and Arts-based Methods (pre-requisite: Qualitative Data Collection and Analysis)	UCG2RM07		X	X

<b>100 level elective courses (5 ECTS per course)</b>				
<b>Course name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Artivism	UCG1HU06		X	X
Biochemistry	UCG1SC06	X		
Biopsychology	UCG1SS05	X	X	
Ethics	UCG1SS04	X	X	X
Fundamentals of Law	UCG1SS08		X	

Health and Wellbeing: Historical Perspectives	UCG1HU02	X	X	X
Human Anatomy	UCG1SC09	X		
International Business	UCG1SS10		X	
Introduction to Sociology	UCG1SS07		X	
Linear Algebra	UCG1SC02	X		
Living Cell 1	UCG1SC04	X	X	
Macro-Economics	UCG1SS02		X	
Micro-Economics	UCG1SS01		X	
Music in Culture	UCG1HU05		X	X
Philosophy of Mind	UCG1HU01		X	X
Policy Making in the EU	UCG1SS09		X	
Political Philosophy	UCG1SS03		X	X
Programming in Python	UCG1SC03	X	X	X
Social and Cultural Psychology	UCG1SS06		X	
Understanding Bias	UCG1HU04		X	X

<b>200 level elective courses (5 ECTS per course)</b>				
<b>Course name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Advanced Logic*	WBAI017-05	X		
Advanced Programming	UCG2SC12	X		
Artificial Intelligence	UCG2SC13	X		
Arts, Technology and Philosophy	UCG2HU06		X	X
Big Data - Data Science	UCG2SC11	X		X
Clinical Psychology	UCG2SS13	X	X	
Cognitive Psychology	UCG2SS07	X	X	
Crosscultural Management*	EBB036A05		X	
Cultural Criticism	UCG2HU04			X
Decision Making	UCG2SS09		X	X
Dystopias	UCG2HU11			X
Econometrics for E&BE*	EBB061B05		X	
Ethics in Artificial Intelligence*	WBAI040-05	X		
Ethical Dilemmas in the Sciences	UCG2SC17	X		X
Ethics and International Business*	EBB608B05		X	X
European Law	UCG2SS19		X	
Electronics and Signal Processing	UCG2SC19	X		
Freedom and Responsibility	UCG2HU05		X	X
Genetics	UCG2SC03	X		
Global Corporate Strategy	UCG2SS06		X	
Growth, Institutions and Business*	EBB022A05		X	
Human Immunology	UCG2SC04	X		

Human Physiology	UCG2SC01	X		
Intermediate Mathematics*	EBB933B05		X	
International Law	UCG2SS18		X	
International Marketing	UCG2SS10		X	
International Politics	UCG2SS15		X	X
International Relations Theories (and Practice)	UCG2SS14		X	X
Knowledge is Power	UCG2HU03			X
Leadership in Culture	UCG2HU10		X	X
Living Cell 2	UCG2SC02	X		
Machine Learning	UCG2SC14	X		
Meaning and Truth in Language and Art	UCG2HU12			X
Medical Microbiology	UCG2SC16	X		
Models of Democracy	UCG2SS04		X	X
Molecular Biophysics*	WBPH023-05	X		
Myths we Live by: Narrative in Politics and Society	UCG2HU09		X	X
Personality and Individual Differences*	PSBE1-05		X	
Pharmaco-epidemiology*	WBFA028-05	X		
Policy and Principles of Private Law	UCG2SS05		X	
Political Economy	UCG2SS03		X	
Practical Life Science	UCG2SC09	X	X	
Principles of Entrepreneurship	UCG2SS17		X	
Public Finance	UCG2SS12		X	
Signals and Systems (for AI)*	WBAI016-05	X		
Smart Technology Lab: Fundamentals	UCG2SC07	X		
Social Complexity and Networks	UCG2SS11		X	X
World Literature	UCG2HU07			X

<b>300 level elective courses (5 ECTS per course)</b>				
<b>Course name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Clinical Neuropsychology*	PSB3E-CN01	X	X	
Criminal Law	UCG3SS01		X	
Empirical Political Economy	UCG3SS04		X	
Evidence-based Policy Analysis	UCG3SS03		X	
Existential Risks	UCG3HU06		X	X
Quality of Life	UCG3HU02		X	X
Global Justice	UCG3SS06		X	

