



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 2021-2022

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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 4th, 2020 and approved by the Faculty Council and the Programme Committee where required on June 10th 2020.

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:

- 1) The Act: the Higher Education and Research Act (*WHW: Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek*).
- 2) 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. References in the TER to the student are formulated using gender inclusive pronouns (i.e., singular use of they/ them/ theirs).
- 3) Degree programme: the Bachelor's degree programme referred to in Article 1.1 of these Regulations, comprising a coherent set of course units.
- 4) 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.
- 5) Ocasys: the University of Groningen's online course catalogue.
- 6) ECTS credits: a credit within the meaning of Article 7.4 of the Act. The student workload of each course unit is expressed in ECTS credits, whereby 1 ECTS is equivalent to a student workload of 28 hours.
- 7) Propaedeutic phase: the first 60 ECTS credits of the formal Bachelor's degree programme as defined in Article 7.8 of the Act.
- 8) Post-propaedeutic phase: the part of the Bachelor's degree programme (120 ECTS) following the propaedeutic phase.
- 9) Study progress overview: a written overview of study results and their ECTS credits, which is sent to students by email.
- 10) Preliminary study advice: a written overview of study results accompanied by a preliminary study advice, which is issued to students halfway through the academic year in the propaedeutic phase.
- 11) Definitive study advice: a study advice that is issued only once and which may result in rejection of the re-enrolment in the degree programme of the student in question, in accordance with Articles 7.8b.1 and 7.8b.2 of the Act.
- 12) Binding (negative) study advice: a negative study advice that is binding for the student in question and means the student may not continue with the degree programme, in accordance with Article 7.8b.3 of the Act.
- 13) 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).

- 14) Major specialisation: a coherent set of course units within an identified theme completed within the Major.
- 15) Minor Room: the space available for differentiation within the degree programme for students to further develop their academic profile within the degree programme.
- 16) Minor: a coherent set of course units that can be followed within the Minor Room.
- 17) University Minor: a broadening or deepening Minor that students can follow either at their own or a different faculty.
- 18) Personal Minor: a broadening or deepening Minor that students can compile themselves and follow either at their own or a different Faculty.
- 19) Test or examination: a test of the knowledge, understanding and skills of students, including an assessment of the results.
- 20) Final assessment: the final assessment for the Bachelor's degree which is considered to be passed once all the requirements of the Bachelor's degree programme have been satisfied.
- 21) Academic year: the period of time that starts on 1 September and ends on 31 August of the following year.
- 22) 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.
- 23) Practical: a practical exercise, as referred to in Article 7.13 of the Act, in one of the following forms:
 - the writing of a thesis;
 - the preparation of a written assignment, essay paper or draft, or prototype design;
 - the carrying out of a research assignment;
 - the active participation in a project, fieldwork or an excursion;
 - completing a placement;
 - active participation in another educational activity designed to teach certain skills.
- 24) Board of Examiners: an independent body with the duties and powers as set out in Articles 7.11, 7.12, 7.12b and 7.12c of the Act, including assessing whether the requirements of the final assessment have been met.
- 25) Admissions Board: the board that has decision-making authority in matters concerning admission to the degree programme on behalf of the Faculty Board.
- 26) Examiner: a person appointed by the Board of Examiners to set examinations and determine their results.
- 27) Programme Committee: the consultative and advisory body that fulfils the duties referred to in Articles 9.18 and 9.38c of the Act.
- 28) 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.
- 29) Regular Student: a student who is not a Minor or non-degree exchange student.
- 30) Matching: The procedure concerning the provision of matching activities and the issuing of study advice 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.
- 31) Extraordinary circumstances: circumstances as defined in Article 7.51 of the Act, that must be taken into account in the establishment of a decision as defined in Article 5.4, and 10.8 and 10.13. Article 7.51 of the Act is further elaborated in the University of Groningen Graduation Fund Regulations. In these Regulations, extraordinary circumstances include, in any case, a disability or chronic illness, illness, pregnancy and delivery, extraordinary family circumstances, a degree programme 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.

- 32) Academic integrity: information about academic integrity and the related procedures can be found on the UG website: <https://www.rug.nl/about-ug/organization/rules-and-regulations/general/gedragcodes-nederlandse-universiteiten/wetenschappelijke-integriteit>
- 33) Major Discipline: 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.

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

SECTION 2 – QUALIFICATIONS AND ADMISSION

Article 2.1 – 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 personal support advisor for the degree programme (or an equivalent member of Faculty staff) will be an advisory member and also secretary
- 4) The selection will be made by the Faculty Board, which will also set out the entry requirements.

Article 2.2 – Admission to the programme

Students are admitted to the programme in two steps (see Article 2.4 below). In the first step students are evaluated on their admissibility. Current admission requirements can be found on the website: <https://www.rug.nl/ucg/application/> and are published and updated annually on the 1st of October.

Article 2.3 – Intake Date and Application dates

- 1) There is one intake date per academic year, namely 1 September of each year. Applicants who wish to start on this date need to submit a complete application before 1 May of the same year.
- 2) The provisions of this Article also apply to students who re-register for the same degree programme.
- 3) The provisions of this Article also apply to students who transfer from other bachelor programmes of the University of Groningen.

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 are published and updated annually on the 1st of October.

Article 2.5 – 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 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) the use of the relevant academic instruments
 - iii) academic communication
 - 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) prepare students for a further degree programme, with a realistic perspective of admission to the Master's degree programme(s) of the University of Groningen and other institutions of academic education and research. Students become familiar with the theory and practice of academic research from the very start of their Bachelor's degree programme.
- 2) A graduate...

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.	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 (for instance, Healthy Ageing or Sustainability)
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	1.5 - ... is able to apply an interdisciplinary academic approach using these paradigms, concepts and models to solving complex real-world problems
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.	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.
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 capable of independent learning.	3.1 - ... is able to apply existing knowledge with imagination and creativity 3.2 - ... reflects on personal performance (strengths and weaknesses) 3.3- ... demonstrates ability to design their own learning path and learn in an active, deep and self-directed manner
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	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

combine disciplines in seeking nuanced understandings and effective solutions.	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
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- 3) The learning outcomes of the various individual course units (at programme level) can be found in Ocasys.

Article 3.2 – Type of degree programme

The degree programme is full time.

Article 3.3 – Language

The degree programme is taught in English.

Article 3.4 – 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 3.5 – 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) The structure of the contact hours is registered in the Student Handbook and/or OCASYS.

Article 3.6 – Organisation and examinations of the degree programme

- 1) The Bachelor's degree programme is concluded with a final 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 (Specialisation) (95 ECTS) and a University/ Personal Minor (30 ECTS).
- 4) The Academic Core of 55 ECTS comprises the following courses:

Courses	Level	ECTS
Academic Skills	100	5
Introduction to Academic Research	100	5
Exploring Challenges of Modern Society 1 and 2	100	10
Two Y1 LAS core electives	100	10
Project Year 1	100	5
Philosophy of Science	200	5

Project Year 2	200	10
Project Year 3	300	5

5) The Major of 95 ECTS comprises the following courses:

Courses	Level	ECTS
15 ECTS R&M courses from the list in Appendix 4 Students cannot choose both Mathematics and Calculus I.	R&M	15
20 ECTS 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 major in humanities, social sciences or sciences need to choose at least 15 ECTS within that discipline. Students wishing to follow a free major can choose courses within any discipline.	100 or R&M	20
35 ECTS 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. Students wishing to follow a major in humanities, social sciences or sciences need to choose at least 25 ECTS within that discipline. Students wishing to follow a free major can choose courses within any discipline.	200 or 300 or R&M	35
15 ECTS 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.	300	15
10 ECTS Bachelor Thesis (Capstone)	300	10

6) All students must choose one of the following Majors.

- Major in Sciences;
- Major in Social Sciences;
- Major in Humanities;
- Free Major.

7) Students may choose a specialisation. These specialisations are (interdisciplinary) programmes that can help students develop a specific scholarly profile. Choosing a specialization is not compulsory. Specializations may be subject to change due to course availability. The specialisations are outlined in Appendix 2. Specializations impose additional constraints on the choice of courses for the major programme.

Article 3.7 – Participation in course units

- 1) Students may participate in course units of the degree programme if they register in good time via <https://progresswww.nl/rug>.
- 2) 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.
- 3) 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 specialization. Students not following a specialization will be given the opportunity to indicate a number of courses for which they will be given priority.
- 4) Students are expected to complete all courses for which they are enrolled.

Article 3.8 – 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 personal support advisor.
- 6) The exact conditions for successfully passing a course are included in the syllabus for the course unit in question.

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	20

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

- 2) All course units and their teaching methods are listed in the online University course catalogue Ocasys and the course syllabus.
- 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.

