



university of
 groningen

University College Groningen
Teaching and Examination Regulations (TER)

Bachelor's degree programme in Liberal Arts and Sciences (LAS)
for the Academic Year 2022-2023

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 7th 2022**, and approved by the Faculty Council and the Programme Committee where required on **May 19th 2022 (FC)** and **April 4th 2022 (PC)**.

Contents

SECTION 1 - GENERAL PROVISIONS	5
Article 1.1 - Applicability of the Teaching and Examination Regulations.....	5
Article 1.2 - Definitions	5
SECTION 2 - QUALIFICATIONS AND ADMISSION	7
Article 2.1 - Admission to the degree programme	7
Article 2.2 - Language requirement for foreign certificate.....	7
Article 2.3 - Entrance examination	7
Article 2.4 - Selection of Students	8
Article 2.5 - Admissions Board.....	8
Article 2.6 - Intake date and application dates	8
Article 2.7 - Matching	8
SECTION 3 - CONTENT AND STRUCTURE OF THE DEGREE PROGRAMME	8
Article 3.1 - Aims and learning outcomes of the degree programme	8
Article 3.2 - Conducting research.....	10
Article 3.3 - Type of degree programme.....	11
Article 3.4 - Language.....	11
Article 3.5 - Student workload	11
Article 3.6 - Practicals	11
Article 3.7 - Contact hours.....	11
Article 3.8 - Organisation and examinations of the degree programme	11
Article 3.9 - Participation in course units.....	12
Article 3.10 - Attendance Requirements.....	12
SECTION 4 - THE PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME	12
Article 4.1 - Structure of the propaedeutic phase	12
SECTION 5 - BINDING STUDY ADVICE	13
Article 5.1 - Preliminary study advice	13
Article 5.2 - Definitive study advice (BSA).....	14
Article 5.3 - Exceptions to the definitive study advice	14
Article 5.4 - Extraordinary circumstances.....	15
Article 5.5 - Procedure for issuing a definitive binding (negative) study advice.....	15
Article 5.6 - Consequences of a binding (negative) study advice.....	15
Article 5.7 - Consequences of a positive study advice	16
SECTION 6 - ADMISSION TO THE POST-PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME	16
Article 6.1 - Criteria for admission to the post-propaedeutic phase.....	16

Article 6.2 - Hardship clause for admission to the post-propaedeutic phase.....	16
SECTION 7 - THE POST-PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME	16
Article 7.1 - Structure of the post-propaedeutic phase	16
Article 7.2 - Replacement and electives followed elsewhere.....	17
Article 7.3 - Open Degree Programme (Free Major)	17
SECTION 8 - OTHER PROGRAMMES	18
Article 8.1 - Minor.....	18
Article 8.2- University Minor.....	18
Article 8.3 - Personal Minor	18
Article 8.4 - Authority of the Board of Examiners with regard to Minors	18
Article 8.5 - Bachelor's Honours Programme.....	18
SECTION 9 - ACADEMIC STANDING AND PROBATION	19
Article 9.1 - Good Academic Standing	19
Article 9.2 - Academic Probation.....	19
SECTION 10 - EXAMINATION	19
Article 10.1 - General	19
Article 10.2 - Participation in examinations.....	20
Article 10.3 - Compulsory order.....	20
Article 10.4 - Examination frequency and periods	21
Article 10.5 - Assessment of placement/internship or research assignment	21
Article 10.6 - Thesis	21
Article 10.7 - Type of examinations.....	22
Article 10.8 - Oral examinations.....	22
Article 10.9 - Request for an extracurricular examination.....	22
Article 10.10 - Competent Board of Examiners for the electives of another degree programme.....	23
Article 10.11 - Exemptions.....	23
Article 10.12 - Examinations and functional impairments.....	23
Article 10.13 - Examination provision.....	23
Article 10.14 - Marking of examinations and publication of grades.....	23
Article 10.15 - Validity.....	24
Article 10.16 - Right of inspection.....	24
Article 10.17 - Board of Examiners and examiners.....	24
Article 10.18 - Cheating and plagiarism	24
Article 10.19 - Invalid examination	25
Article 10.20 - Termination of enrolment.....	25

SECTION 11 - FINAL ASSESSMENT	25
Article 11.1 - Final assessment degree programme	25
Article 11.2 - Course units completed elsewhere.....	26
Article 11.3 - Degree certificate.....	26
Article 11.4 - Degree.....	26
Article 11.5 - Cum laude/summa cum laude honours predicate	26
Article 11.6 - Assessment Plan	27
SECTION 12 - STUDY PROGRESS SUPERVISION	27
Article 12.1 - Study progress administration	27
Article 12.2 - Study progress supervision	27
SECTION 13 - TRANSITIONAL AND FINAL PROVISIONS	27
Article 13.1 - Transitional regulations.....	27
Article 13.2 - Amendments	27
Article 13.3 - Publication	28
Article 13.3 - Evaluation.....	28
Article 13.4 - Date of commencement	28
Appendix 1: Structure of the Degree Programme	29
Appendix 2: Major specialisations	31
Appendix 3: Practicals	48
Appendix 4: Overview with courses	49
Appendix 5: Double Degree programme	53

SECTION 1 - GENERAL PROVISIONS

Article 1.1 - Applicability of the Teaching and Examination Regulations

- 1) These Regulations for the academic year 2021-2022 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, 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.
- 3) These Teaching and Examination Regulations also apply to students of other degree programmes, faculties or institutes of higher education, insofar as they follow course units in the degree programme (including Minors) offered by the Faculty to which these Regulations apply.
- 4) Course units that students of the degree programme as referred to in Article 1.1.1 follow in other degree programmes or at other faculties or institutes of higher education are subject to the Teaching and Examination Regulations of that programme, faculty or institute.

Article 1.2 - Definitions

The following definitions apply to these Regulations:

- a. academic integrity: information about scientific integrity and the associated procedures can be found on the University of Groningen website: <https://www.rug.nl/about-ug/organization/rules-and-regulations/general/gedragcodes-nederlandse-universiteiten/wetenschappelijke-integriteit>;
- b. academic year: a period of time that starts on 1 September and ends on 31 August of the following year;
- c. Admissions Board: the board that gives final decisions on admission to the degree programme, on behalf of the Faculty Board;
- d. binding (negative) study advice: negative study advice that is binding for the student, involving rejection from the degree programme-in accordance with Article 7.8b.3 of the Act;
- e. Board of Examiners: an independent body charged with the duties and powers as stated in Articles 7.11, 7.12, 7.12b and 7.12c of the Act, including assessing whether the requirements of the final examination have been met;
- 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 that is given once, which can involve rejection, in accordance with Article 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: a credit within the meaning of Article 7.4 of the Act. The student workload of each course unit of a degree programme is expressed in ECTS credit points, whereby 1 ECTS credit point is equivalent to a student workload of 28 hours;
- k. examiner: a person appointed by the Board of Examiners to set examinations and determine their results;
- l. extraordinary circumstances: circumstances as referred to in Article 7.51 of the Act, which must be taken into account when reaching a decision as referred to in Articles 5.4, 10.8 and 10.13. Within the University of Groningen, the implementation of Article 7.51 of the Act is stipulated in the University of Groningen's 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 which 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) , 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. 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);
- o. matching: the procedure regarding activities and issuing programme recommendations, in accordance with Article 7.31a ff. of the Act, further elaborated in Chapter 3 of the University of Groningen Regulations for Registration and Tuition Fees;
- p. Minor component: the space available for students to specialize within the degree programme;
- q. Minor package: a coherent set of course units that can be followed within the Minor component;
- r. OCCASYS: the University of Groningen's online Course Catalogue;
- s. personal Minor: the Minor personally compiled by the student, to deepen or broaden their degree programme, to be followed at their own Faculty or at another faculty;
- t. post-propaedeutic phase: that part of the Bachelor's degree programme following the propaedeutic phase;
- u. practical: a practical exercise, as referred to in Article 7.13 of the Act, in one of the following forms:
 - a thesis
 - a written assignment, paper or draft
 - a research project
 - participation in fieldwork or an excursion
 - completion of a placement
 - participation in another educational activity designed to teach certain skills;
- v. preliminary study advice: a preliminary study advice based on a study progress overview, issued to students halfway through the academic year in the propaedeutic phase;
- w. Programme Committee: the consultative participation body and advisory body that performs the tasks as described in Article 9.18 of the Act;
- x. propaedeutic phase: the propaedeutic phase of the formal Bachelor's degree programme as defined in Article 7.8 of the Act;
- 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. student: a person registered at the University for the purpose of following course units and/or taking examinations leading to the conferral of a university degree;
- aa. study progress overview: a written overview of results with the associated ECTS credit points, which is sent to students by email;
- bb. test or examination: a test of the knowledge, understanding and skills of students, including an assessment of the results;
- cc. the Act: the Higher Education and Research Act (WHW: *Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek*);
- dd. university Minor: a broadening Minor that students can follow either at their own Faculty or at another Faculty;
- ee. VWO diploma: the diploma awarded upon completion of Dutch pre-university education, in accordance with Article 13.1 of the Secondary Education Act, or Article 7 of the Secondary Education Act BES.

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 pre-university education 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 Appendix 1 will also be granted admission to the degree programme.
3. Students who are deemed admissible to the programme still submit to a selection procedure (see Article 2.4 below).

Article 2.2 - Language requirement for foreign certificate

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. The English language proficiency requirement will be met by passing an examination in English at the level of the pre-university education final examination, or by passing the TOEFL with a score of at least 90 (TOEFL IBT internet-based) or an IELTS (Academic) 6.5 or a Cambridge Proficiency score of 180 (B2 First, C2 Advanced or C2 Proficiency).

Article 2.3 - Entrance examination

1. A person who does not meet the qualification requirement as referred to 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. This requirement can be waived if the person concerned holds a diploma that was issued outside the Netherlands, which grants them access to a university degree programme in their own country. The age requirement can also be waived if the person concerned has refugee status and is unable to present their diploma for that reason.
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. A successfully completed entrance examination will grant admission to the to the selection procedure of the University of Groningen degree programme for which it was taken, for the duration of two academic years after the date on which the examination was taken.

Article 2.4 - Selection of Students

Students are selected on basis of a curriculum vitae, personal statement/video and the grades obtained in the prior education. An interview may be conducted in some circumstances. The selection procedure is described on the website: <https://www.rug.nl/ucg/application/> and published and updated annually on the 1st of October.