Growth and Development Economics*	EBB811B05		X	
Medical Technology	UCG3SC03	X		
Intermediate Macroeconomics*	EBB842B05		X	
Intermediate Microeconomics*	EBB852B05		X	
Mind and Society	UCG3SS02		X	X
Neurobiology <sup>1</sup>	UCG3SC07	X	X	
Oncology	UCG3SC01	X		
Philosophical Foundations of Psychology	UCG3SS10		X	
Postcolonial Theory	UCG3SS11		X	X
Robotics	UCG3SC04	X		
Science Communication	UCG3SC06	X	X	X
The Age of Human Rights	UCG3SS05		X	
The City	UCG3HU08		X	X

<sup>1</sup>Students can not take both the course Neurobiology and the minor Neuroscience due to overlapping course content

<b>Thesis (300 Level) Major</b>				
<b>Students can only take one of the following Thesis courses.</b>				
<b>Specific entry requirements apply to the 15 ECTS thesis (see Ocasys). The Bachelor Thesis Double Degree is only available to and mandatory for students in the Double Degree Programme.</b>				
<b>Course Name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Bachelor Thesis 10 ECTS SC	UCG3SC09	X		
Bachelor Thesis 10 ECTS SS	UCG3SS12		X	
Bachelor Thesis 10 ECTS HU	UCG3HU09			X
Bachelor Thesis 15 ECTS SC	UCG3SC10	X		
Bachelor Thesis 15 ECTS SS	UCG3SS13		X	
Bachelor Thesis 15 ECTS HU	UCG3HU10			X
Bachelor Thesis 15 ECTS Double Degree	UCGAC05		X	

<b>Minor Elective (300 Level)</b>				
<b>Course Name</b>	<b>Course code</b>	<b>SC</b>	<b>SS</b>	<b>HU</b>
Internship (15 ECTS)	UCG3RM01	X	X	X

## **Appendix 2: Transitional Regulations regarding the specializations**

As of the Class of 2026, UCG offers four majors: Sciences, Social Sciences, Humanities and the Free Major. Students of the Class of 2024 and 2025 may still complete their chosen specialization. A specialization is not compulsory and imposes additional constraints on the choice of courses for the Major programme. Specializations may be subject to change due to course availability. The overview in the tables below also serves a guidance purpose and is based on the available courses in 2024-2025.

Please note that the overviews of the specializations in this appendix still contain old information on the thesis. The extended thesis option has been replaced as of 2024-2025 by the Bachelor Thesis 15 ECTS. For the correct thesis codes, see the table in Appendix 1.

Courses offered at another UG faculty are indicated by a \*.

Courses no longer part of the degree programme are indicated by a °.

Where course codes have changed, the tables below show the course codes the course had during the year a student of the respective class would have taken the course by default.

### **CLASS of 2024**

The programme listed in the OER 2022-23 is valid for these students. Please note that in their Year 3, there is at least one course name change (see table in Appendix 5 OER 2023-2024).

### **CLASS of 2025**

The programme listed in the OER 2022-23 is partly valid for Class of 2025 students. The courses taken in year 1 remain valid. In year 2 and year 3, there are a few course name changes (see table in Appendix 5 OER 2023-2024).

As Class of 2025, students who wish to build a focus into their programme, the information below outlines the former specialization with updates and revisions. The overview of courses in the tables in Appendix 1 also serve for guidance purposes and are based on the available courses in 2024-2025.

### **Overview of the old specializations**

#### **Specializations within the Major Humanities**

<b>Truth, Meaning and Rationality – Class of 2025</b>
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YEA R 1 (60 ECT S)	Acade mic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two</b> LAS core electives: - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	10 ECTS
	UCG1AC01 <i>Project Year 1</i>	5 ECTS	
	Major (25 ECTS)	<b>One</b> Research & Methodology elective course <sup>1</sup> : - <i>[course code] [course name]</i>	5 ECTS

		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- UCG1SS04 Ethics</li> <li>- UCG1HU01 Philosophy of Mind</li> </ul> <p><b>One</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG1HU06 Artivism</li> <li>- UCG1SS03 Political Philosophy</li> <li>- UCG1HU04 Understanding Bias</li> </ul> <p><b>One</b> level 100 or Research &amp; Methodology elective course<sup>1</sup> from any discipline:</p> <p>- [course code] [course name]</p>	20 ECTS
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> mandatory Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG2RM06 Interpretive Methods</li> <li>- UCG2RM08 Logic</li> </ul>	10 ECTS