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) The preliminary study advice should be considered as a warning if there is a question of insufficient study progress, giving students the chance to improve their performance.
- 4) If the study progress is such that the student cannot reasonably be expected to satisfy the conditions for receiving a positive study advice within the meaning of 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 at least 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 year of study, by 31 July at the latest. This can be either:
 - a) Positive, for students who earned 60 ECTS
 - b) Negative, for students do not fulfil the requirements as stated in 5.2.1 and 5.3. 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 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: Students who are registered for the propaedeutic phase of 2 or more University of Groningen degree programmes in their first year of registration, and by the end of the year satisfy the BSA threshold as referred to in Article 5.2.1 for one degree programme, will not have to satisfy the BSA threshold for the other programme(s) in that year. Once a student has successfully completed the propaedeutic phase of one degree programme, they are exempt from the BSA requirements for the other programmes.
- 2) Propaedeutic certificate previously gained: Students who have already passed the propaedeutic phase of a degree programme at the University of Groningen or another Dutch university, or (for degree programmes that do not issue propaedeutic certificates) in the opinion of the Board of Examiners have earned 60 ECTS credits in the first year, will not fall under the BSA system for the degree programme for which they enrol in the propaedeutic phase.
- 3) Deregistration as of 1 March: No definitive study advice will be issued to students who submit a request for deregistration as of 1 March of the first year of registration. The procedure set out in Article 5.1 will apply again to students who reregister in a subsequent academic year. The BSA regulations for the academic year in which they reregister will then apply. If a student wants to reregister 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 BSA threshold or postpone issuing a study advice. The evaluation of extraordinary circumstances will also take into account the student's study habits, the agreements made and any study plan drawn up in consultation with the personal support advisor, when the extraordinary circumstances were reported and the study results achieved by the end of the first year of study.

- 2) Students must report extraordinary circumstances to the personal support advisor as soon as possible in order to ensure optimum support. The Faculty Board, or the Faculty BSA Committee on its behalf, will make a decision in response to a student's request for a postponement of advice or an adjusted BSA threshold. Students must also report to the personal support advisor as soon as possible if they are unable to complete the study plan drawn up in consultation with the personal support advisor and based on the original or adapted BSA threshold.
- 3) Only in the case of extraordinary circumstances as referred to in Article 5.4.1, if no assessment can be made at the end of the first year with regard to a student's suitability for the degree programme due to personal circumstances as referred to in Article 5.4.1, the assessment may be postponed until a later date within the propaedeutic phase.
- 4) Postponed advice 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 (possibly adapted) BSA threshold has been passed.
 - b) The advice will be negative (and binding) if the student in question still fails to pass the (possibly adapted) BSA 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) Holders of a positive study advice for the UG degree programme in question will be admitted to the post-propaedeutic phase of the 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) The admission does not apply to the Minor of the degree programme. For this, completion of the entire propaedeutic phase is a requirement.

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 may be admitted to the post-propaedeutic phase, after consideration by 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 an exemption for the requirement stipulated in Article 6.1.1 to the holder of a diploma gained in the Netherlands or elsewhere and considered by the Admissions Board to be at least equivalent to the propaedeutic certificate referred to in Article 6.1.1.

Article 6.2 – Admission to the post-propaedeutic phase: hardship clause

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

SECTION 7 – THE 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	35
Major	Elective level 300 ³	15
Major	Bachelor Thesis (Capstone)	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.

Students wishing to follow a major in humanities, social sciences or sciences need to choose at least 25 ECTS within that discipline. Students wishing to follow a free major can choose courses within any discipline.

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.

- 2) All course units are listed in the digital 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 7.2 – Substitutions and electives followed elsewhere

- 1) Following a student's substantiated request, the Board of Examiners may grant permission to use 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 by the Board of Examiners of the degree programme in which the student is registered.

SECTION 8 – OTHER PROGRAMMES

Article 8.1 – Minor

Students can choose between a University Minor and a Personal Minor.

Article 8.1.1 – 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 to fill their Minor room with a University Minor do not need explicit permission from the Board of Examiners.

Article 8.1.2 – 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. It may contain a 15 EC internship as well as R&M courses.
- 2) Personal Minors must be presented to the Board of Examiners for approval in advance.

Article 8.2 – 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 8.1.1.2.
- 2) Minors followed in other degree programmes or at other faculties or institutes of higher education are subject to the authority of the Board of Examiners of the degree programme that sets the relevant examinations.
- 3) Minors in the degree programme followed by students of other degree programmes, faculties or institutes of higher education are subject to the authority of the Board of Examiners of the degree programme.
- 4) A responsible Board of Examiners will be assigned in the event of inter-faculty University Minors.

Article 8.3 – 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 admitted to one of the Bachelor’s degree programmes offered by the Faculty can participate in the Bachelor’s Honours Programme if they are selected by the Dean of the University of Groningen 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) Because the Honours Programme is not part of the regular Bachelor’s curriculum, the results and marks do not count towards the awarding of an honours predicate for the Bachelor's 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 study abroad.

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) The student will be informed of their probationary status and the probation procedure in writing within six weeks after the end of the second semester.
- 4) 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.
- 5) 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.
- 6) 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 their 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.
- 7) At the end of each semester, if a student is on academic probation the personal support advisor will provide the Dean with a report detailing the extent to which the student adheres to the academic probation contract.
- 8) Whenever a student is no longer behind the regular study load (as defined in Article 9.1.2), the student can request for their academic probation to be ended by the Dean, according to the probation procedure (referred to in Article 9.2.7). The student should meet with the personal support advisor to evaluate whether the goals in the academic probation contract were met.
- 9) After a period of academic probation, a student's status officially returns to Academic Good standing after the form ending academic probation has been approved and signed by the student, the personal support advisor and the Dean.

SECTION 10 – EXAMINATION

Article 10.1 – General

- 1) Every course unit of the programme is assessed by means of an examination.
- 2) 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 (as elective) and Year-3-Project excluded). The weighted total of these partial exams together determines the examination result.
- 3) The examination assesses the students' academic development and mastery of the learning outcomes of the course unit.
- 4) The results of an examination are given as pass or fail, 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) A student who registers for a course unit in the degree programme in accordance with Article 3.7. of the TER is automatically registered 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
Calculus 1	Entry test with a minimal score of 7.0 or exemption based on mathematics in final exam year
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
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 ● 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 3.8 are not eligible for a resit or repair assignment.
- 2) The periods in which examinations can be sat are listed in the course syllabus.
- 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.

Article 10.5 – Assessment of placement/internship or research assignment

The assessment of an internship or research assignment will be conducted by an examiner from University College Groningen.

Article 10.6 – Thesis

- 1) A thesis can in principle be used only for one 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) A thesis is independently assessed by at least two examiners.
- 3) Article 11.1.8 on the storage period for theses applies.
- 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.
- 6) More detailed regulations on the design, content, time frame and assessment of the thesis can be found in the Regulations for Bachelor's theses, which form part of these Teaching and Exam Regulations.

- 7) If by the end of the period referred to in Article 10.6.5 the thesis cannot be given a passing grade, the student is given the opportunity, within a time frame determined by the programme, to a repair. The maximum grade in that case that can be obtained is a 6.
- 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.
- 10) In situations of force majeure, when it is not reasonably possible to provide examinations in the manner 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.
- 11) All copyrights to these and other independently written assignments that aim to assess a student's knowledge, understanding and skills in principle remain with the student in question. Anyone else who wishes to use the thesis or written assignment will need the student's permission. However, the University needs unconditional freedom to handle theses and written assignments in order to archive (possibly under embargo) and process them in accordance with the Dutch Inspectorate of Education and the WHW. All students are therefore required to give the University unconditional permission to perform these actions and must bear in mind that as students they are individually responsible for maintaining academic integrity.

Article 10.7 – Form of examinations

- 1) Examinations will be taken in the manner stated in Ocasys.
- 2) At a student's request, the Board of Examiners may allow an examination to be taken in a form other than stated above.
- 3) Mock versions of examinations will be made available to practise.
- 4) 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 10.8 – Request for additional resit

- 1) Students may submit a request for an additional resit of an examination to the Board of Examiners.
- 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 additional resit would result in unacceptable study delay.

Article 10.9 – Authority of the Board of Examiners regarding electives offered by other degree programmes

- 1) A request to take an elective at another degree programme must be approved by the Board of Examiners of the student's own degree programme.

- 2) The Board of Examiners of the other degree programme is authorised to set and assess the examinations and decide upon requests for alternative exam regulations. Article 10.10.2 applies.

Article 10.10 – Course units completed elsewhere

- 1) A Bachelor's degree can only be awarded if at least half of the course units of the degree programme were offered by the degree programme during the student's period of registration as a student at the University of Groningen.
- 2) a. For Double Degree Bachelor's degree programmes offered together with an institution abroad, at least one quarter of the programme must have been followed at the Faculty during the student's period of registration as a student at the University of Groningen.
b. The stipulations in article 10.6 with regard to the thesis must be observed.

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 10.10 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 facilities permitted by the Board of Examiners of the degree programme for which the student is registered.

Article 10.13– Oral examinations

- 1) Unless the Board of Examiners decides otherwise, and with the exception of group presentations as a part of the assessment within a course unit, an oral examination can 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 and/or the examiner.

Article 10.14 – Marking of examinations and publication of marks

- 1) After an oral examination, the examiner will assess the examination immediately and provide the student with a statement upon their request.
- 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) Students can lodge an appeal against the results of an examination with the Central Portal for the Legal Protection of Student Rights (CLRS) within 6 weeks of the date on which the result was announced.

Article 10.15 – Validity

- 1) 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 at least six weeks after the results of a written examination have been made known. If the student makes use of this opportunity, the student may request a copy of the completed written examination 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 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 in 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 rules for assessing and determining the results of examinations and final assessments in the TER or the Rules and Regulations (R&R) of the Board of Examiners.