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:
 - one member who functions as the chair, selected from the lecturers who teach on the degree programme;
 - two members selected from the academic staff who teach on the degree programme.
- 3) The Admissions Officer is an advisory member. They will also be secretary to the Admissions Board.
- 4) Nominations are made by the Faculty Board, which also determines the admission 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. 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

Matching activities are intended for students who register for the first year of a Bachelor's degree programme that is not subject to a selection procedure (centralised or decentralised). In such cases, the stipulations in Chapter 3 of the University of Groningen Regulations for Registration and Tuition Fees (RIC) and the Faculty matching procedures apply.

SECTION 3 - CONTENT AND STRUCTURE OF THE DEGREE PROGRAMME

Article 3.1 - Aims and learning outcomes of the degree programme

- 1) The degree programme is designed 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) promote 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 relevant academic instruments

- iii) academic communication in English
 - iv) the use of specific knowledge of a field in a wider academic, philosophical and social/cultural context
 - v) norms for responsible and ethically sound behaviour that apply during the degree programme and in the academic world
- c) promote personal development and empowerment. This is defined as the development of personal and social responsibility, through active involvement with diverse communities and real-world challenges, including:
- i) inclination to inquire and lifelong learning
 - ii) local and global civic knowledge and engagement
 - iii) intercultural knowledge and competence
 - iv) capacity for ethical reasoning and action, treating others with fairness and compassion
 - v) leadership
 - vi) personal psychological and physical well-being
- d) preparation 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 Content Expert and has a broad knowledge and understanding of several academic disciplines. They have more in-depth knowledge and understanding of one of the Majors: Humanities, Social Science or Science.</p>	<p>1.1 - ... has a broad understanding of fundamental paradigms, concepts and models in more than one discipline 1.2 - ... has in- depth understanding of paradigms, concepts and models in at least one of the Majors 1.3.- ... has a broad understanding of the contribution of arts to the sciences 1.4 - ... is able to understand the origin and context of complex real-world situations 1.5 - ... is able to apply an interdisciplinary academic approach using these paradigms, concepts and models to solving complex real-world problems</p>
<p>2. ... is competent and confident in the role as a Researcher and has broad knowledge and understanding of the theoretical and methodological principles of interdisciplinary research. They have a more in-depth understanding of the research methods and techniques in at least of one of the Majors.</p>	<p>2.1 - ... has broad understanding of academic research design 2.2 - ... has a more in-depth understanding of the research methods and techniques used in at least one of the Majors. 2.3 - ... is able to select and apply the most appropriate methods and techniques in their research. 2.4 - ... is able to critically evaluate scientific knowledge and limitations of fundamental theories and research methods within the chosen Major 2.5 - ... has a broad understanding of artistic approaches in searching for creative and innovative solutions to complex societal problems. 2.6 - ... understands the complexities of integrating scientific and artistic approaches.</p>
<p>3. ... is competent and confident in the role as an Innovator, shows the ability to convert innovative and creative ideas into reality and is prepared to assume leadership when solving complex social problems. They demonstrate awareness of personal performance and is</p>	<p>3.1 - ... is able to apply existing knowledge with imagination and creativity 3.2 - ... has acquired the foundations and skills for lifelong learning 3.3 - ... reflects on personal performance (strengths and weaknesses) 3.4 - ... demonstrates ability to design their own learning path and learn in an active, deep and self-directed manner</p>

capable of independent learning.	
4. ... is competent and confident in the role as a Communicator and communicates ideas and research results clearly to a diverse audience.	4.1 - ... is an effective communicator in different media 4.2 - ... is able to translate abstract concepts into meaningful and clear language 4.3 - ... is able to report and discuss research outcomes with both a specialised and non-specialised audience 4.4 - ... is able to communicate processes, conclusions and recommendations of a project in a compelling way
5. ... is competent and confident in the role as a Collaborator and constructively collaborates with peers and experts.	5.1 - ... effectively collaborates with peers, teaching staff and experts. 5.2 - ... knows the value of and is able to participate in interdisciplinary teams 5.3 - ... is aware of different collaboration and leadership styles and is able to adapt as needed 5.4 - ... understands the need for and encourages diversity
6. ... is competent and confident in the role as an Academic Integrator and is able to view a topic through multiple lenses and move between disciplines and/or combine disciplines in seeking nuanced understandings and effective solutions.	6.1 - ... is able to apply knowledge, skills, and responsibilities to new settings and complex problems. 6.2 - ... is able to integrate different disciplinary perspectives and knowledge 6.3 - ... understands that complex situations (such as the energy transition, global migration, or the future of capitalism) cannot be addressed by a single discipline 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

3) The learning outcomes of the various individual course units (at programme level) can be found in 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. Throughout the entire research process, the student will adhere to the applicable policies and procedures, which are based on the Faculty's data management policy.
3. Prior to the period of research, the student, together with their supervisor, can draw up a data management plan. This is then stored, in accordance with the faculty's data policy. At a minimum, this plan will address:
 - the student's responsibilities concerning the processing of personal data
 - the data storage measures (including security measures) used in the course of the research
 - the archiving and retention period
 - the responsibility for reusing data after the research has been completed.
4. In general, the student holds the copyright on any theses or other independently written assignments that are intended to test their knowledge, understanding, and skills. If anyone else wishes to use the student's thesis or written work, the student must first give permission for them to do so. The University must be free to perform these procedures unconditionally if it is to archive theses and written assignments (whether or not these are under embargo) and to process them in accordance with the rules of the Dutch Inspectorate of Education and the Act. All students are obliged to give their unconditional consent to the aforementioned procedures.

Article 3.3 - Type of degree programme

The degree programme is full time.

Article 3.4 - Language

The degree programme is taught in English.

Article 3.5 - Student workload

- 1) The degree programme has a student workload of 180 ECTS credits.
- 2) The propaedeutic phase of the degree programme has a student workload of 60 ECTS credits.
- 3) The student workload is expressed in whole ECTS credits.

Article 3.6 - Practicals

1. The following course units, as referred to in Article 4.1 and Article 7.1 include, in addition to teaching in the form of lectures, a practical. The stated form and of the stated duration are listed in Appendix 2:

UCG1AC07 How Things Work
UCG1SC07 Human Anatomy and Histology
UCG2SC07 Smart Technology Lab: Fundamentals
UCG3SC05 Smart Technology Lab: From Arts to Robotics
UCG2SC01 Human Physiology
UCG2SC16 Medical Microbiology
UCG2SC09 Practical Life Science
UCG3SC04 Robotics
UCG3SC07 Neurobiology

2. The examination for a course unit listed in this article may not be taken until after the relevant practical has been followed (and passed).

UCG2SC16 Medical Microbiology
UCG2SC09 Practical Life Science

Article 3.7 - Contact hours

- 1) The propaedeutic phase of the degree programme comprises a minimum of 480 contact hours per academic year, of which all hours satisfy the requirement of small scale and intensive teaching.
- 2) The post-propaedeutic phase of the degree programme comprises a minimum of 480 contact hours per academic year, of which 320 hours satisfy the requirement of small scale and intensive teaching.
- 3) Details of the contact hours are registered in the Student Handbook and/or OCASYS.

Article 3.8 - Organisation and examinations of the degree programme

- 1) The degree programme is concluded by a final Bachelor's assessment.
- 2) The degree programme is divided into a propaedeutic phase and a post-propaedeutic phase.
- 3) The entire programme comprises an Academic Core (55 ECTS), a Major (95 ECTS) and a Minor (30 ECTS).
- 4) All students must choose one of the following Majors.
 - Major in Sciences;
 - Major in Social Sciences;
 - Major in Humanities;

- Free Major.
- 5) The degree programme offers specialisations that can help students develop a specific scholarly profile. Choosing a specialisation is not compulsory. Specialisations may be subject to change due to course availability. The specialisations are outlined in Appendix 2. Specialisations impose additional constraints on the choice of courses for the major programme.

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) Students who already successfully passed a course unit may not register for the same course unit again.
- 3) The maximum number of students for a UCG course unit (i.e. one with UCG embedded into the course code) is 25 unless otherwise stated in the digital University course catalogue OCASYS.
- 4) Admission to course units with limited capacity is granted according to the order of registration. Students who are registered for the degree programme will be given priority for course units which are part of their specialisation. Students not following a specialisation will be given the opportunity to indicate a number of courses for which they will be given priority.

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 jeopardising 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 jeopardising passing the course.
- 5) Determination of extraordinary circumstances (see also Art 1.2.31) is to be made by the study 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 3.9 are not eligible for a resit or repair assignment.

SECTION 4 - THE PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME

Article 4.1 - Structure of the propaedeutic phase

- 1) The propaedeutic phase comprises the following course units with their related ECTS:

Category	Title	ECTS
Academic Core	Exploring Challenges of Modern Society 1	5
Academic Core	Exploring Challenges of Modern Society 2	5
Academic Core	LAS Core Electives ¹	10
Academic Core	LAS Project Year 1	5

Academic Core	Academic Skills	5
Academic Core	Introduction to Academic Research	5
Major	Research and Methodology Elective ²	5
Major	Electives level 100 or R&M ³ in the chosen Major	15
Major	Electives level 100 in any discipline (unless a specialisation requires otherwise)	5

¹ To be chosen from the list of LAS Core Electives in Appendix 4.

² To be chosen from the list of Research and Methodology electives in Appendix 4. Students cannot choose both Mathematics and Calculus I.

³ To be chosen from the list of level 100 elective courses and the list of R&M elective courses in Appendix 4. Students cannot choose both Mathematics and Calculus. Students wishing to follow a free major can choose courses within any discipline. Note that specialisations as outlined in Article 3.8.5. impose restrictions on choice options.

- 2) All course units and their teaching methods are listed in the online University course catalogue Ocasys.
- 3) In situations of force majeure, when it is not reasonable to provide teaching and examinations in the manner as stated in Ocasys, alternative modes of instruction and assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.

Article 4.2 - Language Courses

Students may enrol 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).

There is a required financial contribution for these courses.

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 propaedeutic phase of the degree programme, students receive a study progress overview specifying the student workload realised thus far. Additional study progress overviews will be sent to students later in the academic year.
- 2) Students will receive a written preliminary study advice as soon as possible after the first semester, and in any case before March 1st.
- 3) This preliminary study advice will include a warning if the student has made insufficient progress with their studies, such that the student still has the opportunity to improve their performance.
- 4) If the student's study progress is so unsatisfactory that they cannot reasonably be expected to meet the conditions for positive study advice, as referred to in Article 5.2.2 a or b, they will be invited to a meeting with the Personal Support 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 60 ECTS credits in their first year of registration in the propaedeutic phase of the degree programme. This is known as the BSA threshold.
- 2) A 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 obtained 60 ECTS for the propaedeutic programme
 - b) Negative, for students who have earned fewer than 60 ECTS for the propaedeutic programme. This study advice is binding for students (BSA) in accordance with Article 7.8b.3 of the Act.
- 3) 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.
- 4) In the event that the preliminary study results are insufficient to such an extent that the student cannot be reasonably expected to pass the 60 ECTS threshold by the end of their first year of study, a binding (negative) study advice may be issued subsequently to the preliminary study advice in accordance with 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.
- 5) The Faculty Board will take extraordinary personal 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.
- 6) Notwithstanding the stipulations in Articles 5.2.1-5.2.3, 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 propaedeutic phase.
- 7) The BSA threshold can be lowered for students in the case of structural circumstances, such as in the case of functional impairment.