		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- UCG2HU12 Meaning and Truth in Language and Art</li> <li>- UCG2SS09 Decision Making</li> </ul> <p><b>Three</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG2SC17 Ethical Dilemmas in the Sciences</li> <li>- UCG2HU04 Cultural Criticism</li> <li>- UCG2HU05 Freedom and Responsibility</li> <li>- UCG2HU06 Arts, Technology and Philosophy</li> <li>- UCG2SS04 Models of Democracy</li> </ul> <p><b>Two</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses from any discipline:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	35 ECTS
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses*. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> </ul>	30 ECTS

		- [course code] [course name] [credits] - [course code] [course name] [credits]	
	Major (25 ECTS)	<b>One</b> mandatory course: - UCG3HU06 <i>Existential Risks</i>  <b>Two</b> 300 level electives courses within the humanities: - [course code] [course name] - [course code] [course name]	15 ECTS
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

Social and Cultural Change – Class of 2025			
YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS

		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two</b> LAS core electives: - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<b>One</b> mandatory Research & Methodology elective course <sup>1</sup> : - UCG1RM10 Qualitative Data Collection and Analysis	5 ECTS
<b>Three</b> of the following courses: - UCG1HU06 Artivism - UCG1HU04 Understanding Bias - UCG1HU05 Music in Culture - UCG1HU07 Health and Wellbeing: Historical Perspectives - UCG1SS04 Ethics  <b>One</b> level 100 or Research & Methodology elective course <sup>1</sup> from any discipline:		20 ECTS	

		- [course code] [course name]	
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> mandatory Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG2RM06 Interpretive Methods</li> <li>- UCG2RM07 Visual and Arts-based Methods</li> </ul>	10 ECTS
<p><b>Five</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG2SC17 Ethical Dilemmas in the Sciences</li> <li>- UCG2HU05 Freedom and Responsibility</li> <li>- UCG2HU04 Cultural Criticism</li> <li>- UCG2HU11 Dystopias</li> <li>- UCG2HU12 Meaning and Truth in Language and Art</li> <li>- UCG2HU09 Myths we Live by: Narrative in Politics and Society</li> <li>- UCG2HU03 Knowledge is Power</li> <li>- UCG2HU07 World Literature</li> <li>- UCG2HU06 Arts, Technology and Philosophy</li> <li>- UCG2HU10 Leadership in Culture</li> </ul>		35 ECTS	

		<p><b>Two</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses from any discipline:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> </ul>	30 ECTS
	Major (25 ECTS)	<p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG3HU02 Quality of Life</li> <li>- UCG3HU08 The City</li> <li>- UCG3HU06 Existential Risks</li> <li>- UCG3SC06 Science Communication</li> <li>- UCG3SS02 Mind and Society</li> <li>- UCG3SS06 Global Justice</li> <li>- UCG3AC03 Bachelor Thesis Extension</li> </ul>	15 ECTS

		<b>One</b> 300 level electives course within the humanities: - <i>[course code] [course name]</i>	
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
<sup>1</sup> Students cannot choose both Mathematics and Calculus I			

**Specializations within the Major Social Sciences**

<b>International Business and Entrepreneurship (IBE) – Class 2025</b>			
YEA R 1 (60 ECTS)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two</b> LAS core electives:	10 ECTS



		- <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<b>One</b> of the following Research & Methodology elective courses <sup>1</sup> : - <i>UCG1RM11 Statistics 1</i> - <i>UCG1RM10 Qualitative Data Collection and Analysis</i> - <i>UCG1RM05 Mathematics (recommended if not confident about mathematics skills)</i> - <i>UCG1RM04 Calculus 1</i>	5 ECTS
		<b>Three</b> mandatory courses: - <i>UCG1SS10 International Business</i> - <i>UCG1SS03 Political Philosophy</i> - <i>UCG1SS01 Micro-Economics</i>  <b>One</b> level 100 or R&M elective course <sup>1</sup> from any discipline: - <i>[course code] [course name]</i>	20 ECTS
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS

	Major (45 ECTS)	<p><b>Two</b> mandatory Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Statistics 1</i> (if Statistics 1 has been taken in year 1, any other Research and Methodology course may be chosen)</li> <li>- <i>UCG2RM03 Statistics 2</i></li> </ul>	10 ECTS
		<p><b>Three</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SS10 International Marketing</i></li> <li>- <i>UCG2SS06 Global Corporate Strategy</i></li> <li>- <i>UCG2SS17 Principles of Entrepreneurship</i></li> </ul> <p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>EBB036A05 Crosscultural Management*</i></li> <li>- <i>EBB608B05 Ethics and International Business*</i></li> <li>- <i>EBB022A05 Growth, Institutions and Business*</i></li> <li>- <i>EBB061B05 Econometrics for E&amp;BE*</i></li> <li>- <i>UCG2RM09 Statistics 3</i></li> <li>- <i>UCG2SS03 Political Economy (advised if you plan to follow Empirical Political Economy)</i></li> </ul> <p><b>One</b> level 200 or 300 or R&amp;M elective course<sup>1</sup> from the social sciences:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> </ul>	35 ECTS

		<p><b>One</b> level 200 or 300 or R&amp;M elective course<sup>1</sup> from any discipline:</p> <p>- <i>[course code] [course name]</i></p>	
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p>	30 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following courses:</p> <p>- <i>UCG3SS04 Empirical Political Economy</i></p> <p>- <i>UCG3SS06 Global Justice</i></p> <p>- <i>UCG3SS05 The Age of Human Rights</i></p> <p><b>Two</b> level 300 elective courses from the social sciences:</p> <p>- <i>[course code] [course name]</i></p> <p>- <i>[course code] [course name]</i></p>	15 ECTS

		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

**International Relations and International Law (IRIL) – Class 2025**

Students who are interested in LLM programmes are advised to take electives labeled with (L)

Students who are interested in the MA in International Relations are advised to select the R&Ms labeled (IR)

YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS

		<p><b>Two</b> LAS core electives:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	10 ECTS
		<p>UCG1AC01 <i>Project Year 1</i></p>	5 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Statistics 1 (IR)</i></li> <li>- <i>UCG1RM10 Qualitative Data Collection and Analysis (IR)</i></li> <li>- <i>UCG1RM05 Mathematics</i></li> <li>- <i>UCG1RM04 Calculus 1</i></li> </ul>	5 ECTS
		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG1SS03 Political Philosophy</i></li> <li>- <i>UCG1SS08 Fundamentals of Law (L)</i></li> </ul> <p><b>One</b> level 100 or R&amp;M elective course<sup>1</sup> from Social Sciences:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> </ul> <p><b>One</b> level 100 or R&amp;M elective course<sup>1</sup> from any discipline:</p>	20 ECTS

		- [course code] [course name]	
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Statistics 1 (IR)</i></li> <li>- <i>UCG2RM03 Statistics 2</i></li> <li>- <i>UCG2RM09 Statistics 3</i></li> <li>- <i>UCG2RM06 Interpretive Methods (IR)</i></li> <li>- <i>UCG2RM07 Visual and Arts-based Methods</i></li> </ul>	10 ECTS

		<p><b>Four</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- UCG2SS18 <i>International Law (L)</i></li> <li>- UCG2SS14 <i>International Relations Theories (and Practice)</i></li> <li>- UCG2SS19 <i>European Law (L)</i></li> <li>- UCG2SS15 <i>International Politics</i></li> </ul> <p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG2RM09 <i>Statistics 3</i></li> <li>- UCG2SS04 <i>Models of Democracy</i></li> <li>- UCG2SS03 <i>Political Economy</i></li> <li>- UCG2SS05 <i>Policy and Principles of Private Law (L)</i></li> <li>- UCG2RM08 <i>Logic</i></li> </ul> <p><b>One</b> level 200 or 300 or R&amp;M elective course<sup>1</sup> from any discipline:</p> <ul style="list-style-type: none"> <li>- [course code] [course name]</li> </ul>	<p>35 ECTS</p>
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YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> <li>- [course code] [course name] [credits]</li> <li>- [course code] [course name] [credits]</li> <li>- [course code] [course name] [credits]</li> <li>- [course code] [course name] [credits]</li> <li>- [course code] [course name] [credits]</li> <li>- [course code] [course name] [credits]</li> </ul>	30 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG3SS05 <i>The Age of Human Rights (L)</i></li> <li>- UCG3SS06 <i>Global Justice</i></li> </ul> <p><b>Two</b> level 300 elective courses from the social sciences:</p> <ul style="list-style-type: none"> <li>- [course code] [course name]</li> <li>- [course code] [course name]</li> </ul> <p><i>Recommended for (L): UCG3SS01Criminal Law</i></p>	15 ECTS
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS



	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
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<sup>1</sup> Students cannot choose both Mathematics and Calculus I