Article 10.18 – Cheating and plagiarism

- 1) Cheating is an act or omission by a student designed to partly or wholly hinder the forming of a correct assessment of their own or someone else's knowledge, understanding and skills.

- 2) Cheating also includes plagiarism, which means copying one's own or someone else's work without correct reference to the source.
- 3) Students must give the University permission to use a plagiarism scanner to check their theses and written assignments for plagiarism. Each student is 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 – Refusal of registration (*Iudicium Abeundi*)

- 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 the first paragraph 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 such cases, the Faculty Board, the Board of Examiners and the Board of the University will follow the *Protocol Iudicium Abeundi* [protocol for termination of registration] as approved by the *Nederlandse Federatie van Universitaire Medische Centra* [Netherlands Federation of University Medical Centres] on 1 November 2010.
- 3) The stipulations in the University of Groningen Regulations for Registration and Tuition Fees apply.

SECTION 11 – FINAL ASSESSMENT

Article 11.1 – Final assessment degree programme

- 1) The degree programme is concluded with a final assessment.
- 2) 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 acquired the necessary academic training. The Board of Examiners will issue a degree certificate indicating this.
- 3) If a student fails to meet the relevant deadlines for approval of the study programme referred to under Article 11.1.2, the Board of Examiners may postpone their graduation date. This date may then be in the academic year following the year in which the last examination was passed.

- 4) Before the result of the final assessment can be determined, the Board of Examiners may decide to test the student's knowledge of one or more course units or components of the degree programme, if and inasmuch as the marks for these course units provide a reason for doing so.
- 5) By determining the result of the final assessment, the Board of Examiners also commits itself to a speedy processing of the degree certificate ceremony.
- 6) If a student wishes to postpone the date of graduation due to extra examinations that still need to be taken, they must submit a request to this end to the Board of Examiners no later than two weeks after the determination of the final assessment date.
- 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.
- 8) The successfully passed final assessment as referred to in Article 11.1.1, and all assignments submitted within the framework of this assessment, will be kept on file by the Faculty Board for a period of at least 7 years.

Article 11.2 – 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 relevant, the results achieved in the Bachelor's Honours Programme will also be listed on the Diploma Supplement that accompanies the Bachelor's degree certificate.

Article 11.3 – Degree

- 1) Students of Class of 2020 and later, and who successfully pass the final assessment in:
 - the Major programme in sciences are awarded the degree 'Bachelor of Science';
 - the Major programme in Social Sciences are awarded the degree 'Bachelor of Science';
 - the Major programme in Humanities is awarded the degree 'Bachelor of Arts';
 - the free Major programmes are awarded the degree 'Bachelor of Science' or 'Bachelor of Arts' depending on the number of credits collected in the major disciplines Humanities, Social Sciences or Sciences. A minimum number of 50 ECTS in level 100, 200 or 300 elective courses belonging to the Humanities is required for a Bachelor of Arts and a minimum number of 50 ECTS in level 100, 200 or 300 elective courses belonging to the Sciences or Social Sciences is required for a Bachelor of Science. Students who have completed both 50 ECTS within the Humanities as well as the Sciences or Social Sciences may choose to be awarded a Bachelor of Arts or a Bachelor of Science.
- 2) The degree awarded shall be registered 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 11.4 – Final Grade Point Average (GPA)

- 1) The final grade point average upon graduation will be calculated over the courses completed and included in the final assessment of the degree programme.
- 2) A final grade point average (GPA) is calculated by multiplying, for each course, the (final) grade earned by ECTS credits earned. The total number is divided by total number of credits. This GPA calculation excludes courses for which a withdrawal was granted or for which the grade Pass was recorded.

Article 11.5 – Honours (‘Cum Laude’/‘Summa Cum Laude’)

- 1) The Board of Examiners will determine whether or not the Bachelor’s degree certificate will 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 are awarded if the student workload of the exemptions in ECTS credits amounts to more than half the total number of ECTS for the degree programme. This stipulation does not apply to Double Degree programmes.
- 4) Honours may only be awarded if the examinations for the course units were taken only once.
- 5) Honours may only be awarded if no single course unit was awarded a mark lower than 7.0.
- 6) No honours will be awarded if a decision by the Board of Examiners has been taken to the effect that a student is no longer eligible for an honours predicate because cheating or plagiarism has been detected.
- 7) 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 a component of the Teaching and Examination Regulations and comprises:

- 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 assessment moments for each course unit;
- the assessment design and assessment procedures and assessment criteria used;
- who is responsible for the implementation of the various components of the assessment policy;
- the method of regular evaluation.

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

- 1) The structure of the programme is different for students of class 2021. Details can be found in appendix 1.
- 2) Students from class 2021 who opted for a Major in the Sciences are allowed to add up to 10 ECTS in course units outside Appendix 4 in order to complete their respective specialisations in good order. Students require approval from the Board of Examiners.
- 3) For students of class 2021 Article 10.1.4 (0-10 grading) is not valid and instead replaced by Article 7.1.3 (Letter grading) as specified in the UCG Teaching and Examination Regulations 2018-2019.
- 4) For students of class 2021 Article 11.5. is not valid and instead replaced by Article 8.5 as specified in the UCG Teaching and Examination Regulations 2018-2019.
- 5) For students of class 2020 and 2021 Appendix 3 is not valid and instead replaced by Appendix 5 as specified in the UCG Teaching and Examination Regulations 2018-2019.

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 1 September 2020.

Appendix 1: Structure of the Degree Programme

CLASS of 2022-2024

Structure of the Degree Programme – Class of 2022-2024			
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
	UCG2AC01 <i>Project Year 2</i>		10 ECTS
	UCG2AC02 <i>Philosophy of Science</i>		5 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]	
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] - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name]		35 ECTS	
YEAR 3 (60 EC)	Minor (30 EC)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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			

CLASS of 2021

Structure of the Degree Programme – Class of 2021			
YEAR 1 (60 ECTS)	Academic Core (25 ECTS)	UCGAC108 <i>Challenges of Modern Society</i>	5 ECTS
		UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 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
		Two level 100 or Research & Methodology elective courses ¹ within any major discipline: - [course code] [course name] - [course code] [course name]	10 ECTS
YEAR 2 (60 ECTS)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45)	Two Research & Methodology elective courses ¹ : - [course code] [course name] - [course code] [course name]	10 ECTS

YEAR 3 (60 EC)		<p>Seven level 200 or 300 or Research & Methodology elective courses¹: (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.)</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name] - [course code] [course name] 	35 ECTS
	Minor (20 ECTS)	<p>University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (35 ECTS)	<p>Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange.</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	10 ECTS
		<p>Three level 300 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.)</p> <ul style="list-style-type: none"> - [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
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

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. Specializations may be subject to change due to course availability. Specializations impose additional constraints on the choice of courses for the major programme.

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

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

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

CLASS of 2024

Specializations within a Major in the Humanities

Truth, Meaning and Rationality – Class of 2024			
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 Research & Methodology elective course ¹ : - [course code] [course name]	5 ECTS
		Two mandatory courses: - UCG1SS04 Ethics - UCG1HU01 Philosophy of Mind 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]	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)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM06 Interpretive Methods - UCG2RM08 Logic	10 ECTS

YEAR 3 (60 EC)	Minor (30 EC)	<p>Two mandatory courses: - UCG2HU12 Meaning and Truth in Language and Art - UCG2SS09 Decision Making</p> <p>Three of the following courses: - UCG2SC17 Ethical Dilemmas in the Sciences - UCG2HU04 Cultural Criticism - UCG2HU05 Freedom and Responsibility - UCG2HU06 Arts, Technology and Philosophy - UCG2SS04 Models of Democracy</p> <p>Two level 200 or 300 or Research & Methodology elective¹ courses from any discipline: - [course code] [course name] - [course code] [course name]</p>	35 ECTS
	Minor (30 EC)	<p>University minor, minor abroad 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> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	<p>One mandatory course: - UCG3HU06 Existential Risks</p> <p>Two 300 level electives courses within the humanities: - [course code] [course name] - [course code] [course name]</p>	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 2024			
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
		<p>Two LAS core electives: - [course code] [course name] - [course code] [course name]</p>	10 ECTS
		UCG1AC01 Project Year 1	5 ECTS
	Major or	<p>One mandatory Research & Methodology elective¹: - UCG1RM06 Qualitative Data Collection and Analysis</p>	5 ECTS

		<p>Three of the following courses:</p> <ul style="list-style-type: none"> - UCG1HU06 Artivism - UCG1HU04 Understanding Bias - UCG1HU05 Music in Culture - UCG1HU07 Health and Wellbeing: Historical Perspectives - UCG1SS04 Ethics <p>One level 100 or Research & Methodology elective course¹ from any discipline: - [course code] [course name]</p>	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)	<p>Two mandatory Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM06 Interpretive Methods - UCG2RM07 Visual and Arts-based Methods 	10 ECTS
<p>Five of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC17 Ethical Dilemmas in the Sciences - UCG2HU05 Freedom and Responsibility - UCG2HU04 Cultural Criticism - UCG2HU11 Dystopias - UCG2HU12 Meaning and Truth in Language and Art - UCG2HU09 Myths we Live by: Narrative in Politics and Society - UCG2HU03 Knowledge is Power - UCG2HU07 World Literature - UCG2HU06 Arts, Technology and Philosophy - UCG2HU10 Leadership in Culture <p>Two level 200 or 300 or Research & Methodology elective¹ courses from any discipline: - [course code] [course name] - [course code] [course name]</p>		35 ECTS	
YEAR 3 (60 EC)	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG3HU02 Quality of Life - UCG3HU08 The City - UCG3HU06 Existential Risks - UCG3SC06 Science Communication - UCG3SS02 Mind and Society - UCG3SS06 Global Justice - UCG3AC03 Bachelor Thesis Extension <p>One 300 level electives course within the humanities: - [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			