Article 5.3 - Exceptions to the definitive study advice

- 1) Multiple degree programmes at the University of Groningen: If the student has registered for two or more University of Groningen degree programmes for the first year of the propaedeutic phase and if they subsequently meet the binding study advice threshold for one of those programmes, as referred to in Article 5.2.1, then the obligation to meet that threshold for the other programme (or programmes) no longer applies for that year. After the student has successfully completed the propaedeutic phase of one degree programme, they no longer have to meet the binding study advice threshold when registering for other degree programmes.
- 2) Propaedeutic certificate already obtained: If the student has already completed the propaedeutic phase of a university degree programme at the University of Groningen or another Dutch university, or - if this is not the case - if they have achieved the 60 ECTS credit points of the first year at the discretion of the Board of Examiners, then the student is not subject to the binding study advice rule for the University of Groningen degree programme for which they registered in the propaedeutic phase.
- 3) No definitive study advice will be issued to students who submit a request for deregistration from the propaedeutic phase of the degree programme before or as of 1 March of the first year of registration. If this student re-registers in a subsequent academic year, they will once again be subject to the procedure referred to in Article 5.1 in that subsequent academic year. The binding (negative) study advice regulations for the

academic year in which they reregister for the degree programme will then apply. If a student wants to re-register in an Academic Year for the Bachelor Liberal Arts and Sciences of the UCG, after the situation has occurred as described in Article 5.6.1, they once again have to participate in the selection procedure.

Article 5.4 - Extraordinary circumstances

- 1) When deciding whether to issue a 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 binding (negative) study advice threshold or postpone issuing a study advice. The student's study behaviour is also taken into account in this assessment, as are the agreements that they have made with their Personal Support Advisor and/or their study schedule, the timing of notifications concerning extraordinary circumstances, and the study results they achieved at the end of their first academic year.
- 2) Students must report extraordinary circumstances to the Personal Support Advisor as soon as possible in order to ensure optimum support. In the likely event of deferred advice or a modification to the binding study advice threshold, the Faculty BSA Committee will rule on this matter, at the student's request. If the study schedule drawn up with their Personal Support Advisor is not met due to the binding study advice threshold (which may or may not have been modified), the student must notify their Personal Support Advisor about this as soon as possible.
 - a. 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 Article 5.4.1, the assessment may only be postponed at the end of the first academic year of the propaedeutic phase. Any study advice that is deferred can still be given as long as the propaedeutic phase has not yet been completed. The deferred advice is converted into positive advice if the binding study advice threshold (which may or may not have been modified) has been met.
 - a) The advice will be negative (and binding) if the student in question still fails to pass the (possibly modified) binding (negative) study advice threshold in the propaedeutic phase.
- 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 their Personal Support Advisor, comprising at least the following:
 - a) the propaedeutic course units that have not yet been passed, with a related timeline
 - b) the post-propaedeutic course units 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 binding (negative) study advice

- 1) A 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 a binding (negative) study advice is issued, students will receive notice of the intention to issue one, after which they will be given the opportunity to put their case to the Faculty Board.

Article 5.6 - Consequences of a binding (negative) study advice

- 1) Students who have received a binding (negative) study advice may not register for the degree programme for a period of 2 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 post-propaedeutic phase of the relevant degree programme 2) Notwithstanding Article 5.7.1, the requirement that a previous course unit must have been successfully completed may apply to some individual course units. This compulsory order of course units is set out in Ocasys and in Article 10.3 of these Teaching and Examination Regulations.

3) Admission does not apply to the degree programme's Minor. The requirement here is that the full propaedeutic phase be completed.

SECTION 6 - ADMISSION TO THE POST-PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME

Article 6.1 - Criteria for admission to the post-propaedeutic phase

The following persons may be admitted to the post-propaedeutic phase, subject to the approval of the Admissions Board:

- 1) Holders of a propaedeutic certificate, 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.
- 2) The Admissions Board may grant the holder of a certificate, whether or not issued in the Netherlands, exemption from the requirement referred to in Article 6.1.1 if, in the opinion of the Admissions Board, that diploma is at least equivalent to the certificate referred to in Article 6.1.1.

Article 6.2 - Hardship clause for admission to the post-propaedeutic phase

In situations where a change to educational content/educational force majeure demonstrably leads to an unfairness of overriding nature, the Board of Examiners may deviate from the provisions of Articles 6.1 and 5.7. Such cases must involve a unique individual circumstance that is so distinctive that admission cannot reasonably be denied.

SECTION 7 - THE POST-PROPAEDEUTIC PHASE OF THE DEGREE PROGRAMME

Article 7.1 - Structure of the post-propaedeutic phase

1) The post-propaedeutic phase comprises the following course units and student workload.

Category	Title	ECTS
Academic Core	LAS Project Year 2	10
Academic Core	Philosophy of Science	5
Academic Core	LAS Project Year 3	5
Major	Research and Methodology Electives ¹	10
Major	Elective level 200 or 300 or R&M ²	25
Major	Elective level 200 or 300 from any discipline	10

	(unless a specialisation requires otherwise)	
Major	Elective level 300 ³	15
Major	Bachelor Thesis (Capstone) ⁴	10
Minor	Minor	30

¹ To be chosen from the list of Research and Methodology electives in Appendix 4. Students cannot choose both Mathematics and Calculus I.

² To be chosen from the list of level 200 elective courses, the list of level 300 elective courses and the list of R&M elective courses in appendix 4. Students cannot choose both Mathematics and Calculus I.

Students wishing to follow a free major can choose courses within any discipline. Note that specialisations as outlined in Article 3.8.5. impose restrictions on choice options.

³ To be chosen from the list of level 300 elective courses in appendix 4.

Students wishing to follow a major in humanities, social sciences or sciences need to choose all 15 ECTS within that discipline. Students wishing to follow a free major can choose courses within any discipline.

⁴ The Bachelor Thesis must be carried out within the Major

- 2) With regard to the Minor component, students can choose from the following options:
 - a) A broadening or deepening Minor
 - b) An internship
 - c) A period spent studying at a different university
- 3) All course units are listed in the digital University course catalogue Ocasys.
- 4) 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 form 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.

Article 7.2 - Replacement and electives followed elsewhere

- 1) Following a student's substantiated request, the Board of Examiners may grant permission to 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 or 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 (Free Major)

Students may choose to follow a degree programme's Open Degree Programme (Free Major), which deviates from the regular specialisation(s) of the degree programme. An Open Degree Programme (Free Major) must always be approved in advance (in any case by the end of the second year of study) by the Board of Examiners of the degree programme in which the student is registered.

SECTION 8 - OTHER PROGRAMMES

Article 8.1 - Minor

1. The Minor component can involve any of the options listed in Article 7.1.2.
2. Students can choose between:
 - a) a University Minor
 - b) a 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 - Personal Minor

- 1) Personal Minor is a coherent set of broadening or deepening course units that students can compile themselves and follow either at their own or a different Faculty in the Netherlands or abroad.
- 2) Personal Minors must be presented to the Board of Examiners of the student's own degree programme for approval in advance (in any case by the end of the second year of study).

Article 8.4 - Authority of the Board of Examiners with regard to Minors

- 1) Students must present their choice of Minor to the Board of Examiners of their degree programme for approval, except if they choose a University Minor in accordance with Article 8.2.
- 2) Minors that students of the degree programme follow at other degree programmes, faculties, or educational institutions are subject to the authority of the Board of Examiners of the degree programme that administers the relevant examination.
- 3) Minors of students of other degree programmes, faculties, or educational institutions are subject to the authority of the degree programme's Board of Examiners.
- 4) A responsible Board of Examiners will be assigned in the event of inter-faculty University Minors.

Article 8.5 - Bachelor's Honours Programme

- 1) The Faculty participates in the Bachelor's Honours Programme organised 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 45 ECTS credits, distributed over the three years of the Bachelor's programme. The Bachelor's Honours Programme, including the deepening Faculty part, is subject to the Teaching and Examination Regulations of the University of Groningen Honours College.
- 4) 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.
- 5) The Diploma Supplement that accompanies the Bachelor's degree certificate will also list the results gained in the Bachelor's Honours programme.

SECTION 9 - ACADEMIC STANDING AND PROBATION

Article 9.1 - Good Academic Standing

- 1) The degree programme requires students to remain in good academic standing. To do so, students need to fulfil the requirements referred to Articles 9.1.2.
- 2) Students start the degree programme in good academic standing. To remain in good academic standing, students must fulfil the following requirement: to earn the expected credits of the regular study load (30 ECTS of programme-related course units per semester that the student has been registered for the degree programme).
- 3) Students on good academic standing may be given the opportunity:
 - to work for UCG;
 - to exchange;

Article 9.2 - Academic Probation

- 1) After each semester, a student is informed about the academic progress. A student who obtains fewer than 30 ECTS of courses that are part of the individual study programme (as referred to in Articles 4.1. (propaedeutic phase) and 7.1 (post-propaedeutic phase)) of the student is offered extra support by being placed on academic probation.
- 2) If a student does not finish their studies within 3 years, the student automatically enters academic probation and remains on academic probation until they have completed the degree programme.
- 3) Incoming Double Degree students are automatically placed on probation if they have not completed 120ECTS at UCG after 2 years and remain on academic probation until they completed the degree programme.
- 4) The student will be informed of their probationary status and the probation procedure every academic year.
- 5) If a student is placed on academic probation, they are expected to meet with the Personal Support Advisor to discuss their academic progress, evaluate if any extraordinary circumstances (as referred to in Article 5.4) are applicable and to discuss possibilities for improvement.
- 6) The student will make commitments to meeting specific conditions and goals that will support their academic progress, including a study plan, which will be formalised in an academic probation contract. The academic probation contract will be agreed upon and signed by the student, the Personal Support Advisor and the Dean.
- 7) For the duration of their academic probation, the student:
 - will have to fulfil all the conditions as agreed in the probation contract;
 - will meet regularly with the Personal Support Advisor;
 - will possibly not have the option to participate in the additional opportunities offered to students who are on good academic standing (as referred to in Article 9.1.3) as a consequence of academic probation.
- 8) After a period of academic probation, a student's status officially returns to good academic standing automatically if at the end of that semester they are no longer behind the regular study load (as defined in Article 9.1.2).
- 9) Whenever a student is no longer behind the regular study load (as defined in Article 9.1.2), the student can request to return to good academic standing from the Dean, according to the probation procedure. The student should meet with the Personal Support Advisor to evaluate whether the goals in the academic probation contract were met.