Mind and Behaviour – Class of 2025			
Students with an interest in a psychology master are strongly advised to take elective courses labeled with a (P)			
YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two LAS core electives:</b> - [course code] [course name] - [course code] [course name]	10 ECTS

		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Statistics 1 (P)</i></li> <li>- <i>UCG1RM10 Qualitative Data Collection and Analysis</i></li> <li>- <i>UCG1RM05 Mathematics</i></li> <li>- <i>UCG1RM04 Calculus 1</i></li> </ul>	5 ECTS
		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG1SS05 Biopsychology</i></li> <li>- <i>UCG1SS06 Social and Cultural Psychology</i></li> </ul> <p><b>Two</b> level 100 or R&amp;M courses<sup>1</sup> within social sciences. Recommended courses are:</p> <ul style="list-style-type: none"> <li>- <i>UCG1HU04 Understanding Bias (P)</i></li> <li>- <i>UCG1HU01 Philosophy of Mind</i></li> <li>- <i>UCG1SC03 Programming in Python</i></li> <li>- <i>UCG1SS04 Ethics</i></li> <li>- <i>UCG1SC04 Living Cell 1</i></li> <li>- <i>UCG1SS07 Introduction to Sociology</i></li> <li>- <i>UCG1HU02 Health and Wellbeing: Historical Perspectives</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	20 ECTS

		- [course code] [course name]	
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> of the following Research &amp; Methodology elective courses<sup>1</sup>: (Statistics 1 is mandatory if it has not been taken in year 1)</p> <ul style="list-style-type: none"> <li>- UCG1RM11 <i>Statistics 1 (P)</i></li> <li>- UCG2RM03 <i>Statistics 2 (P)</i></li> <li>- PSBE2-06 <i>Test Theory* (P)</i></li> <li>- UCG2RM05 <i>Qualitative Data Collection and Analysis</i></li> </ul>	10 ECTS

		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SS07 Cognitive Psychology</i></li> <li>- <i>UCG2SS13 Clinical Psychology</i></li> </ul> <p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2RM09 Statistics 3 (P)</i></li> <li>- <i>UGC2SS09 Decision Making</i></li> <li>- <i>PSBE1-05 Personality and Individual Differences*</i></li> </ul> <p><b>One</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses within the social sciences: (Students interested in any “clinical” masters should consider <i>PSBE2-11 Communication &amp; Diagnostic Skills*</i> as one of their two major courses from outside appendix 4 in the TER)</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> </ul> <p><b>Two</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses from any discipline:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	<p>35 ECTS</p>
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YEA R 3 (60 EC)	Minor (30 EC)	University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&M elective courses <sup>1</sup> . Personal minors need prior approval by the Board of Examiners.)  - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i>	30 ECTS
	Major (25 ECTS)	<b>One</b> mandatory course: - - <i>UCG3SS10 Philosophical Foundations of Psychology</i>  <b>Two</b> level 300 courses within the social sciences. Recommended courses are: - <i>UCG3SC07 Neurobiology</i> - <i>UCG3SS02 Mind and Society</i> - <i>PSB3E-CN01 Clinical Neuropsychology*</i> - <i>UCG3SS03 Evidence-based Policy Analysis</i> - <i>UCG3SC06 Science Communication</i> - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	15 ECTS

		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

**Philosophy, Politics and Economics (PPE) – Class 2025**

Students who are interested in a PPE master programme are recommended to take courses labeled with (P)

YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS

		<p><b>Two</b> LAS core electives:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG1RM11 <i>Statistics 1 (P)</i></li> <li>- UCG1RM10 <i>Qualitative Data Collection and Analysis</i></li> <li>- UCG1RM05 <i>Mathematics (P) (recommended if not confident about mathematics skills)</i></li> <li>- UCG1RM04 <i>Calculus 1</i></li> </ul>	5 ECTS
		<p><b>Three</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- UCG1SS03 <i>Political Philosophy</i></li> <li>- UCG1SS01 <i>Micro-Economics</i></li> <li>- UCG1SS02 <i>Macro-Economics</i></li> </ul> <p><b>One</b> level 100 or R&amp;M elective course<sup>1</sup> from the social sciences or humanities:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> </ul>	20 ECTS
YEA R 2 (60 EC)	Academic Core	UCG2AC01 <i>Project Year 2</i>	10 ECTS