Specializations within a Major in the Social Sciences

International Business and Entrepreneurship (IBE) – Class 2024			
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: - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	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 : - <i>UCG2RM01 Statistics 1</i> - <i>UCG1RM06 Qualitative Data Collection and Analysis</i> - <i>UCG1RM05 Mathematics</i> - <i>UCG1RM04 Calculus 1</i>	5 ECTS
		Three mandatory courses: - <i>UCG1SS10 International Business</i> - <i>UCG1SS03 Political Philosophy</i> - <i>UCG1SS01 Micro-Economics</i> One level 100 or R&M elective course ¹ from any discipline: - <i>[course code] [course name]</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)	Two mandatory Research & Methodology elective courses ¹ : - <i>UCG2RM02 Statistics 1</i> (if Statistics 1 has been taken in year 1, any other Research and Methodology course may be chosen) - <i>UCG2RM03 Statistics 2</i>	10 ECTS

YEAR 3 (60 EC)		<p>Three mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS10 International Marketing - UCG2SS06 Global Corporate Strategy - UCG2SS17 Principles of Entrepreneurship <p>Two of the following courses:</p> <ul style="list-style-type: none"> - EBB036A05 Crosscultural Management* - EBB608B05 Ethics and International Business* - EBB022A05 Growth, Institutions and Business* - EBB814A05 Econometrics for Economics* - UCG2RM09 Statistics 3 <p>One level 200 or 300 or R&M elective course¹ from the social sciences:</p> <ul style="list-style-type: none"> - [course code] [course name] <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, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG3SS04 Empirical Political Economy - UCG3SS06 Global Justice - UCG3SS05 The Age of Human Rights <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] 	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			

International Relations and International Law (IRIL) – Class 2024			
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]	

	Major (25 ECTS)	One of the following courses: - UCG3SS05 <i>The Age of Human Rights</i> - UCG3SS06 <i>Global Justice</i>	15 ECTS
		Two level 300 elective courses from the social sciences: - [course code] [course name] - [course code] [course name]	
	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 2024

Students with an interest in a psychology master are strongly advised to take elective courses labelled with a (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</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 ECTS)	Academic Core	UCG2AC01 <i>Project Year 2</i>	10 ECTS

		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45 ECTS)	<p>Two of the following Research & Methodology elective courses¹: (Statistics 1 is mandatory if it has not been taken in year 1)</p> <ul style="list-style-type: none"> - 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
		<p>Two mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS07 <i>Cognitive Psychology</i> - UCG2SS13 <i>Clinical Psychology</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2RM09 <i>Statistics 3 (P)</i> - UGC2SS09 <i>Decision Making</i> - PSBE1-05 <i>Personality and Individual Differences*</i> <p>One level 200 or 300 or Research & Methodology elective¹ courses within the social sciences: (Students interested in any “clinical” masters should consider <i>PSBE2-11 Communication & Diagnostic Skills*</i> 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
		University minor, minor abroad 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.)	30 ECTS
YEAR 3 (60 EC)	Minor (30 EC)	<ul style="list-style-type: none"> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One mandatory course:</p> <ul style="list-style-type: none"> - UCG3SS07 <i>Perspectives on Human Development</i> <p>Two level 300 courses within the social sciences. Recommended courses are:</p> <ul style="list-style-type: none"> - UCG3SC07 <i>Neurobiology</i> - UCG3SS02 <i>Mind and Society</i> - PSB3E-CN01 <i>Clinical Neuropsychology*</i> - UCG3SS03 <i>Evidence-based Policy Analysis</i> - UCG3SC06 <i>Science Communication</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

¹ Students cannot choose both Mathematics and Calculus I

Philosophy, Politics and Economics (PPE) – Class 2024			
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: - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	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</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i> - UCG1RM05 <i>Mathematics</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: - <i>[course code] [course name]</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)	Two of the following Research & Methodology elective courses ¹ : - UCG2RM01 <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>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</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
	Minor (30 EC)	<p>University minor, minor abroad 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> <p>- [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]</p>	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
	Academic Core (5 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			

Specializations within a Major in the Sciences

Health and Life Sciences (HLS) – Class of 2024

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

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

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)	Major (25 ECTS)	One Research & Methodology elective course ¹ : - 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>	5 ECTS
		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 courses ¹ 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)	Major (45 ECTS)	Two Research & Methodology elective courses ¹ : - 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>

YEAR 3 (60 EC)		<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
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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
	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, Machines and Morality – Class of 2022-2024			
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:	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 : - 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> 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> - UCG1SC08 <i>Systems View on Life</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
		Three mandatory courses: - UCG2SC13 <i>Artificial Intelligence</i> - UCG2SC14 <i>Machine Learning</i> - UCG2SS07 <i>Cognitive Psychology</i> Three of the following courses: - UCG2SC07 <i>Smart Technology Lab: Fundamentals</i> - UCG2SC11 <i>Big Data - Data Science</i> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2SC12 <i>Advanced Programming</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2RM08 <i>Logic</i> - UCG2HU12 <i>Meaning and Truth in Language and Art</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2SC17 <i>Ethical Dilemmas in the Sciences</i> One level 200 or 300 or Research & Methodology elective ¹ courses from any discipline: - [course code] [course name]	35 ECTS
YEAR 3 (60 EC)	Minor (30 EC)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS

	Major (25 ECTS)	Two of the following courses: - UCG3SC05 Smart Technology Lab: From Arts to Robotics - UCG3SC03 Medical Technology - UCG3SC04 Robotics - WBPH037-05 Device Physics* - UCG3SC07 Neurobiology - UCG3SS07 Perspectives on Human Development - UCG3SC06 Bachelor Thesis Extension One level 300 course within the sciences: (In addition to the courses mentioned above, recommended courses are UCGSC304 Science Communication or UCGHU307 Existential Risk): - [course code] [course name]	15 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

Smart Technologies – Class of 2022-2024			
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: - [course code] [course name] - [course code] [course name]	10 ECTS
		UCG1AC01 Project Year 1	5 ECTS
	Major (25 ECTS)	One mandatory Research & Methodology elective course ¹ : - UCG1RM04 Calculus 1	5 ECTS
Three mandatory courses: - UCG1SC01 Principles of Modern Technology - UCG1SC02 Linear Algebra - UCG1SC03 Programming in Python One of the following courses: - UCG1SS04 Ethics - UCG1SC08 Systems View on Life		20 ECTS	
YEAR 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 Project Year 2	10 ECTS
		UCG2AC02 Philosophy of Science	5 ECTS

	Major (45 ECTS)	<p>One mandatory Research & Methodology elective course¹:</p> <ul style="list-style-type: none"> - UCG2RM04 Computational Methods <p>One of the following Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM01 Calculus 2 - UCG2RM02 Statistics 1 	10 ECTS
		<p>Two mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SC07 Smart Technology Lab: Fundamentals - UCG2SC14 Machine Learning <p>Four of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC05 Smart Mechanics - UCG2SC06 Fields, Waves and Signals - UCG2SC11 Big Data - Data Science - UCG2SC12 Advanced Programming - UCG2SC13 Artificial Intelligence - UCG2SS17 Principles of Entrepreneurship - UCG2RM08 Logic - UCG2SC17 Ethical Dilemmas in the Sciences <p>One level 200 or 300 or Research & Methodology elective course¹ 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, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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 - WBPH037-05 Device Physics* - UCG3AC03 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
		UCG3AC02 Bachelor Thesis	10 ECTS
	Academic Core (5 ECTS)	UCG3AC01 Project Year 3	5 ECTS
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

CLASS of 2023

Specializations within a Major in the Humanities

Social and Cultural Change – Class of 2023				
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 : - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>		5 ECTS
Four of the following courses: - UCG1HU06 <i>Artivism</i> - UCG1HU04 <i>Understanding Bias</i> - UCG1SS03 <i>Political Philosophy</i> - UCG1SS04 <i>Ethics</i> - UCG1HU05 <i>Music in Culture</i> - UCG1HU07 <i>Health and Wellbeing: Historical Perspectives</i> - UCG1HU01 <i>Philosophy of Mind</i> - UCG1HU08 <i>Systems View on Life</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)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i>		10 ECTS
		Four 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> - UCG2RM08 <i>Logic</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> - UCG2HU12 <i>Meaning and Truth in Language and Art</i> - UCG2HU09 <i>Myths We Live By: Narrative in Politics and Society</i> One level 200 or 300 or Research & Methodology elective course ¹ from within the humanities: - [course code] [course name] Two 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)	University minor, minor abroad 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.) - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	One mandatory course: - UCG3HU02 <i>Quality of Life</i> Two of the following courses: - UCG3HU08 <i>The City</i> - UCG3HU06 <i>Existential Risks</i> - UCG3SC06 <i>Science Communication</i> - UCG3SS02 <i>Mind and Society</i> - UCG3AC03 <i>Bachelor Thesis Extension</i>	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			