SECTION 10 - EXAMINATION

Article 10.1 - General

- 1) Each of the degree programme's course units is assessed by means of an examination.

- 2) An examination can comprise a number of partial exams. The results of these partial exams together determine the examination result.
- 3) Each UCG course has at least three assessment components which comprise the examination of the course unit. The maximum contribution of an assessment component to the final grade of a course unit is 40 % (Bachelor Thesis, Internship and Year-3-Project excluded). The weighted total of these partial exams together determines the examination result.
- 4) The examination assesses the students' academic development and mastery of the learning outcomes of the course unit.
- 5) The results of an examination are given as pass or fail, or in numbers on a scale of 1 to 10, expressed as 6/5.5 or more for a pass and 5/5.4 or lower for a fail.

Article 10.2 - Participation in examinations

- 1) In accordance with Article 3.8 of the OER, registration for a course unit of the degree programme also involves registration for the examination for that course unit.
- 2) Notwithstanding the provisions of Article 10.2.1, students can register and deregister for examinations during certain periods to be further defined.

Article 10.3 - 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:

Course unit	After passing course unit
Visual and Arts-based Methods	Qualitative Data Collection and Analysis
Project Year 2	<ul style="list-style-type: none"> ● Academic Skills ● Introduction to Academic Research ● Exploring Challenges of Modern Society 1 ● Exploring Challenges of Modern Society 2 ● Project Year 1
Calculus 2	Calculus 1
Statistics 2	Statistics 1
Statistics 3	Statistics 2 (and Statistics 1)
Test Theory	Statistics 1
Public Finance	Micro-Economics
Living Cell 2	Living Cell 1
Practical Life Science	Living Cell 1
Computational Methods	Programming in Python
Advanced Programming	Programming in Python
Smart Mechanics	Calculus 1
Artificial Intelligence	Programming in Python
Smart Technology Lab: From Art to Robotics	Programming in Python
Robotics	Programming in Python
Neurobiology	Biopsychology OR Living Cell 1
Project Year 3	<ul style="list-style-type: none"> ● Academic Skills ● Introduction to Academic Research ● Exploring Challenges of Modern Society 1 ● Exploring Challenges of Modern Society 2 ● Project Year 1 ● Project Year 2
Bachelor Thesis	<ul style="list-style-type: none"> ● Academic Skills

	<ul style="list-style-type: none"> ● Introduction to Academic Research ● 3 Research and Methodology electives ● Research and Methodology: Philosophy of Science ● at least 60 ECTS credits of the post-propaedeutic phase (Research and Methodology included)
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Article 10.4 - Examination frequency and periods

- 1) There will be an opportunity to sit the examinations 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. Unless specified otherwise in the course syllabus, students will be given this opportunity via a resit as specified in Article 10.4.3. If specified in the course syllabus, students may be given the opportunity to do repair assignments as specified in Article 10.4.4 instead. Students will not be given the opportunity for both repair assignments as well as resits. 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 3.9 are not eligible for a resit or repair assignment.
- 2) The periods in which examinations can be sat are listed in the course syllabus. Partial examinations can also be taken outside the period indicated.
- 3) A resit will comprise an assessment of all learning outcomes of the course unit and will be offered at the therefore designated period after the end of block 4. 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 show up for the resit, the final grade of the course will be a 1.
- 4) Students who have received a grade below 5.5 for one or more assessments within a course unit offering repair assignments as mentioned in article 10.4.1 may request to do repair assignments for these assessments. A repair assignment will comprise an assessment of the learning outcomes of the original assessment. Students need to request to do a repair assignment within 10 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 11.5.4.
- 5) If a student has fulfilled the best-efforts obligation with respect to a course unit but has still not passed, then the examiner can give them the opportunity to take a supplementary or replacement test.

Article 10.5 - 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 10.6 - Thesis

- 1) In general, each thesis is associated with a single University of Groningen degree programme. Full or partial exemptions 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) The thesis is stored by the Faculty Board for a period of seven years.
- 4) Students will be given the opportunity to write a Bachelor Thesis once per academic year.
- 5) The period(s) during which students can write theses will be published in the Course Syllabus and OCASYS.
- 6) Further rules about the form, content, time schedule, and assessment of the thesis are included in the Regulations governing Bachelor's thesis. Those regulations form part of these Teaching and Examination Regulations.

- 7) If by the end of the period referred to in Article 10.6.5 the assessor (or assessors) 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 of 6 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 obtained at least 60 ECTS credits of the post-propaedeutic phase (Research and Methodology included)
 - b) they must have passed the following courses:
 - Academic Skills;
 - Introduction to Academic Research;
 - 3 Research and Methodology electives;
 - Research and Methodology: Philosophy of Science.

Article 10.7 - Type of examinations

- 1) The examinations are conducted in the manner stated in Ocasys.
- 2) In situations of force majeure, when it is not reasonable to provide teaching and examinations in the manner as stated in Ocasys, alternative modes of instruction and assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.
- 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) For each official examination, a mock examination is made available

Article 10.8 - Oral examinations

1. Unless the Board of Examiners decides otherwise, an oral examination may only be taken by one student at a time.
2. Oral examinations are public, unless the Board of Examiners or the relevant examiner stipulates otherwise, or the student objects to the public nature of the examination due to extraordinary circumstances. A second examiner may attend the oral examination at the request of the student or the examiner.

Article 10.9 - Request for an extracurricular examination

1. Students can ask the Board of Examiners to grant them an extracurricular examination.
2. Such a request may be granted *if the student in question failed the relevant examination due to extraordinary circumstances and if not granting the request for an extracurricular examination would result in unacceptable study delay.*
3. The following criteria apply to granting a request for an extracurricular examination for the last course unit of the degree programme:
 - this must be the final study result to be obtained;
 - the study delay incurred by not granting an extracurricular examination must amount to at least one semester;
 - the examinee must have participated in the last two standard examinations in the course unit for which the examinee is requesting an extracurricular examination, and have obtained a grade of at least 4 and 5 on those occasions.

Article 10.10 - Competent Board of Examiners for the electives of another degree programme

- 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.
- 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 10.2.2 applies.

Article 10.11 - 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 stipulations of Article 11.2 apply to exemptions.
- 3) The validity period of exemptions granted for course units or parts thereof is identical to that of examination results.

Article 10.12 - Examinations and functional impairments

- 1) Students with a functional impairment will be given the opportunity to take examinations in a form that will compensate as far as possible for their individual impairment. If necessary, the Board of Examiners will seek expert advice from a student counsellor of 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 10.13 - Examination provision

1. If not providing an individual examination were to lead to a 'special case of an unfairness of overriding nature', the Board of Examiners may decide to grant such a provision, contrary to the provisions of Article 10.4.
2. Requests for an individual examination provision must be submitted to the Board of Examiners as soon as possible, including documentary proof.

Article 10.14 - 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 the relevant signed exam sheet.
- 2) The examiner will mark a written examination within ten working days of the day on which it was taken, and will provide the Student Affairs office with the necessary details for registration of the result in Progress.
- 3) If an examination 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) If the student wishes to lodge an appeal against the result of the examination, the student must submit this to the Central Portal for the Legal Protection of Student Rights (CLRS) within six weeks of the publication of that grade.

Article 10.15 - Validity

- 1) Any completed course units remain valid indefinitely.
- 2) Contrary to the provisions of Article 10.15.1, the Board of Examiners may decide to require a student to take a supplementary or substitute examination for a course unit taken more than five years previously before allowing that student to progress to the final assessment if the student's knowledge, understanding or skills are demonstrably outdated.
- 3) In the event of extraordinary personal circumstances, the validity term will be extended for the period during which the student in question is receiving support from the Graduation Fund.
- 4) Partial examinations and assignments 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 10.16 - Right of inspection

- 1) On request, students have the right to inspect their marked work during a period of six weeks after the results of a written examination have been made known. If the student makes use of this opportunity, they will be provided (upon request) with a copy of the work at cost price.
- 2) Within the time frame stipulated in Article 10.16.1, any participant in the examination may request to be allowed to peruse the examination paper and 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 10.16.1

Article 10.17 - 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 on the basis of their expertise in the field of the degree programme in question.
- 3) The Board of Examiners must comprise at least:
 - one member who is a lecturer affiliated with the degree programme;
 - 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 will appoint examiners to set examinations and determine the results.
- 6) The Board of Examiners must set out in the TER, or the Rules and Regulations (R&R) of the Board of Examiners, rules for assessing and determining the results of examinations and final assessments.

Article 10.18 - Cheating and plagiarism

- 1) Cheating is an act or omission by a student that partly or wholly hinders the forming of a correct assessment of their - or another's - knowledge, understanding, and skills.
- 2) Cheating also includes plagiarism, which means copying someone else's or your own work without correctly acknowledging the source.
- 3) The assessment of theses and written assignments requires a plagiarism check to be performed, by means of a plagiarism scanner accessed by the University. Students are individually 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) The Board of Examiners sets out its course of action in the event of cheating in its Rules and Regulations.

Article 10.19 - 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 10.20 - Termination of enrolment

- 1) In extraordinary cases of reprehensible behaviour or statements made by a student, the Board of the University may, on the recommendation of the Board of Examiners or the Faculty Board, terminate that student's registration.
- 2) The Board of the University will not make a decision as referred to in article 10.20 until after 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 proven reasonable to assume that the student's behaviour 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 this connection, the Faculty Board, the Board of Examiners and the Board of the University observe the Judicium Abeundi (termination of registration) Protocol, as adopted by the Dutch Federation of University Medical Centres on 1 November 2010.
- 3) The stipulations in the University of Groningen Regulations for Registration and Tuition Fees apply.

SECTION 11 - FINAL ASSESSMENT

Article 11.1 - Final assessment degree programme

- 1) The degree programme is concluded with a final assessment.
- 2) On the condition that the student's examination subjects have 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, on the condition that the student's personal study programme has been approved. The Board of Examiners may define terms to this end. The result of the final assessment indicates that the student has achieved the necessary academic development. The Board of Examiners will issue a degree certificate to this effect.
- 3) If the student exceeds the time limits set for approval as referred to in Article 11.1.2, this may cause the Board of Examiners to schedule the examination for a later date. That could be in the academic year following the academic year in which the last examination was passed.
- 4) Before the final assessment can be determined, the Board of Examiners may itself decide to test the student's knowledge, insight, and skills of one or more course units or aspects 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) If a student wishes to postpone their date of graduation in connection with additional examinations that they still need to sit, the student must submit this request to the Board of Examiners within two weeks of the moment at which the examination date was set.
- 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 11.1.2, and not the date on which the degree certificate is presented to the student.