	(15 ECTS)	UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG1RM11 <i>Statistics 1 (P)</i></li> <li>- UCG2RM03 <i>Statistics 2(P) (advised if you plan to follow Empirical Political Economy)</i></li> <li>- UCG2RM09 <i>Statistics 3</i></li> <li>- UCG2RM06 <i>Interpretive Methods</i></li> <li>- UCG2RM07 <i>Visual and Arts-based Methods</i></li> </ul>	10 ECTS



		<p><b>One</b> mandatory course:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SS04 Models of Democracy</i></li> </ul> <p><b>One</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SS14 International Relations Theories (and Practice)</i></li> <li>- <i>UCG2SS15 International Politics</i></li> <li>- <i>UCG2SS03 Political Economy (advised if you plan to follow Empirical Political Economy)</i></li> </ul> <p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2HU05 Freedom and Responsibility</i></li> <li>- <i>UCG2HU06 Arts, Technology and Philosophy</i></li> <li>- <i>UCG2RM08 Logic</i></li> </ul> <p><b>One</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SS12 Public Finance</i></li> <li>- <i>EBB814A05 Econometrics for Economics*</i></li> <li>- <i>UCG2SS17 Principles of Entrepreneurship</i></li> <li>- <i>UCG2SS09 Decision Making</i></li> </ul> <p><b>One</b> level 200 or 300 or R&amp;M elective course<sup>1</sup> from the social sciences or humanities:</p>	<p>35 ECTS</p>
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		<p>- [course code] [course name]</p> <p><b>One</b> level 200 or 300 or R&amp;M elective course<sup>1</sup> any discipline:</p> <p>- [course code] [course name]</p>	
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p>	30 ECTS
	Major (25 ECTS)	<p><b>One</b> of the following courses:</p> <p>- UCG3SS04 Empirical Political Economy</p> <p>- UCG3SS06 Global Justice</p> <p><b>Two</b> level 300 elective courses from the Social Sciences:</p> <p>- [course code] [course name]</p> <p>- [course code] [course name]</p>	15 ECTS

		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

### Specializations within the Major Sciences

#### Health and Life Sciences (HLS) – Class of 2025

Within HLS recommendations for three different routes are indicated to help students orient towards relevant Master Programmes: Neurosciences (NS) Life Science and Medicine (LSM) and Public Health (PH).

Students with an interest in the lateral entry into the premasters of medicine at the UMCG are required to take the elective courses labeled with a (Z). In year 1 either Mathematics or Calculus 1 is required, not both.

YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS

		<p><b>Two</b> LAS core electives:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<p><b>One</b> Research &amp; Methodology elective course<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG1RM11 <i>Statistics 1 (NS, LSM, PH) (Z)</i></li> <li>- UCG1RM05 <i>Mathematics (NS, LSM, PH) (Z)</i></li> <li>- UCG1RM04 <i>Calculus 1 (NS, LSM, PH) (Z)</i></li> <li>- UCG1RM10 <i>Qualitative Data Collection and Analysis (PH)</i></li> </ul>	5 ECTS
		<p><b>One</b> compulsory course:</p> <ul style="list-style-type: none"> <li>- UCG1SC04 <i>Living Cell 1 (NS, LSM, PH) (Z)</i></li> </ul> <p><b>Two</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG1SC07 <i>Human Anatomy and Histology (NS, LSM) (Z)</i></li> <li>- UCG1SC06 <i>Biochemistry (NS, LSM) (Z)</i></li> <li>- UCG1SS05 <i>Biopsychology (NS, LSM)</i></li> <li>- UCG1SS09 <i>Policy Making in the EU (PH)</i></li> <li>- UCG1HU02 <i>Health and Wellbeing: Historical Perspectives (LSM, PH)</i></li> </ul>	20 ECTS

		<p><b>One</b> level 100 or Research &amp; Methodology elective courses<sup>1</sup> within the sciences:</p> <p>- [course code] [course name]</p>	
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p><b>Two</b> Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- UCG1RM11 <i>Statistics 1 (NS, LSM, PH)</i></li> <li>- UCG2RM03 <i>Statistics 2 (NS, LSM, PH)</i></li> <li>- UCG2RM09 <i>Statistics 3</i></li> <li>- UCG1RM11 <i>Calculus 2 (NS, LSM, PH)</i></li> <li>- UCG2RM04 <i>Computational Methods</i></li> <li>- UCG2RM06 <i>Interpretive Methods</i></li> <li>- UCG2RM07 <i>Visual and Arts-based Methods</i></li> </ul>	10 ECTS