Specializations within a Major in the Social Sciences

International Business and Entrepreneurship (IBE) – Class 2023			
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 : - UCG1RM04 <i>Calculus 1</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS

		<p>Three mandatory courses: - UCG1SS10 International Business - UCG1SS03 Political Philosophy - UCG1SS01 Micro-Economics</p> <p>One level 100 or R&M elective course¹ from the social sciences: - [course code] [course name]</p>	20 ECTS
YEAR 2 (60 EC)	Academic Core (15 ECTS)	UCG2AC01 Project Year 2	10 ECTS
		UCG2AC02 Philosophy of Science	5 ECTS
	Major (45 ECTS)	<p>Two mandatory Research & Methodology elective courses¹: - UCG2RM02 Statistics 1 - UCG2RM03 Statistics 2</p> <p>Three mandatory courses: - UCG2SS10 International Marketing - UCG2SS06 Global Corporate Strategy - UCG2SS17 Principles of Entrepreneurship</p> <p>Two of the following courses: - EBB036A05 Crosscultural Management* - EBB608B05 Ethics and International Business* - EBB022A05 Growth, Institutions and Business* - EBB814A05 Econometrics for Economics* - UCG2RM09 Statistics 3</p> <p>One level 200 or 300 or Research & Methodology elective course¹ from the social sciences: - [course code] [course name]</p> <p>One level 200 or 300 or Research & Methodology elective course¹ from any discipline: - [course code] [course name]</p>	10 ECTS
			35 ECTS
YEAR 3 (60 EC)	Minor (30 EC)	<p>University minor, minor abroad 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> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	<p>One of the following courses: - UCG3SS04 Empirical Political Economy - UCG3SS06 Global Justice - UCG3SS05 The Age of Human Rights</p> <p>Two level 300 elective courses from the social sciences: - [course code] [course name] - [course code] [course name]</p>	15 ECTS
		UCG3AC02 Bachelor Thesis	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 2023			
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 : - UCG1RM04 <i>Calculus 1</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS
		Two mandatory courses: - UCG1SS03 <i>Political Philosophy</i> - UCG1SS08 <i>Fundamentals of Law</i>	20 ECTS
		One level 100 or R&M elective course ¹ from the social sciences: - [course code] [course name]	
		One level 100 or R&M 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 ECTS)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</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</i> - UCG2SS14 <i>International Relations Theories (and Practice)</i> - UCG2SS19 <i>European Law</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</i> - UCG2RM08 <i>Logic</i> <p>One level 200 or 300 or Research & Methodology elective course¹ from any discipline: - [course code] [course name]</p>	35 ECTS
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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</i> - UCG3SS06 <i>Global Justice</i> <p>Two level 300 elective courses¹ from the social sciences:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	15 ECTS
	Academic Core (5 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			

Mind and Behaviour – Class of 2023			
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
		<p>Two LAS core electives:</p> <ul style="list-style-type: none"> - [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 : - UCG1RM05 <i>Mathematics</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS
		Two mandatory courses: - UCG1SS05 <i>Biopsychology</i> - UCG1SS06 <i>Social and Cultural Psychology</i> One level 100 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] 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 : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i>	10 ECTS
		Three mandatory courses: - UCG2SS07 <i>Cognitive Psychology</i> - UCG2SS13 <i>Clinical Psychology</i> - PSBE2-06 <i>Test Theory*</i> Two of the following courses: - UGC2SS09 <i>Decision Making</i> - PSBE1-05 <i>Personality and Individual Differences*</i> - UCG2RM09 <i>Statistics 3</i> One level 200 or 300 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	35 ECTS
		University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
YEAR 3 (60 EC)	Major (25 ECTS)	One mandatory course: - UCG3SS07 <i>Perspectives on Human Development</i> Two level 300 elective courses from within the social sciences: - [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

Philosophy, Politics and Economics (PPE) – Class 2023			
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
	Major (25 ECTS)	UCG1AC01 <i>Project Year 1</i>	5 ECTS
YEAR 2 (60 EC)	Academic Core (15 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCG1RM04 <i>Calculus 1</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS
		Three mandatory courses: - UCG1SS03 <i>Political Philosophy</i> - UCG1SS01 <i>Micro-Economics</i> - UCG1SS02 <i>Macro-Economics</i>	20 ECTS
	Major (45 ECTS)	One level 100 or R&M elective course ¹ from the social sciences or humanities: - [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 courses ¹ : - UCG2RM01 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i> - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i>	10 ECTS

YEAR 3 (60 EC)		<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</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
	Minor (30 EC)	<p>University minor, minor abroad 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> <p>- [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]</p>	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
	Academic Core (5 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			

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 course ¹ : - UCG1RM04 <i>Calculus 1</i> - UCG1RM05 <i>Mathematics</i> - UCG1RM06 <i>Qualitative Data Collection and Analysis</i>	5 ECTS	
		Two mandatory courses: - UCG1SS06 <i>Social and Cultural Psychology</i> - UCG1SS07 <i>Introduction to Sociology</i>	20 ECTS	
		One of the following courses: - UCG1SC03 <i>Programming in Python</i> - UCG1SC08 <i>Systems View on Life</i>		
		One of the following courses: - UCG1SS04 <i>Ethics</i> - UCG1HU04 <i>Understanding Bias</i> - UCG1HU05 <i>Music in Culture</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)		Two mandatory Research & Methodology elective courses ¹ : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i>	10 ECTS
			One mandatory course: - UCG2SS11 <i>Social Complexity and Networks</i>	35 ECTS
			Three of the following courses: - UGC2SS09 <i>Decision Making</i> - UCG2SC11 <i>Big Data – Data Science</i> - SOBA 204A <i>Organisation and Society</i> * ^o - SOBA 904 <i>Social and Institutional Change</i> * ^o - UCG2RM09 <i>Statistics 3</i>	
			Two level 200 or 300 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] - [course code] [course name]	
		One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]		

YEAR 3 (60 EC)	Minor (30 EC)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	One mandatory course: - UCG3SS02 <i>Mind and Society</i>	15 ECTS
		Two of the following courses: - UCG3HU08 <i>The City</i> - UCG3HU06 <i>Existential Risks</i> - UCG3SS08 <i>The History of Economic Thought</i> ^o - UCG3SS03 <i>Evidence-based Policy Analysis</i> - UCG3AC03 <i>Bachelor Thesis Extension</i>	
	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			

Specializations within a Major in the Sciences

Health and Life Sciences (HLS) – Class of 2023 Within HLS recommendations for three different routes are indicated to help students orient towards relevant Master Programmes: Neurosciences (NS) Life Science and Medicine (LSM) and Public Health (PH). Students with an interest in the lateral entry into the premasters of medicine at the UMCG are required to take the elective courses labelled with a (Z). In year 1 either Mathematics or Calculus 1 is required, not both.			
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)	<p>One Research & Methodology elective course¹:</p> <ul style="list-style-type: none"> - UCG1RM06 <i>Qualitative Data Collection and Analysis (PH)</i> - UCG1RM05 <i>Mathematics (NS, LSM, PH) (Z)</i> - UCG1RM04 <i>Calculus 1 (NS, LSM, PH) (Z)</i> 	5 ECTS
		<p>One compulsory course:</p> <ul style="list-style-type: none"> - UCG1SC04 <i>Living Cell 1 (NS, LSM, PH) (Z)</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - 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> <p>One level 100 or Research & Methodology elective courses¹ within the sciences:</p> <ul style="list-style-type: none"> - [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)	<p>Two Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM01 <i>Statistics 1 (NS, LSM, PH) (Z)</i> - UCG2RM03 <i>Statistics 2 (NS, LSM, PH)</i> - PSBE2-06 <i>Test Theory*</i> - UCG2RM09 <i>Statistics 3</i> - UCG2RM05 <i>Qualitative Data Collection and Analysis</i> - UCG2RM01 <i>Calculus 2 (NS, LSM, PH)</i> - UCG2RM04 <i>Computational Methods</i> - UCG2RM07 <i>Visual and Arts-based Methods</i> - UCG2RM06 <i>Interpretive 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, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS

	Major (25 ECTS)	<p>One mandatory course: - UCG3SC01 <i>Oncology (LSM, NS, PH)</i></p> <p>Two 300 level courses within the sciences. Recommended courses are: - 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]</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

Mind, Machines and Morality – Class of 2022-2024			
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
		<p>Two LAS core electives: - [course code] [course name] - [course code] [course name]</p>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
YEAR 1 (60 ECTS)	Major (25 ECTS)	<p>One mandatory Research & Methodology elective course¹: - UCG1RM04 <i>Calculus 1</i></p> <p>Three mandatory courses: - UCG1SC02 <i>Linear Algebra</i> - UCG1SC03 <i>Programming in Python</i> - UCG1SS05 <i>Biopsychology</i></p> <p>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> - UCG1SC08 <i>Systems View on Life</i></p>	20 ECTS
		<p>One mandatory Research & Methodology elective course¹: - UCG1RM04 <i>Calculus 1</i></p>	5 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