Article 11.2 - 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 their period of registration as a student at the University of Groningen.
- 2) a. For Double Degree Bachelor's degree programme offered together with an institution abroad, at least one quarter of the degree programme must have been followed at the Faculty during the student's period of registration as a regular at the University of Groningen.
b. The stipulations in Article 10.6 with regard to the thesis must be observed.

Article 11.3 - Degree certificate

- 1) Students will receive a certificate issued by the Board of Examiners as proof that they have passed the final assessment. Even if a student successfully completes more than one Major within a degree programme, they will receive only one degree certificate. Article 10.10 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 will also be listed in the Diploma Supplement accompanying the Bachelor's degree certificate.

Article 11.4 - 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) Details of the degree conferred are indicated on the degree certificate.
- 3) The supplement of the diploma will specify the Major and the Major specialisation if the Major specialisation requirements are met as referred to in Appendix 2.

Article 11.5 - Cum laude/summa cum laude honours predicate

- 1) The Board of Examiners assesses whether or not the Bachelor's degree certificate should be awarded 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 predicate is awarded if the value of the exemptions in ECTS credit points is more than half of 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) An honours predicate will only be awarded if no course unit has been awarded a mark of less than 7.0. 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 or plagiarism has been detected.
- 6) In certain circumstances, the Board of Examiners may depart from the provisions set out in Articles 11.5.2-5.

Article 11.6 - Assessment Plan

An Assessment Plan has been approved by the Faculty Board. This assessment plan is an appendix to the Teaching and Examination Regulations and covers the following subjects:

- the learning outcomes of the degree programme;
- the course units of the degree programme and the learning outcomes of each course unit;
- the relationship between course units and learning outcomes;
- the mode of assessment used and the assessments per course unit;
- the test design procedures, assessment procedures and assessment criteria used;
- those responsible for implementing the various components of the assessment policy;
- the periodic evaluation method.

SECTION 12 - STUDY PROGRESS SUPERVISION

Article 12.1 - 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 and on request.

Article 12.2 - Study progress supervision

The Faculty Board will organise 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.

SECTION 13 - TRANSITIONAL AND FINAL PROVISIONS

Article 13.1 - Transitional regulations

Article 13.2 - 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 13.3 - Publication

- 1) The Faculty Board will duly publish these Regulations as well as any amendments to them.
- 2) Copies of these Teaching and Examination Regulations are available from the Faculty Office. These documents can also be found on the Faculty website via *My University*.

Article 13.3 - Evaluation

- 1) The Faculty Board will ensure that the TER 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 and curriculum evaluations.

Article 13.4 - Date of commencement

These Regulations will take effect on XXXX.

Appendix 1: Structure of the Degree Programme

CLASS of 2022-2025

Structure of the Degree Programme - Class of 2022-2025			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
Major (25 ECTS)	One Research & Methodology elective course ¹ : - [course code] [course name]	5 ECTS	
	Four level 100 or Research & Methodology elective courses ¹ : (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.) - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name]	20 ECTS	
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)	Two Research & Methodology elective courses ¹ : - [course code] [course name] - [course code] [course name]	10 ECTS
		Seven level 200 or 300 or Research & Methodology elective ¹ 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.) - [course code] [course name] - [course code] [course name]	35 ECTS

YEAR 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 ¹ . Personal minors need prior approval by the Board of Examiners.) - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	Three 300 level electives courses: (Students wishing to follow a major in humanities, social sciences or sciences need to choose these 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]	15 ECTS
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
¹ Students cannot choose both Mathematics and Calculus I			

Appendix 2: Major specialisations

Students may choose a specialisation. These specialisations are (interdisciplinary) programmes that can help students develop a specific scholarly profile. Choosing a specialisation is not compulsory. Specialisations impose additional constraints on the choice of courses for the major programme. Specialisations may be subject to change due to course availability.

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 2025

Specialisations within a Major in the Humanities

Truth, Meaning and Rationality - Class of 2025			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	One Research & Methodology elective course ¹ : - [course code] [course name]	5 ECTS
Two mandatory courses: - UCG1SS04 Ethics - UCG1HU01 Philosophy of Mind		20 ECTS	
One of the following courses: - UCG1HU06 Artivism - UCG1SS03 Political Philosophy - UCG1HU04 Understanding Bias			
One level 100 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]			
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)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM06 Interpretive Methods - UCG2RM08 Logic	10 ECTS

YEAR 3 (60 EC)		<p>Two mandatory courses:</p> <ul style="list-style-type: none"> - UCG2HU12 Meaning and Truth in Language and Art - UCG2SS09 Decision Making <p>Three of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC17 Ethical Dilemmas in the Sciences - UCG2HU04 Cultural Criticism - UCG2HU05 Freedom and Responsibility - UCG2HU06 Arts, Technology and Philosophy - UCG2SS04 Models of Democracy <p>Two level 200 or 300 or Research & Methodology elective¹ courses from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	35 ECTS
	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&M elective courses*. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One mandatory course:</p> <ul style="list-style-type: none"> - UCG3HU06 Existential Risks <p>Two 300 level electives courses within the humanities:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	15 ECTS
	Academic Core (5 ECTS)	UCG3AC02 Bachelor Thesis	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 Project Year 3	5 ECTS
¹ Students cannot choose both Mathematics and Calculus I			

Social and Cultural Change - Class of 2025			
YEAR 1 (60 ECTS)	Academic Core (35 ECTS)	UCG1RM01 Academic Skills	5 ECTS
		UCG1AC02 Introduction to Academic Research	5 ECTS
		UCG1AC03 Challenges of Modern Society 1	5 ECTS
		UCG1AC04 Challenges of Modern Society 2	5 ECTS
		Two LAS core electives:	10 ECTS
		- [course code] [course name]	

		- [course code] [course name]	
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	One mandatory Research & Methodology elective course ¹ : - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS
		Three of the following courses: - UCG1HU06 <i>Artivism</i> - UCG1HU04 <i>Understanding Bias</i> - UCG1HU05 <i>Music in Culture</i> - UCG1HU07 <i>Health and Wellbeing: Historical Perspectives</i> - UCG1SS04 <i>Ethics</i> One level 100 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	20 ECTS
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)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i>	10 ECTS
Five of the following courses: - UCG2SC17 <i>Ethical Dilemmas in the Sciences</i> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2HU04 <i>Cultural Criticism</i> - UCG2HU11 <i>Dystopias</i> - UCG2HU12 <i>Meaning and Truth in Language and Art</i> - UCG2HU09 <i>Myths we Live by: Narrative in Politics and Society</i> - UCG2HU03 <i>Knowledge is Power</i> - UCG2HU07 <i>World Literature</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2HU10 <i>Leadership in Culture</i> Two level 200 or 300 or Research & Methodology elective ¹ courses from any discipline: - [course code] [course name] - [course code] [course name]		35 ECTS	
YEAR 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 ¹ . Personal minors need prior approval by the Board of Examiners.) - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS

	Major (25 ECTS)	Two of the following courses: - UCG3HU02 Quality of Life - UCG3HU08 The City - UCG3HU06 Existential Risks - UCG3SC06 Science Communication - UCG3SS02 Mind and Society - UCG3SS06 Global Justice - UCG3AC03 Bachelor Thesis Extension One 300 level electives course within the humanities: - [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
¹ Students cannot choose both Mathematics and Calculus I			

Specialisations within a Major in the Social Sciences

International Business and Entrepreneurship (IBE) - Class 2025			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Statistics 1</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i> - UCG1RM05 <i>Mathematics (recommended if not confident about mathematics skills)</i> - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Three mandatory courses: - UCG1SS10 <i>International Business</i> - UCG1SS03 <i>Political Philosophy</i> - UCG1SS01 <i>Micro-Economics</i> One level 100 or R&M elective course ¹ from any discipline: - [course code] [course name]	20 ECTS

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)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM02 <i>Statistics 1</i> (if Statistics 1 has been taken in year 1, any other Research and Methodology course may be chosen) - UCG2RM03 <i>Statistics 2</i>	10 ECTS
		Three mandatory courses: - UCG2SS10 <i>International Marketing</i> - UCG2SS06 <i>Global Corporate Strategy</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> Two of the following courses: - EBB036A05 <i>Crosscultural Management*</i> - EBB608B05 <i>Ethics and International Business*</i> - EBB022A05 <i>Growth, Institutions and Business*</i> - EBB814A05 <i>Econometrics for Economics*</i> - UCG2RM09 <i>Statistics 3</i> - UCG2SS03 <i>Political Economy (advised if you plan to follow Empirical Political Economy)</i> One level 200 or 300 or R&M elective course ¹ from the social sciences: - [course code] [course name] One level 200 or 300 or R&M elective course ¹ from any discipline: - [course code] [course name]	35 ECTS
YEAR 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 ¹ . Personal minors need prior approval by the Board of Examiners.) - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	One of the following courses: - UCG3SS04 <i>Empirical Political Economy</i> - UCG3SS06 <i>Global Justice</i> - UCG3SS05 <i>The Age of Human Rights</i>	15 ECTS
		Two level 300 elective courses from the social sciences: - [course code] [course name] - [course code] [course name]	
		UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS

	Academic Core (5 ECTS)	UCG3AC01 <i>Project Year 3</i>	5 ECTS
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¹ 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 labelled with (L)			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
YEAR 1 (60 ECTS)	Major (25 ECTS)	One of the following Research & Methodology elective courses¹: - UCG2RM01 <i>Statistics 1</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Two mandatory courses: - UCG1SS03 <i>Political Philosophy</i> - UCG1SS08 <i>Fundamentals of Law (L)</i>	20 ECTS
		One level 100 or R&M elective course¹ from Social Sciences: - [course code] [course name] One level 100 or R&M elective course¹ from any discipline: - [course code] [course name]	
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)	Two of the following Research & Methodology elective courses¹: - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i> - UCG2RM09 <i>Statistics 3</i> - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i>	10 ECTS

YEAR 3 (60 EC)		<p>Four mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS18 <i>International Law (L)</i> - UCG2SS14 <i>International Relations Theories (and Practice)</i> - UCG2SS19 <i>European Law (L)</i> - UCG2SS15 <i>International Politics</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2RM09 <i>Statistics 3</i> - UCG2SS04 <i>Models of Democracy</i> - UCG2SS03 <i>Political Economy</i> - UCG2SS05 <i>Policy and Principles of Private Law (L)</i> - UCG2RM08 <i>Logic</i> <p>One level 200 or 300 or R&M elective course¹ from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] 	35 ECTS
	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&M elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG3SS05 <i>The Age of Human Rights (L)</i> - UCG3SS06 <i>Global Justice</i> <p>Two level 300 elective courses from the social sciences:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] <p><i>Recommended for (L): UCG3SS01 Criminal Law</i></p>	15 ECTS
	Academic Core (5 ECTS)	UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	UCG3AC01 <i>Project Year 3</i>	5 ECTS	
¹ 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 labelled with a (P)