		<p><b>Six</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- UCG2SC17 <i>Ethical Dilemmas in the Sciences (LSM, PH)</i></li> <li>- UCG2SC16 <i>Medical Microbiology (LSM, PH) (Z)</i></li> <li>- UCG2SC02 <i>Living Cell 2 (NS, LSM, PH) (Z)</i></li> <li>- UCG2SC09 <i>Practical Life Science (NS, LSM)</i></li> <li>- UCG2SC04 <i>Human Immunology (NS, LSM, PH) (Z)</i></li> <li>- UCG2SC01 <i>Human Physiology (NS, LSM) (Z)</i></li> <li>- UCG2SC03 <i>Genetics (NS, LSM, PH) (Z)</i></li> <li>- UCG2SS13 <i>Clinical Psychology (NS, LSM)</i></li> <li>- UCG2SS07 <i>Cognitive Psychology (NS, LSM)</i></li> </ul> <p><b>One</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses from any discipline:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> </ul>	35 ECTS
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YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup> .</p> <p>Personal minors need prior approval by the Board of Examiners. The following University Minors (30 EC) are recommended as deepening Minors within HLS for the indicated profiles: More Healthy Years (PH), Sport Science (LSM), Culture and Cognition (NS), Population, Development and Wellbeing (PH).)</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> <li>- <i>[course code] [course name] [credits]</i></li> </ul>	30 ECTS
	Major (25 ECTS)	<p><b>One</b> mandatory course:</p> <ul style="list-style-type: none"> <li>- <i>UCG3SC01 Oncology (LSM, NS, PH)</i></li> </ul> <p><b>Two</b> 300 level courses within the sciences. Recommended courses are:</p> <ul style="list-style-type: none"> <li>- <i>UCG3SC07 Neurobiology (LSM, NS)</i></li> <li>- <i>UCG3SC03 Medical Technology (LSM, PH)</i></li> <li>- <i>UCG3SC06 Science Communication (LSM, NS, PH)</i></li> <li>- <i>UCG3SC06 Bachelor Thesis Extension (LSM, NS, PH)</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	15 ECTS

		- [course code] [course name]	
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I

Mind, Machines and Morality – Class of 2025			
YEA R 1 (60 ECTS)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS
		<b>Two</b> LAS core electives: - [course code] [course name]	10 ECTS



		- <i>[course code] [course name]</i>	
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<b>One</b> mandatory Research & Methodology elective course <sup>1</sup> :  - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		<b>Three</b> mandatory courses:  - UCG1SC02 <i>Linear Algebra</i>  - UCG1SC03 <i>Programming in Python</i>  - UCG1SS05 <i>Biopsychology</i>  <b>One</b> of the following elective courses:  - UCG1HU04 <i>Understanding Bias</i>  - UCG1HU01 <i>Philosophy of Mind</i>  - UCG1SS04 <i>Ethics</i>  - UCG1SC04 <i>Living Cell 1</i>	20 ECTS
YEA R 2 (60 EC)	Acade mic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS

	Major (45 ECTS)	<p><b>One</b> mandatory Research &amp; Methodology elective course<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG2RM04 Computational Methods</i></li> </ul> <p><b>One</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Calculus 2</i></li> <li>- <i>UCG1RM11 Statistics 1</i></li> </ul>	10 ECTS
		<p><b>Three</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SC13 Artificial Intelligence</i></li> <li>- <i>UCG2SC14 Machine Learning</i></li> <li>- <i>UCG2SS07 Cognitive Psychology</i></li> </ul> <p><b>Three</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SC07 Smart Technology Lab: Fundamentals</i></li> <li>- <i>UCG2SC11 Big Data - Data Science</i></li> <li>- <i>UCG2HU05 Freedom and Responsibility</i></li> <li>- <i>UCG2SC12 Advanced Programming</i></li> <li>- <i>UCG2SS17 Principles of Entrepreneurship</i></li> <li>- <i>UCG2RM08 Logic</i></li> <li>- <i>UCG2HU12 Meaning and Truth in Language and Art</i></li> <li>- <i>UCG2HU06 Arts, Technology and Philosophy</i></li> <li>- <i>UCG2SC17 Ethical Dilemmas in the Sciences</i></li> </ul>	35 ECTS