YEAR 3 (60 EC)	Major (45 ECTS)	<p>One mandatory Research & Methodology elective course¹:</p> <ul style="list-style-type: none"> - UCG2RM04 <i>Computational Methods</i> <p>One of the following Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM01 <i>Calculus 2</i> - UCG2RM02 <i>Statistics 1</i> 	10 ECTS
		<p>Three mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SC13 <i>Artificial Intelligence</i> - UCG2SC14 <i>Machine Learning</i> - UCG2SS07 <i>Cognitive Psychology</i> <p>Three of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC07, <i>Smart Technology Lab: Fundamentals</i> - UCG2SC11 <i>Big Data - Data Science</i> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2SC12 <i>Advanced Programming</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2RM08 <i>Logic</i> - UCG2HU12 <i>Meaning and Truth in Language and Art</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2SC17 <i>Ethical Dilemmas in the Sciences</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
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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> - WBPH037-05 <i>Device Physics*</i> - UCG3SC07 <i>Neurobiology</i> - UCG3SS07 <i>Perspectives on Human Development</i> - UCG3SC06 <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
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Smart Technologies – Class of 2022-2024				
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> - UCG1SC08 <i>Systems view on Life</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)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	Two of the following courses: - UCG3SC05 <i>Smart Technology Lab: From Arts to Robotics</i> - UCG3SC03 <i>Medical Technology</i> - UCG3SC04 <i>Robotics</i> - WBPH037-05 <i>Device Physics*</i> - UCG3AC03 <i>Bachelor Thesis Extension</i> 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>): - [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			

CLASS of 2022

Specializations within a Major in the Humanities

Social and Cultural Change – Class of 2022			
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: - <i>[course code] [course name]</i> - <i>[course code] [course name]</i>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
Major (25 ECTS)	Major (25 ECTS)	One mandatory Research & Methodology elective course ¹ : - UCG1RM02 <i>Methods for Humanities: Empirical Methods</i>	5 ECTS
		Two of the following courses: - UCG1HU06 <i>How Art Makes the World (Art as Experience)</i> - UCG1HU04 <i>Understanding Bias: Gender, Ethnicity and Age</i> - UCG1SS03 <i>Political Philosophy</i> - UCG1HU05 <i>Music in Culture</i> - UCG1HU02 <i>Beautiful Bodies</i> - UCG1HU01 <i>Philosophy of Mind</i>	20 ECTS
		One level 100 or Research & Methodology elective course ¹ from within the humanities: - <i>[course code] [course name]</i>	
		One level 100 or Research & Methodology elective course ¹ from any discipline: - <i>[course code] [course name]</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)	Major (45)	Two mandatory Research & Methodology elective courses ¹ : - UCG2RM05 <i>Qualitative Data Collection and Analysis</i> - UCG2RM06 <i>Interpretive Methods</i>

YEAR 3 (60 EC)		<p>Four of the following courses:</p> <ul style="list-style-type: none"> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2SC17 <i>Ethical Dilemmas in the Sciences</i> - UCG2HU11 <i>Dystopias</i> - UCG2HU04 <i>Cultural Criticism</i> - UCG2HU01 <i>Logic</i> - UCG2HU03 <i>Knowledge is Power</i> - UCG2HU07 <i>World Literature</i> - UCG2HU10 <i>Leadership in Culture</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2HU09 <i>Myths We Live By: Narrative in Politics and Society</i> - UCGHU202 <i>Tolerating Diversity in Europe</i>^o - UCG2HU12 <i>Meaning and Truth in Language and Art</i> <p>One level 200 or 300 or Research & Methodology elective course¹ from within the humanities:</p> <ul style="list-style-type: none"> - [course code] [course name] <p>Two level 200 or 300 or Research & Methodology elective course¹ from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] 	35 ECTS
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One mandatory course:</p> <ul style="list-style-type: none"> - UCG3HU02 <i>Quality of Life</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCGHU304 <i>Made in Europe</i>^o - UCG3HU08 <i>The City</i> - UCG3HU06 <i>Existential Risks</i> - UCG3SC06 <i>Science Communication</i> - UCG3SS02 <i>Mind and Society</i> - UCG3AC03 <i>Bachelor Thesis Extension</i> 	15 ECTS
	Academic Core (5 ECTS)	UCG3AC02 <i>Bachelor Thesis</i>	10 ECTS
	UCG3AC01 <i>Project Year 3</i>	5 ECTS	
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Specializations within a Major in the Social Sciences

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 : - UCG1RM03 <i>Mathematics for Social Sciences and Health Sciences</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> - UCG2RM03 <i>Statistics 2</i> - UCG2RM05 <i>Qualitative Data Collection and Analysis</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> - UCG2SS02 <i>Statistics 3</i> One level 200 or 300 or Research & Methodology elective course ¹ from the social sciences: - [course code] [course name] One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	35 ECTS
Minor (30 EC)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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> Two level 300 elective courses from the social sciences: - [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

International Relations and International Law (IRIL) – Class 2022			
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 : - UCG1RM02 <i>Methods for Humanities: Empirical Methods</i> - UCG1RM03 <i>Mathematics for Social Sciences and Health Sciences</i> - UCG1RM04 <i>Calculus 1</i>	5 ECTS
		Two mandatory courses: - UCG1SS03 <i>Political Philosophy</i> - UCG1SS08 <i>Fundamentals of Law</i> Two 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 of the following Research & Methodology elective courses ¹ : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i> - UCG2RM06 <i>Interpretive Methods</i> - UCG2RM05 <i>Qualitative Data Collection and Analysis</i>	10 ECTS

YEAR 3 (60 EC)	Major (30 ECTS)	<p>Four mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS01 Introduction to Legal Theory° - UCG2SS14 International Relations Theories (and Practice) - UCG2SS16 International and European Law° - UCG2SS15 International Politics <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2SS02 Statistics 3 - UCG2SS04 Models of Democracy - UCG2SS03 Political Economy - UCG2SS05 Policy and Principles of Private Law - UCG2HU09 Myths we Live by: Narrative in Politics and Society - UCG2HU01 Logic <p>One level 200 or 300 or Research & Methodology elective course¹ from any discipline: - [course code] [course name]</p>	35 ECTS
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG3SS05 The Age of Human Rights - UCG3SS06 Global Justice <p>Two level 300 elective courses¹ from the social sciences:</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			

Mind and Behaviour – Class of 2022			
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
		<p>Two LAS core electives:</p> <ul style="list-style-type: none"> - [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 : - UCG1RM03 <i>Mathematics for Social Sciences and Health Sciences</i>	5 ECTS
		Two mandatory courses: - UCG1SS05 <i>Biopsychology</i> - UCG1SS06 <i>Social and Cultural Psychology</i> One level 100 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] 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 : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i>	10 ECTS
		Two mandatory courses: - UCG2SS07 <i>Cognitive Psychology</i> - UCG2SS13 <i>Clinical Psychology</i> Three of the following courses: - UGC2SS09 <i>Decision Making</i> - PSBE1-05 <i>Personality and Individual Differences*</i> - UCG2SS02 <i>Statistics 3</i> - PSBE2-06 <i>Test Theory*</i> - SOBA 204A <i>Organisation and Society*</i> ^o One level 200 or 300 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] 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)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	One mandatory course: - UCG3SS07 <i>Perspectives on Human Development</i>	15 ECTS
		Two level 300 elective courses from within 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

Philosophy, Politics and Economics (PPE) – Class 2022			
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 : - <i>UCG1RM02 Methods for Humanities: Empirical Methods</i> - <i>UCG1RM03 Mathematics for Social Sciences and Health Sciences</i> - <i>UCG1RM04 Calculus 1</i>	5 ECTS
		Three mandatory courses: - <i>UCG1SS03 Political Philosophy</i> - <i>UCG1SS01 Micro-Economics</i> - <i>UCG1SS02 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 : - <i>UCG2RM02 Statistics 1</i> - <i>UCG2RM03 Statistics 2</i> - <i>UCG2RM05 Qualitative Data Collection and Analysis</i>	10 ECTS

YEAR 3 (60 EC)		<p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2SS04 <i>Models of Democracy</i> - UCG2SS14 <i>International Relations Theories (and Practice)</i> - UCG2SS15 <i>International Politics</i> - UCG2SS03 <i>Political Economy</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2HU01 <i>Logic</i> <p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG2SS12 <i>Public Finance</i> - EBB814A05 <i>Econometrics for Economics*</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2SS09 <i>Decision Making</i> <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
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (25 ECTS)	<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG3SS04 <i>Empirical Political Economy</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] 	15 ECTS
	Academic Core (5 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			

Societies and Cultures in Transition – Class of 2022

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 I</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 : - UCG1RM03 <i>Mathematics for Social Sciences and Health Sciences</i>	5 ECTS
		Three mandatory courses: - UCG1SS06 <i>Social and Cultural Psychology</i> - UCG1SS07 <i>Introduction to Sociology</i> - UCG1SC03 <i>Programming in Python</i> One of the following courses: - UCG1SS04 <i>Ethics</i> - UCG1HU04 <i>Understanding Bias</i> - UCG1HU05 <i>Music in Culture</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)	Two of the following Research & Methodology elective courses ¹ : - UCG2RM02 <i>Statistics 1</i> - UCG2RM03 <i>Statistics 2</i> - UCG2RM05 <i>Qualitative Data Collection and Analysis</i>	10 ECTS
		One mandatory course: - UCG2SS11 <i>Social Complexity and Networks</i> Three of the following courses: - UGC2SS09 <i>Decision Making</i> - UCG2SC08 <i>Access to Medicine in a Globalized World</i> ^o - UCGHU202 <i>Tolerating Diversity in Europe</i> ^o - UCG2SC11 <i>Big Data – Data Science</i> - SOBA 204A <i>Organisation and Society</i> ^{*o} - SOBA 904 <i>Social and Institutional Change</i> ^{*o} - UCG2SS02 <i>Statistics 3</i>	35 ECTS
		Two level 200 or 300 or Research & Methodology elective course ¹ from within the social sciences: - [course code] [course name] - [course code] [course name] One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	
YEAR 3 (60 EC)	Minor (30 EC)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS

	Major (25 ECTS)	One mandatory course: - UCG3SS02 <i>Mind and Society</i> Two of the following courses: - UCG3HU08 <i>The City</i> - UCG3HU06 <i>Existential Risks</i> - UCG3SS08 <i>The History of Economic Thought</i> ^o - UCG3SS03 <i>Evidence-based Policy Analysis</i> - EBB083A05 <i>Globalization- the great unbundling</i> * - UCG3AC03 <i>Bachelor Thesis Extension</i> - UCGAC306 <i>Internship</i> ^o	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			

Specializations within a Major in the Sciences

Health and Life Sciences (HLS) – Class of 2022			
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).			
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 : - UCG1RM03 <i>Mathematics for Social Sciences and Health Sciences (NS, LSM, PH)</i> - UCG1RM04 <i>Calculus 1 (NS, LSM, PH)</i>	5 ECTS

		<p>One compulsory course: - <i>UCG1SC04 Living Cell 1 (NS, LSM, PH)</i></p> <p>Two of the following courses: - <i>UCG1SC07 Human Anatomy and Histology (NS, LSM)</i> - <i>UCG1SC06 Biochemistry (NS, LSM)</i> - <i>UCG1SS05 Biopsychology (NS, LSM)</i> - <i>UCG1SS09 Policy Making in the EU (PH)</i> - <i>UCG1HU02 Health and Wellbeing: Historical Perspectives (LSM, PH)</i></p> <p>One level 100 or Research & Methodology elective courses¹ within the sciences: - <i>[course code] [course name]</i></p>	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)	<p>Two Research & Methodology elective courses¹: - <i>UCG2RM02 Statistics 1 (NS, LSM, PH)</i> - <i>UCG2RM03 Statistics 2 (NS, LSM, PH)</i> - <i>PSBE2-06 Test Theory*</i> - <i>UCG2SS02 Statistics 3</i> - <i>UCG2RM05 Qualitative Data Collection and Analysis (PH)</i> - <i>UCG2RM01 Calculus 2 (NS, LSM, PH)</i> - <i>UCG2RM04 Computational Methods</i> - <i>UCG2RM07 Visual and Arts-based Methods</i> - <i>UCG2RM06 Interpretive Methods</i></p> <p>Six of the following courses: - <i>UCG2SC17 Ethical Dilemmas in the Sciences (LSM, PH)</i> - <i>UCG2SC16 Medical Microbiology (LSM, PH)</i> - <i>UCG2SC02 Living Cell 2 (NS, LSM, PH)</i> - <i>UCG2SC09 Practical Life Science (NS, LSM)</i> - <i>UCG2SC04 Human Immunology (NS, LSM, PH)</i> - <i>UCG2SC01 Human Physiology (NS, LSM)</i> - <i>UCG2SC03 Genetics (NS, LSM, PH)</i> - <i>UCG2SC08 Access to Medicine in a Globalized World (PH)</i>^o - <i>UCG2SS13 Clinical Psychology (NS, LSM)</i> - <i>UCG2SS07 Cognitive Psychology (NS, LSM)</i></p> <p>One level 200 or 300 or Research & Methodology elective¹ courses from any discipline: - <i>[course code] [course name]</i></p>	10 ECTS
<p>University minor, minor abroad 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> <p>- <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i> - <i>[course code] [course name] [credits]</i></p>		35 ECTS	
YEAR 3 (60 EC)	Minor (30 EC)		30 ECTS

	Major (25 ECTS)	<p>One mandatory course: - UCG3SC01 <i>Oncology (LSM, NS, PH)</i></p> <p>Two 300 level courses within the sciences. Recommended courses are: - 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]</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

Mind, Machines and Morality – Class of 2022-2024			
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
		<p>Two LAS core electives: - [course code] [course name] - [course code] [course name]</p>	10 ECTS
		UCG1AC01 <i>Project Year 1</i>	5 ECTS
	Major (25 ECTS)	<p>One mandatory Research & Methodology elective course¹: - UCG1RM04 <i>Calculus 1</i></p> <p>Three mandatory courses: - UCG1SC02 <i>Linear Algebra</i> - UCG1SC03 <i>Programming in Python</i> - UCG1SS05 <i>Biopsychology</i></p> <p>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> - UCG1SC08 <i>Systems View on Life</i></p>	20 ECTS
UCG2AC01 <i>Project Year 2</i>		10 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

YEAR 3 (60 EC)	Major (45 ECTS)	<p>One mandatory Research & Methodology elective course¹:</p> <ul style="list-style-type: none"> - UCG2RM04 <i>Computational Methods</i> <p>One of the following Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCG2RM01 <i>Calculus 2</i> - UCG2RM02 <i>Statistics 1</i> 	10 ECTS
		<p>Three mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SC13 <i>Artificial Intelligence</i> - UCG2SC14 <i>Machine Learning</i> - UCG2SS07 <i>Cognitive Psychology</i> <p>Three of the following courses:</p> <ul style="list-style-type: none"> - UCG2SC07 <i>Smart Technology Lab: Fundamentals</i> - UCG2SC11 <i>Big Data - Data Science</i> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2SC12 <i>Advanced Programming</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> - UCG2HU01 <i>Logic</i> - UCG2HU12 <i>Meaning and Truth in Language and Art</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2SC17 <i>Ethical Dilemmas in the Sciences</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
	Minor (30 EC)	<p>University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [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> - WBPH037-05 <i>Device Physics*</i> - UCG3SC07 <i>Neurobiology</i> - UCG3SS07 <i>Perspectives on Human Development</i> - UCG3SC06 <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
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Smart Technologies – Class of 2022-2024				
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> - UCG1SC08 <i>Systems view on Life</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> - UCG2HU01 <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)	University minor, minor abroad 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] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (25 ECTS)	Two of the following courses: - UCG3SC05 <i>Smart Technology Lab: From Arts to Robotics</i> - UCG3SC03 <i>Medical Technology</i> - UCG3SC04 <i>Robotics</i> - WBPH037-05 <i>Device Physics*</i> - UCG3AC03 <i>Bachelor Thesis Extension</i> 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>): - [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			

CLASS of 2021

Specializations within a Major in the Humanities

Specializations within a Major in the Social Sciences

International Business and Entrepreneurship (IBE) – Class 2021			
YEAR 1 (60 ECTS)	Academic Core (25 ECTS)	UCGAC108 <i>Challenges of Modern Society</i>	5 ECTS
		UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCGAC105B <i>Research & Methodology: Mathematics for Social Sciences and Life Sciences</i> - UCGAC105C <i>Research & Methodology: Calculus I</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 Research & Methodology elective course ¹ from any discipline: - [course code] [course name]	20 ECTS
Minor (10 ECTS)	Two level 100 or Research & Methodology elective courses ¹ within any major discipline: - [course code] [course name] - [course code] [course name]	10 ECTS	
YEAR 2 (60 ECTS)	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 : - UCGAC212 <i>Statistics 1</i> - UCGAC213 <i>Statistics 2</i> - UCGAC215 <i>Qualitative Data Collection and Analysis</i>	10 ECTS

YEAR 3 (60 EC)		<p>Three mandatory courses:</p> <ul style="list-style-type: none"> - UCG2SS10 International Marketing - UCG2SS06 Global Corporate Strategy - UCG2SS17 Principles of Entrepreneurship <p>Two of the following courses:</p> <ul style="list-style-type: none"> - EBB036A05 Crosscultural Management* - EBB608B05 Ethics and International Business* - EBB022A05 Growth, Institutions and Business* - EBB814A05 Econometrics for Economics* - UCG2SS02 Statistics 3 <p>Two level 200 or 300 or Research & Methodology elective course¹ from any discipline:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	35 ECTS
	Minor (20 ECTS)	<p>University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (35 ECTS)	<p>Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange.</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	10 ECTS
		<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCGSS308 Empirical Political Economy - UCGSS311 Global Justice - UCGSS309 The Age of Human Rights <p>Two level 300 elective course¹ from within the social sciences:</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
	UCG3AC01 Project Year 3	5 ECTS	
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

International Relations and International Law (IRIL) – Class 2021		
Y	E	A
	A	a
		UCGAC108 Challenges of Modern Society
		5 ECTS