Y E A	UCG1RM01 <i>Academic Skills</i>	5 ECTS
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		UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
		UCG1AC03 <i>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Statistics 1 (P)</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Two mandatory courses: - UCG1SS05 <i>Biopsychology</i> - UCG1SS06 <i>Social and Cultural Psychology</i> Two level 100 or R&M courses ¹ within social sciences. Recommended courses are: - UCG1HU04 <i>Understanding Bias (P)</i> - UCG1HU01 <i>Philosophy of Mind</i> - UCG1SC03 <i>Programming in Python</i> - UCG1SS04 <i>Ethics</i> - UCG1SC04 <i>Living Cell 1</i> - UCG1SS07 <i>Introduction to Sociology</i> - UCG1HU02 <i>Health and Wellbeing: Historical Perspectives</i> - [course code] [course name] - [course code] [course name]	20 ECTS
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)	Two of the following Research & Methodology elective courses ¹ : (Statistics 1 is mandatory if it has not been taken in year 1) - UCG2RM01 <i>Statistics 1 (P)</i> - UCG2RM03 <i>Statistics 2 (P)</i> - PSBE2-06 <i>Test Theory* (P)</i> - UCG2RM05 <i>Qualitative Data Collection and Analysis</i>	10 ECTS

YEAR 3 (60 EC)		<p>Two mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS07 Cognitive Psychology - UCG2SS13 Clinical Psychology <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2RM09 Statistics 3 (P) - UGC2SS09 Decision Making - PSBE1-05 Personality and Individual Differences* <p>One level 200 or 300 or Research & Methodology elective¹ courses within the social sciences: (Students interested in any “clinical” masters should consider PSBE2-11 Communication & Diagnostic Skills* as one of their two major courses from outside appendix 4 in the TER)</p> <ul style="list-style-type: none"> - [course code] [course name] <p>Two level 200 or 300 or Research & Methodology elective¹ courses from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	35 ECTS
	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&M elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One mandatory course:</p> <ul style="list-style-type: none"> - UCG3SS07 Perspectives on Human Development <p>Two level 300 courses within the social sciences. Recommended courses are:</p> <ul style="list-style-type: none"> - UCG3SC07 Neurobiology - UCG3SS02 Mind and Society - PSB3E-CN01 Clinical Neuropsychology* - UCG3SS03 Evidence-based Policy Analysis - UCG3SC06 Science Communication - [course code] [course name] - [course code] [course name] 	15 ECTS
	Academic Core (5 ECTS)	UCG3AC02 Bachelor Thesis	10 ECTS
	UCG3AC01 Project Year 3	5 ECTS	
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Philosophy, Politics and Economics (PPE) - Class 2025

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

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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
YEAR 1 (60 ECTS)	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Statistics 1 (P)</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i> - UCG1RM05 <i>Mathematics (P) (recommended if not confident about mathematics skills)</i> - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Three mandatory courses: - UCG1SS03 <i>Political Philosophy</i> - UCG1SS01 <i>Micro-Economics</i> - UCG1SS02 <i>Macro-Economics</i> One level 100 or R&M elective course ¹ from the social sciences or humanities: - [course code] [course name]	20 ECTS
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)	Two of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Statistics 1 (P)</i> - UCG2RM03 <i>Statistics 2(P) (advised if you plan to follow Empirical Political Economy)</i> - UCG2RM09 <i>Statistics 3</i> - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i>	10 ECTS

		<p>One mandatory course: - UCG2SS04 <i>Models of Democracy</i></p> <p>One of the following courses: - UCG2SS14 <i>International Relations Theories (and Practice)</i> - UCG2SS15 <i>International Politics</i> - UCG2SS03 <i>Political Economy (advised if you plan to follow Empirical Political Economy)</i></p> <p>Two of the following courses: - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2RM08 <i>Logic</i></p> <p>One of the following courses: - UCG2SS12 <i>Public Finance</i> - EBB814A05 <i>Econometrics for Economics*</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2SS09 <i>Decision Making</i></p> <p>One level 200 or 300 or R&M elective course¹ from the social sciences or humanities: - [course code] [course name]</p> <p>One level 200 or 300 or R&M elective course¹ any discipline: - [course code] [course name]</p>	35 ECTS
YEAR 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&M elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One of the following courses: - UCG3SS04 <i>Empirical Political Economy</i> - UCG3SS06 <i>Global Justice</i></p> <p>Two level 300 elective courses from the Social Sciences: - [course code] [course name] - [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

¹ Students cannot choose both Mathematics and Calculus I

Specialisations within a Major in the Sciences

Health and Life Sciences (HLS) - Class of 2025			
<p>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).</p> <p>Students with an interest in the lateral entry into the premasters of medicine at the UMCG are required to take the elective courses labelled with a (Z). In year 1 either Mathematics or Calculus 1 is required, not both.</p>			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	One Research & Methodology elective course¹: - UCG2RM01 <i>Statistics 1 (NS, LSM, PH) (Z)</i> - UCG1RM05 <i>Mathematics (NS, LSM, PH) (Z)</i> - UCG1RM04 <i>Calculus 1 (NS, LSM, PH) (Z)</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis (PH)</i>	
One compulsory course: - UCG1SC04 <i>Living Cell 1 (NS, LSM, PH) (Z)</i>		20 ECTS	
Two of the following courses: - UCG1SC07 <i>Human Anatomy and Histology (NS, LSM) (Z)</i> - UCG1SC06 <i>Biochemistry (NS, LSM) (Z)</i> - UCG1SS05 <i>Biopsychology (NS, LSM)</i> - UCG1SS09 <i>Policy Making in the EU (PH)</i> - UCG1HU02 <i>Health and Wellbeing: Historical Perspectives (LSM, PH)</i>			
One level 100 or Research & Methodology elective courses¹ within the sciences: - [course code] [course name]			
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)	<p>Two Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM01 <i>Statistics 1 (NS, LSM, PH)</i> - UCG2RM03 <i>Statistics 2 (NS, LSM, PH)</i> - UCG2RM09 <i>Statistics 3</i> - UCG2RM01 <i>Calculus 2 (NS, LSM, PH)</i> - UCG2RM04 <i>Computational Methods</i> - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i> 	10 ECTS
		<p>Six of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC17 <i>Ethical Dilemmas in the Sciences (LSM, PH)</i> - UCG2SC16 <i>Medical Microbiology (LSM, PH) (Z)</i> - UCG2SC02 <i>Living Cell 2 (NS, LSM, PH) (Z)</i> - UCG2SC09 <i>Practical Life Science (NS, LSM)</i> - UCG2SC04 <i>Human Immunology (NS, LSM, PH) (Z)</i> - UCG2SC01 <i>Human Physiology (NS, LSM) (Z)</i> - UCG2SC03 <i>Genetics (NS, LSM, PH) (Z)</i> - UCG2SS13 <i>Clinical Psychology (NS, LSM)</i> - UCG2SS07 <i>Cognitive Psychology (NS, LSM)</i> <p>One level 200 or 300 or Research & Methodology elective¹ courses from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] 	35 ECTS
YEAR 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&M elective courses¹. 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"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One mandatory course:</p> <ul style="list-style-type: none"> - UCG3SC01 <i>Oncology (LSM, NS, PH)</i> <p>Two 300 level courses within the sciences. Recommended courses are:</p> <ul style="list-style-type: none"> - UCG3SC07 <i>Neurobiology (LSM, NS)</i> - UCG3SC03 <i>Medical Technology (LSM, PH)</i> - UCG3SC06 <i>Science Communication (LSM, NS, PH)</i> - UCG3SC06 <i>Bachelor Thesis Extension (LSM, NS, PH)</i> - [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
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¹ Students cannot choose both Mathematics and Calculus I

Mind, Machines and Morality - Class of 2025			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
YEAR 1 (60 ECTS)	Major (25 ECTS)	One mandatory Research & Methodology elective course ¹ : - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Three mandatory courses: - UCG1SC02 <i>Linear Algebra</i> - UCG1SC03 <i>Programming in Python</i> - UCG1SS05 <i>Biopsychology</i>	20 ECTS
		One 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>	
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)	One mandatory Research & Methodology elective course ¹ : - UCG2RM04 <i>Computational Methods</i> One of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Calculus 2</i> - UCG2RM02 <i>Statistics 1</i>	10 ECTS

YEAR 3 (60 EC)		<p>Three mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SC13 Artificial Intelligence - UCG2SC14 Machine Learning - UCG2SS07 Cognitive Psychology <p>Three of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC07 Smart Technology Lab: Fundamentals - UCG2SC11 Big Data - Data Science - UCG2HU05 Freedom and Responsibility - UCG2SC12 Advanced Programming - UCG2SS17 Principles of Entrepreneurship - UCG2RM08 Logic - UCG2HU12 Meaning and Truth in Language and Art - UCG2HU06 Arts, Technology and Philosophy - UCG2SC17 Ethical Dilemmas in the Sciences <p>One level 200 or 300 or Research & Methodology elective¹ courses from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] 	35 ECTS
	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&M elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG3SC05 Smart Technology Lab: From Arts to Robotics - UCG3SC03 Medical Technology - UCG3SC04 Robotics - UCG3SC07 Neurobiology - UCG3SS07 Perspectives on Human Development - UCG3SC06 Bachelor Thesis Extension <p>One level 300 course within the sciences: (In addition to the courses mentioned above, recommended courses are UCGSC304 Science Communication or UCGHU307 Existential Risk):</p> <ul style="list-style-type: none"> - [course code] [course name] 	15 ECTS
	Academic Core (5 ECTS)	UCG3AC01 Project Year 3	5 ECTS
		UCG3AC02 Bachelor Thesis	10 ECTS
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Smart Technologies - Class of 2025			
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>Challenges of Modern Society 1</i>	5 ECTS
		UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
		Two LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
Major (25 ECTS)		One mandatory Research & Methodology elective course ¹ : - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Three mandatory courses: - UCG1SC01 <i>Principles of Modern Technology</i> - UCG1SC02 <i>Linear Algebra</i> - UCG1SC03 <i>Programming in Python</i> One of the following courses: - UCG1SS04 <i>Ethics</i> - UCG1HU01 <i>Philosophy of Mind</i> - UCG1SS01 <i>Micro-Economics</i>	20 ECTS
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)	One mandatory Research & Methodology elective course ¹ : - UCG2RM04 <i>Computational Methods</i> One of the following Research & Methodology elective courses ¹ : - UCG2RM01 <i>Calculus 2</i> - UCG2RM02 <i>Statistics 1</i>	10 ECTS
		Two mandatory courses: - UCG2SC07 <i>Smart Technology Lab: Fundamentals</i> - UCG2SC14 <i>Machine Learning</i> Four of the following courses: - UCG2SC05 <i>Smart Mechanics</i> - UCG2SC06 <i>Fields, Waves and Signals</i> - UCG2SC11 <i>Big Data - Data Science</i> - UCG2SC12 <i>Advanced Programming</i> - UCG2SC13 <i>Artificial Intelligence</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2RM08 <i>Logic</i> - UCG2SC17 <i>Ethical Dilemmas in the Sciences</i> One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	35 ECTS