		<p><b>One</b> level 200 or 300 or Research &amp; Methodology elective<sup>1</sup> courses from any discipline:</p> <p>- <i>[course code] [course name]</i></p>	
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p> <p>- <i>[course code] [course name] [credits]</i></p>	30 ECTS
	Major (25 ECTS)	<p><b>Two</b> of the following courses:</p> <p>- <i>UCG3SC05 Smart Technology Lab: From Arts to Robotics</i></p> <p>- <i>UCG3SC03 Medical Technology</i></p> <p>- <i>UCG3SC04 Robotics</i></p> <p>- <i>UCG3SC07 Neurobiology</i></p> <p>- <i>UCG3SC06 Bachelor Thesis Extension</i></p> <p><b>One</b> level 300 course within the sciences: (In addition to the courses mentioned above, recommended courses</p>	15 ECTS

		are <i>UCGSC304 Science Communication</i> or <i>UCGHU307 Existential Risk</i> ):  - <i>[course code] [course name]</i>	
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
<sup>1</sup> Students cannot choose both Mathematics and Calculus I			

Smart Technologies – Class of 2025			
YEA R 1 (60 ECT S)	Academic Core (35 ECTS)	UCG1RM01 <i>Academic Skills</i>	5 ECTS
		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Exploring Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Exploring Challenges of Modern Society 2</i>	5 ECTS

		<p><b>Two</b> LAS core electives:</p> <ul style="list-style-type: none"> <li>- <i>[course code] [course name]</i></li> <li>- <i>[course code] [course name]</i></li> </ul>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<p><b>One</b> mandatory Research &amp; Methodology elective course<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM04 Calculus 1</i></li> </ul>	5 ECTS
		<p><b>Three</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG1SC01 Principles of Modern Technology<sup>o</sup></i></li> <li>- <i>UCG1SC02 Linear Algebra</i></li> <li>- <i>UCG1SC03 Programming in Python</i></li> </ul> <p><b>One</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG1SS04 Ethics</i></li> <li>- <i>UCG1HU01 Philosophy of Mind</i></li> <li>- <i>UCG1SS01 Micro-Economics</i></li> </ul>	20 ECTS
YEA R 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS

	Major (45 ECTS)	<p><b>One</b> mandatory Research &amp; Methodology elective course<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG2RM04 Computational Methods</i></li> </ul> <p><b>One</b> of the following Research &amp; Methodology elective courses<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>- <i>UCG1RM11 Calculus 2</i></li> <li>- <i>UCG1RM11 Statistics 1</i></li> </ul>	10 ECTS
		<p><b>Two</b> mandatory courses:</p> <ul style="list-style-type: none"> <li>- <i>UCG2SC07 Smart Technology Lab: Fundamentals</i></li> <li>- <i>UCG2SC14 Machine Learning</i></li> </ul> <p><b>Four</b> of the following courses:</p> <ul style="list-style-type: none"> <li>- <i>COURSE CODE</i> Introduction to Quantum Mechanics°</li> <li>- <i>COURSE CODE</i> Electronics and Signal Processing</li> <li>- <i>UCG2SC11 Big Data - Data Science</i></li> <li>- <i>UCG2SC12 Advanced Programming</i></li> <li>- <i>UCG2SC13 Artificial Intelligence</i></li> <li>- <i>UCG2SS17 Principles of Entrepreneurship</i></li> <li>- <i>UCG2RM08 Logic</i></li> <li>- <i>UCG2SC17 Ethical Dilemmas in the Sciences</i></li> </ul> <p><b>One</b> level 200 or 300 or Research &amp; Methodology elective course<sup>1</sup> from any discipline:</p>	35 ECTS

		- [course code] [course name]	
YEA R 3 (60 EC)	Minor (30 EC)	<p>University minor, or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and R&amp;M elective courses<sup>1</sup>. Personal minors need prior approval by the Board of Examiners.)</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p> <p>- [course code] [course name] [credits]</p>	30 ECTS
	Major (25 ECTS)	<p><b>Two</b> of the following courses:</p> <p>- UCG3SC05 Smart Technology Lab: From Arts to Robotics</p> <p>- UCG3SC03 Medical Technology</p> <p>- UCG3SC04 Robotics</p> <p>- UCG3AC03 Bachelor Thesis Extension</p> <p><b>One</b> level 300 course within the sciences: (In addition to the courses mentioned above, recommended courses are UCGSC304 Science Communication or UCGHU307 Existential Risk):</p> <p>- [course code] [course name]</p>	15 ECTS

		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS

<sup>1</sup> Students cannot choose both Mathematics and Calculus I