YEAR 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&M elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG3SC05 <i>Smart Technology Lab: From Arts to Robotics</i> - UCG3SC03 <i>Medical Technology</i> - UCG3SC04 <i>Robotics</i> - UCG3AC03 <i>Bachelor Thesis Extension</i> <p>One level 300 course within the sciences: (In addition to the courses mentioned above, recommended courses are UCGSC304 <i>Science Communication</i> or UCGHU307 <i>Existential Risk</i>):</p> <ul style="list-style-type: none"> - [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
¹ Students cannot choose both Mathematics and Calculus I			

Appendix 3: Practicals

1. The following course units, as referred to in Article 4.1 and Article 7.1 include, in addition to teaching in the form of lectures, a practical in the stated form and of the stated duration:

UCG1AC07 How Things Work

Approximately $\frac{1}{5}$ of this course will be practical sessions. The course "How Things Work" is a practical introduction to science in the everyday context. Students will participate in practical sessions examining science in real world situations. Attendance in the practical sessions is mandatory.

UCG1SC07 Human Anatomy and Histology

Approximately $\frac{1}{4}$ of this course will be practical sessions. Anatomy will be examined on the basis of human anatomical specimen and models. Histology will be studied on the basis of virtual microscopy. Attendance in the practical sessions is mandatory.

UCG2SC07 Smart Technology Lab: Fundamentals

About half of the contact hours are in the form of practicals. Typical assignments consist of setting up a device, programming the hardware and report the results either in the form of video clips or in written form. Students are expected to also work on practical assignments at home. Attendance is mandatory.

UCG3SC05 Smart Technology Lab: From Arts to Robotics

About half of the contact hours are in the form of practicals. Typical assignments consist of setting up a device, programming the hardware and report the results either in the form of video clips or in written form. Students are expected to also work on practical assignments at home. Attendance is mandatory.

UCG2SC01 Human Physiology

Approximately $\frac{1}{3}$ of this course will be practical sessions. Students will perform and analyse the results from common research methods in cardiovascular physiology, respiratory physiology, and exercise physiology. Attendance in the practical sessions is mandatory.

UCG2SC16 Medical Microbiology

Approximately $\frac{1}{3}$ of this course will be practical sessions. This includes mandatory participation and passing of the Safe Microbiological Techniques sessions as well as strain identification. Attendance in the practical sessions is mandatory.

UCG2SC09 Practical Life Science

The complete course consists of practical sessions in the laboratory. Students will learn how to use standard lab equipment in a responsible way and how to design, perform and analyse basic biomedical experiments. Attendance in the practical sessions is mandatory.

UCG3SC04 Robotics

The course contains 5 practical sessions of 4 hours duration, each. Three of these practicals take place at UCG and two take place at the SKILL Lab (Philips, Drachten). Assignments include robot programming in virtual environments, an industrial robot assignment and an automation assignment. The latter two need to be conducted on site at the SKILL Lab. Attendance is mandatory.

UCG3SC07 Neurobiology

Approximately $\frac{1}{4}$ of this course will be practical sessions. Students will perform experiments studying regulation of heart function (HA; video test as a basis for seminar "reporting"),

anatomy of the brain (HE, pig brain), dark adaptation in humans (DA), and an assignment in rats concerning determination of the estrous cycle (OE) and food intake (VO). Attendance in the practical sessions is mandatory.

Appendix 4: Overview with 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 in the 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 *.

Where course codes have changed during the last years, old course codes are indicated. A list with changed course titles can be found below.

Courses which are no longer part of the programme are not listed here. For students who have completed a course during an academic year in which the courses was listed in appendix 4 of the respective TER, this course is counted as if listed in appendix 4.

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

100 level elective courses (5 ECTS per course)				
Course name	Course code	SC	SS	HU
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 and Histology	UCG1SC07	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	X
Policy Making in the EU	UCG1SS09		X	
Political Philosophy	UCG1SS03		X	X

Principles of Modern Technology	UCG1SC01	X		
Programming in Python	UCG1SC03	X	X	X
Social and Cultural Psychology	UCG1SS06		X	
Understanding Bias	UCG1HU04	X	X	X

200 level elective courses (5 ECTS per course)					
Course name	Course code	OLD Course code	SC	SS	HU
Advanced Programming	UCG2SC12		X		
Smart Mechanics	UCG2SC05	UCGSC211	X		
Artificial Intelligence	UCG2SC13		X		
Arts, Technology and Philosophy	UCG2HU06	UCGHU211	X	X	X
Big Data - Data Science	UCG2SC11	UCGSC219	X		X
Clinical Psychology	UCG2SS13	UCGSS222	X	X	
Cognitive Psychology	UCG2SS07	UCGSS209	X	X	
Crosscultural Management*	EBB036A05	EBB036A05		X	
Cultural Criticism	UCG2HU04	UCGHU207			X
Decision Making	UCG2SS09	UCGSS212		X	X
Dystopias	UCG2HU11	UCGHU310			X
Econometrics for Economics/ IEB*	EBB814A05	EBB814A05		X	
Ethical Dilemmas in the Sciences	UCG2SC17		X		X
Ethics and International Business*	EBB608B05	EBB608B05		X	X
European Law	UCG2SS19			X	
Fields, Waves and Signals	UCG2SC06	UCGSC220	X		
Freedom and Responsibility	UCG2HU05	UCGHU210	X	X	X
Genetics	UCG2SC03	UCGSC208	X		
Global Corporate Strategy	UCG2SS06	UCGSS208		X	
Growth, Institutions and Business*	EBB022A05	EBB022A05		X	
Human Immunology	UCG2SC04	UCGSC210	X		
Human Physiology	UCG2SC01	UCGSC206	X		
Intermediate Maths	EBB933B05		X		
International Law	UCG2SS18			X	
International Marketing	UCG2SS10	UCGSS213		X	
International Politics	UCG2SS15	UCGSS221		X	X
International Relations Theories (and Practice)	UCG2SS14	UCGSS220		X	X
Knowledge is Power	UCG2HU03	UCGHU204			X
Leadership in Culture	UCG2HU10	UCGHU215		X	X
Living Cell 2	UCG2SC02	UCGSC207	X		
Machine Learning	UCG2SC14	UCGSC222	X		
Meaning and Truth in Language and Art	UCG2HU12	UCGHU305	X		X
Medical Microbiology	UCG2SC16	UCGSC205	X		
Models of Democracy	UCG2SS04	UCGSS204		X	X
Myths we Live by: Narrative in Politics and Society	UCG2HU09	UCGHU214		X	X
Personality and Individual Differences*	PSBE1-05	PSBE1-05		X	
Pharmaco-epidemiology	WBFA028-05	WBFA028-05	X		

Policy and Principles of Private Law	UCG2SS05	UCGSS207		X	
Political Economy	UCG2SS03	UCGSS203		X	
Practical Life Science	UCG2SC09	UCGSC214	X	X	
Principles of Entrepreneurship	UCG2SS17	UCGSS223		X	
Public Finance	UCG2SS12	UCGSS218		X	
Smart Technology Lab: Fundamentals	UCG2SC07	UCGSC215	X		
Social Complexity and Networks	UCG2SS11	UCGSS215		X	X
World Literature	UCG2HU07	UCGHU213			X

300 level elective courses (5 ECTS per course)					
Course name	Course code	OLD Course code	SC	SS	HU
Clinical Neuropsychology*	PSB3E-CN01	PSB3E-CN01	X	X	
Criminal Law	UCG3SS01	UCGSS310		X	
Empirical Political Economy	UCG3SS04	UCGSS308		X	
Evidence-based Policy Analysis	UCG3SS03	UCGSS305		X	
Existential Risks	UCG3HU06	UCGHU307	X	X	X
Quality of Life	UCG3HU02				X
Global Justice	UCG3SS06	UCGSS311		X	
Growth and Development Economics*	EBB811B05			X	
Medical Technology	UCG3SC03		X		
Intermediate Macroeconomics*	EBB842B05	EBB842B05		X	
Intermediate Microeconomics*	EBB852B05	EBB852B05		X	
Mind and Society	UCG3SS02	UCGSS303		X	X
Neurobiology	UCG3SC07	UCGSC303	X	X	
Oncology	UCG3SC01	UCGSC302	X		
Perspectives on Human Development	UCG3SS07	UCGSS304	X	X	
Robotics	UCG3SC04		X		
Science Communication	UCG3SC06	UCGSC304	X	X	X
Smart Technology Lab: From Art to Robotics	UCG3SC05		X		
The Age of Human Rights	UCG3SS05	UCGSS309		X	
The City	UCG3HU08	UCGHU309		X	X
Bachelor Thesis Extension	UCG3AC03	UCGAC305	X	X	X

<p align="center">Research and Methodology elective courses (5 ECTS per course) Indicated are the <i>recommended</i> R&M courses per Major. Major Specialisations may require specific R&M courses (see Appendix 5). 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.</p>					
Course name	Course code	OLD Course code	SC	SS	HU

Calculus 1 (pre-requisite Math Diagnostic Test 7.0)	UCG1RM04		X	X	
Calculus 2 (pre-requisite Calculus 1)	UCG2RM01	UCGAC211	X	X	
Computational Methods (pre-requisite Programming in Python)	UCG2RM04	UCGAC214	X	X	
Interpretive Methods	UCG2RM06	UCGAC216		X	X
Mathematics	UCG1RM05		X	X	
Qualitative Data Collection and Analysis	UCG1RM06	UCGAC215		X	X
Statistics 1	UCG2RM02	UCGAC212	X	X	X
Statistics 2 (pre-requisite Statistics 1)	UCG2RM03	UCGAC213	X	X	X
Statistics 3 (pre-requisite Statistics 1 and 2)	UCG2RM09	UCG2SS02 / UCGAC217 / UCGAC202F		X	
Test Theory* (pre-requisite Statistics 1)	PSBE2-06	PSBE2-06		X	
Logic	UCG2HU01	UCGAC217	X	X	X
Visual and Arts-based Methods (pre-requisite: Qualitative Data Collection and Analysis)	UCG2RM07	UCGAC105A		X	X

Academic Core Courses				
Course name	Course code	OLD Course code	Level	ECTS
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	UCGAC201	200	10
Project Year 3	UCG3AC01	UCGAC301	300	5
Academic Skills	UCG1AC16	UCG1RM01	100	5
Introduction to Academic Research	UCG1AC02		100	5
Philosophy of Science	UCG2AC02	UCGAC210	200	5

Compulsory Major Course (10 ECTS)						
Course Name	Course code	OLD Course Code	Level	SC	SS	HU
Bachelor Thesis	UCG3AC02	UCGAC304	300	X	X	X

Minor Elective (15 ECTS)						
Course Name	Course code	OLD Course Code	Level	SC	SS	HU
Internship (15 ECTS)	UCG3RM01	UCGAC307	300	X	X	X

Changed Course Titles	
Old Course Title(s)	New Course Title
Academic Writing	Academic Skills
Advanced Neurobiology	Neurobiology

Art as Experience	Artivism
Biochemistry and Cell Biology practical	Practical Life Sciences
Capstone BBC: Developmental Psychology	Perspectives on Human Development
Capstone IRIL/ IBE/ PPE: Global Justice	Global Justice
Capstone Mind & Behaviour: Perspectives on Human Development	Perspectives on Human Development
Capstone PPE: Empirical Political Economy	Empirical Political Economy
Capstone PPIL: The Age of Human Rights	The Age of Human Rights
Capstone SocCultTrans: Mind and Society	Mind and Society
Capstone: Futures for Humanity	Futures for Humanity
Capstone: Oncology	Oncology
Challenges of Modern Society I	Exploring Challenges of Modern Society 1
Challenges of Modern Society II	Exploring Challenges of Modern Society 2
Changing Places in World Literature	World Literature
Criminal Law and Criminology	Criminal Law
Critical Thinking and Logic (R&M elective)	Logic (Major elective)
Electricity and Magnetism 1 (Statics)	Fields, Waves and Signals
Ethical Dilemmas in the Life Sciences	Ethical Dilemmas in the Sciences
Health & Disease	Disease
Human Decision Making	Decision Making
Human Integrative Physiology I	Human Physiology
Law in an Expanding World	Fundamentals of Law
Logic and Argumentation	Logic
Mathematics for Social Sciences and Health Sciences	Mathematics
Mechanics / Applied Mechanics	Smart Mechanics
Metaphor, Meaning and Truth	Meaning and Truth in Language and Art
Methods for Humanities 1	Visual and Arts-based Methods
Methods for Humanities 2	Interpretive Methods
Methods for Humanities: Interpretive Methods	Interpretive Methods
People, Places and Cultures in Global Context	People, Place and Culture in a Global Context
Physics Lab	Smart Technology Lab: Fundamentals
Qualitative Methods	Qualitative Data Collection and Analysis
Quantitative Methods for Social Sciences (R&M elective)	Statistics 3 (Major elective)
Smart Technology Lab: Physical Principles	Smart Technology Lab: Fundamentals
Social Networks and Social Complexity	Social Complexity and Networks
The Force of Myth in Culture and Politics	Myths we Live by: Narrative in Politics and Society
Understanding Bias: Gender, Ethnicity & Class	Understanding Bias
<i>Course names with I/II/III numbering</i>	<i>Course names with 1/2/3 numbering</i>
<i>Course names with “&” symbol</i>	<i>Course names with written out “and”</i>

Appendix 5: Double Degree programme

Double Degree Programme Ca' Foscari (PISE) and UCG (PPE) Incoming Students – DD Class of 2024		
YEA R 1 in Venic e	[LT9002] [CONTEMPORARY HISTORY] (12 ECTS) [LT9003] [HISTORY 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
YEA R 2 in Venic e	[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) [LT9018/ LT9010] [MODERN SOCIOLOGY / SOCIOLOGY AND POLITICS (one of the two) (6 ECTS) [LT9012] [INTERNATIONAL RELATIONS] (12 ECTS) [LT9013/ LT9014] HISTORY OF ASIA / HISTORY OF LATIN AMERICA (one of the two) (6 ECTS)	60 ECTS
YEA R 3 in Groni ngen	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
	- [UCG2SS12] [Public Finance] - [UCG2HU05] [Freedom and Responsibility] - [UCG2SS04] [Models of Democracy] - [UCG2SS03] [Political Economy]	20 ECTS
	- Two 200/300 level courses in Economics or PPE [recommended] Or - Two 200/300 level courses from any discipline	10 ECTS
YEA R 4 in Groni ngen	UCG3AC01 Project Year 3	5 ECTS
	The following three courses: - [EBB933B05] Intermediate Mathematics* [Note: this course is a prerequisite for 'Intermediate Microeconomics' and 'Intermediate Macroeconomics'] - [EBB852B05] Intermediate Microeconomics* - [EBB842B05] Intermediate Macroeconomics* Or Three Electives from PPE [recommended] / Social Sciences [at least two courses must be at level 300].	15 ECTS
	Choose one from: [UCG3SS06] Global Justice [UCG3SS04] Empirical Political Economy	5 ECTS

	<i>Extended Bachelor Thesis PPE</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

Double Degree Programme Ca' Foscari (PISE) and UCG (PPE) Outgoing Students – DD Class of 2023 and after		
YEAR 1 in Gronin gen	UCG1RM01 <i>Academic Skills</i>	5 ECTS
	UCG1AC02 <i>Introduction to Academic Research</i>	5 ECTS
	UCG1AC03 <i>Challenges of Modern Society 1</i>	5 ECTS
	UCG1AC04 <i>Challenges of Modern Society 2</i>	5 ECTS
	LAS core electives: - [course code] [course name] - [course code] [course name]	10 ECTS
	UCG1RM05 <i>Mathematics</i>	5 ECTS
	UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Compulsory - [UCG1SS02] [Macro-Economics] - [UCG1SS01] [Micro-Economics] - [UCG1SS03] [Political Philosophy] Choose one Elective course within Social Sciences - [course code] [course name]	20 ECTS
YEAR 2 in Gronin gen	UCG2AC01 <i>Project Year 2</i>	10 ECTS
	- UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i>	10 ECTS
	UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Compulsory - [UCG2HU05] [Freedom and Responsibility] - [UCG2SS04] [Models of Democracy] - [UCG2SS03] [Political Economy] - [UCG2SS12] [Public Finance] Three courses from: - [UCG2SS14] [International relations theories (and practice)] - [UCG2SS15] [International politics] - [UCG2HU06] [Arts, Technology and Philosophy] - [UCG2HU01] [Logic] - [EBB814A05] [Econometrics for Economics*] - [UCG2SS17] [Principles of Entrepreneurship] [UCG2SS09] [Decision Making]	35 ECTS
	- [LT9003] [HISTORY OF ECONOMIC THOUGHT] - [LT9033] [HISTORY OF POLITICAL THOUGHT] - [LT9027] [LOGIC AND PHILOSOPHY OF SCIENCE 2]	60 ECTS

	<ul style="list-style-type: none"> - [LT9025] [THEORETICAL PHILOSOPHY] - [LT9028] [INTERNATIONAL ECONOMICS AND DEVELOPMENT STUDIES] - [LT9018] [MODERN SOCIOLOGY] - [ET4006] [BUSINESS ECONOMICS AND MANAGEMENT] - [LT9020] [PUBLIC ECONOMICS AND WELFARE SYSTEM] - [ET2021] [PUBLIC ECONOMICS] - [LT9021] [INTERNATIONAL LAW] 	
YEAR 4 in Venice	<p>Compulsory</p> <ul style="list-style-type: none"> - [ET4011] [MONETARY ECONOMICS] - [ET4005] [EUROPEAN PUBLIC LAW] - [ET4003] [EUROPEAN PRIVATE LAW I & II] (12 ECTS) - [LT9024] [HISTORY OF PHILOSOPHY] - [ET0088] [ECONOMICS OF THE ENVIRONMENT] <p>Choose one from:</p> <ul style="list-style-type: none"> - [ET2013] [INTRODUCTION TO ECONOMETRICS] - [ET2016] [LABOUR ECONOMICS] - [ET2028] [INDUSTRIAL ORGANIZATION] - [ET4009] [FINANCIAL ECONOMICS] 	42 ECTS
	[Tirocini formativi] - Extended thesis	12 ECTS
	Final Project	6 ECTS

Double Degree Programme Ca' Foscari (PISE) and UCG (PPE) Incoming Students – DD Class of 2023		
YEA R 1 in Venice	[LT9002] [CONTEMPORARY HISTORY] (12 ECTS) [LT9003] [HISTORY 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
YEA R 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) [LT9018/ LT9010] [MODERN SOCIOLOGY / SOCIOLOGY AND POLITICS (one of the two) (6 ECTS) [LT9012] [INTERNATIONAL RELATIONS] (12 ECTS) [LT9013/ LT9014] HISTORY OF ASIA / HISTORY OF LATIN AMERICA (one of the two) (6 ECTS)	60 ECTS
YEA R 3 in Groningen	UCG2AC01 <i>Project Year 2</i>	10 ECTS
	UCG2AC02 Philosophy of Science	5 ECTS
	- UCG1AC02 Introduction to Academic Research - UCG2RM03 Statistics 2	10 ECTS
	UCG1AC04 Challenges of Modern Society 2	5 ECTS
	- [UCG2SS12] [Public Finance] - [UCG2HU05] [Freedom and Responsibility] - [UCG2SS04] [Models of Democracy] - [UCG2SS03] [Political Economy]	20 ECTS
	One 200 level course in Economics One 300 level course in Economics	10 ECTS
YEA R 4 in Groningen	UCG3AC01 Project Year 3	5 ECTS
	One 300-level Major elective in a PPE-related subject (5ECTS) and Two Minor Electives (10ECTS) OR (for students who would like to further specialize in economics): The following three electives: - [EBB933B05] Intermediate Mathematics* (prerequisite for Intermediate Micro- and Macro-economics) - [EBB852B05] Intermediate Microeconomics* - [EBB842B05] Intermediate Macroeconomics*	15 ECTS
	Choose one from: [UCG3SS06] Global Justice [UCG3SS04] Empirical Political Economy	5 ECTS

	<i>Extended Bachelor Thesis PPE</i>	15 ECTS
	Minor space (20 ECTS) Four electives within any discipline (20 ECTS) OR Internship (15 ECTS) and One elective within any discipline (5 ECTS)	20 ECTS