	Major	UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCGAC105A <i>Research and Methodology: Methods for Humanities</i> - UCGAC105B <i>Research & Methodology: Mathematics for Social Sciences and Life Sciences</i> - UCGAC105C <i>Research & Methodology: Calculus I</i>	5 ECTS
		Two mandatory courses - UCG1SS03 <i>Political Philosophy</i> - UCGSS109 <i>Law in an Expanding World</i> Two level 100 or Research & Methodology elective course ¹ from the social sciences: - [course code] [course name]	20 ECTS
	Minor (10 ECTS)	Two level 100 or Research & Methodology elective courses ¹ within any major discipline: - [course code] [course name] - [course code] [course name]	10 ECTS
	YEAR 2 (60 ECTS)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>
UCG2AC02 <i>Philosophy of Science</i>			5 ECTS
Major (45 ECTS)		Two of the following Research & Methodology elective courses ¹ : - UCG2AC212 <i>Statistics 1</i> - UCGAC213 <i>Statistics 2</i> - UCGAC215 <i>Qualitative Data Collection and Analysis</i> - UCGAC216 <i>Methods for Humanities: Interpretive Methods</i>	10 ECTS
		Four mandatory courses: - UCG2SS01 <i>Introduction to Legal Theory</i> ^o (Students who have taken this course in Year 1 need to take an alternative level 200 elective from social sciences.) - UCG2SS14 <i>International Relations Theories (and Practice)</i> - UCG2SS16 <i>International and European Law</i> ^o - UCG2SS15 <i>International Politics</i>	35 ECTS
		Two of the following courses: - UCG2SS02 <i>Statistics</i> ³ - UCG2SS04 <i>Models of Democracy</i> - UCG2SS03 <i>Political Economy</i> - UCG2SS05 <i>Policy and Principles of Private Law</i> - UCG2HU09 <i>Myths We Live by: Narrative in Politics and Society</i> - UCG2HU01 <i>Logic</i>	
	One level 200 or 300 or Research & Methodology elective course ¹ from any discipline: - [course code] [course name]		

YEAR 3 (60 EC)	Minor (20 ECTS)	University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses ¹ . Personal minors need prior approval by the Board of Examiners.) - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]	30 ECTS
	Major (35 ECTS)	Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange. - [course code] [course name] - [course code] [course name]	10 ECTS
		One of the following courses: - UCGSS309 <i>The Age of Human Rights</i> - UCGSS311 <i>Global Justice</i>	15 ECTS
		Two level 300 elective course ¹ from within 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	
¹ Students cannot choose both Mathematics and Calculus I			

Mind and Behaviour – Class of 2021			
YEAR 1 (60 ECTS)	Academic Core (25 ECTS)	UCGAC108 <i>Challenges of Modern Society</i>	5 ECTS
		UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 ECTS
	Major (25)	One mandatory Research & Methodology elective course ¹ : - UCGAC105B <i>Research & Methodology: Mathematics for Social Sciences and Life Sciences</i>	5 ECTS

		<p>Two mandatory courses: - UCG1SS05 Biopsychology - UCG1SS06 Social and Cultural Psychology</p> <p>One of the following courses: - UCGHU101 Culture: The Building Blocks - UCG1HU01 Philosophy of Mind - UCG1HU04 Understanding Bias</p> <p>One level 100 or Research & Methodology elective course¹ from any discipline: - [course code] [course name]</p>	20 ECTS
	Minor (10 ECTS)	<p>Two level 100 or Research & Methodology elective courses¹ within any major discipline: - [course code] [course name] - [course code] [course name]</p>	10 ECTS
YEAR 2 (60 ECTS)	Academic Core (15 ECTS)	UCG2AC01 Project Year 2	10 ECTS
		UCG2AC02 Philosophy of Science	5 ECTS
	Major (45 ECTS)	<p>Two mandatory Research & Methodology elective courses¹: - UCG2AC212 Statistics 1 - UCGAC213 Statistics 2</p>	10 ECTS
		<p>Two mandatory courses: - UCG2SS07 Cognitive Psychology - UCG2SS13 Clinical Psychology</p> <p>Three of the following courses: - UGC2SS09 Decision Making - PSBE1-05 Personality and Individual Differences* - UCG2SS02 Statistics 3 - PSBE2-06 Test Theory* - SOBA 204A Organisation and Society*^o</p> <p>Two level 200 or 300 or Research & Methodology elective course¹ from any discipline: - [course code] [course name] - [course code] [course name]</p>	35 ECTS
YEAR 3 (60 EC)	Minor (20 ECTS)	<p>University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses¹. Personal minors need prior approval by the Board of Examiners.) - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits]</p>	30 ECTS
	Major (35 ECTS)	<p>Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange. - [course code] [course name] - [course code] [course name]</p>	10 ECTS

	Academic Core (5 ECTS)	One mandatory course: - UCGSS304 <i>Perspectives on Human Development</i>	15 ECTS
		Two level 300 elective course ¹ from within 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

¹ Students cannot choose both Mathematics and Calculus I

Philosophy, Politics and Economics (PPE) – Class 2021			
YEAR 1 (60 ECTS)	Academic Core (25 ECTS)	UCGAC108 <i>Challenges of Modern Society</i>	5 ECTS
		UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective courses ¹ : - UCGAC105A <i>Research and Methodology: Methods for Humanities</i> - UCGAC105B <i>Research & Methodology: Mathematics for Social Sciences and Life Sciences</i> - UCGAC105C <i>Research & Methodology: Calculus I</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 within social sciences OR Introduction to Epistemology, Metaphysics and Philosophy of Mind - [course code] [course name]	20 ECTS
Minor (10 ECTS)	Two level 100 or Research & Methodology elective courses ¹ within any major discipline: - [course code] [course name] - [course code] [course name]	10 ECTS	
YEAR 2 (60 ECTS)	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 of the following Research & Methodology elective courses¹:</p> <ul style="list-style-type: none"> - UCGAC212 <i>Statistics 1</i> - UCGAC213 <i>Statistics 2</i> - UCGAC215 <i>Qualitative Data Collection and Analysis</i> 	10 ECTS
		<p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2SS04 <i>Models of Democracy</i> - UCG2SS14 <i>International relations theories (and practice)</i> - UCG2SS15 <i>International politics</i> - UCG2SS03 <i>Political Economy</i> <p>Two of the following courses:</p> <ul style="list-style-type: none"> - UCG2HU05 <i>Freedom and Responsibility</i> - UCG2HU06 <i>Arts, Technology and Philosophy</i> - UCG2HU01 <i>Logic</i> <p>One of the following courses:</p> <ul style="list-style-type: none"> - UCG2SS12 <i>Public Finance</i> - EBB814A05 <i>Econometrics for Economics*</i> - UCG2SS17 <i>Principles of Entrepreneurship</i> <p>Two level 200 or 300 or Research & Methodology elective course¹ from social sciences:</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	35 ECTS
YEAR 3 (60 EC)	Minor (20 ECTS)	<p>University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (35 ECTS)	<p>Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange.</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	10 ECTS
		<p>One of the following courses:</p> <ul style="list-style-type: none"> - UCGSS308 <i>Empirical Political Economy</i> - UCGSS311 <i>Global Justice</i> <p>Two level 300 elective course¹ from within the social sciences:</p> <ul style="list-style-type: none"> - [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
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Specializations within a Major in the Sciences

Health and Life Sciences (HLS) – Class of 2021			
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).			
YEAR 1 (60 ECTS)	Academic Core (25 ECTS)	UCGAC108 <i>Challenges of Modern Society</i>	5 ECTS
		UCGAC101 <i>Year 1 UCG Liberal Arts & Sciences Skills and Group Projects and Individual Learning Line</i>	10 ECTS
		UCGAC102 <i>Research & Methodology: Year 1</i> - UCGAC102A <i>R&M: Logic and Argumentation</i> - UCGAC102B <i>R&M: Basic Statistics</i> - UCGAC102F <i>R&M: Academic Writing</i>	10 ECTS
	Major (25 ECTS)	One of the following Research & Methodology elective course ¹ : - UCGAC105B <i>R&M: Mathematics for Social Sciences and Life Sciences (NS, LSM, PH)</i> - UCGAC105C <i>R&M: Calculus 1 (NS, LSM, PH)</i>	5 ECTS
		Two mandatory courses: - UCGSC104 <i>Health and Disease</i> - UCGSC107 <i>Living Cell 1</i> One of the following courses: - UCGSC111 <i>Human Anatomy and Histology (NS, LSM)</i> - UCGSC109 <i>Biochemistry (NS, LSM)</i> - UCGSS105 <i>Biopsychology (NS)</i> One level 100 or research and methodology elective course ¹ within the sciences or UCGSS111 <i>Policy making in the EU (PH)</i> : - [course code] [course name]	20 ECTS
Minor (10 ECTS)	Two level 100 or Research & Methodology elective courses ¹ within any major discipline: - [course code] [course name] - [course code] [course name]	10 ECTS	
YEAR 2 (60 ECTS)	Academic Core (15 ECTS)	UCG2AC01 <i>Project Year 2</i>	10 ECTS
		UCG2AC02 <i>Philosophy of Science</i>	5 ECTS
	Major (45)	Two Research & Methodology elective courses ¹ : - [course code] [course name] - [course code] [course name]	10 ECTS

YEAR 3 (60 EC)		<p>Six of the following courses:</p> <ul style="list-style-type: none"> - 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> - UCG2SC08 <i>Access to Medicine in a Globalized World (PH)°</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: - [course code] [course name]</p>	35 ECTS
	Minor (20 ECTS)	<p>University minor, minor abroad or personal minor: (Personal minors can include courses of every discipline and can include a 15 ECTS internship and Research & Methodology elective courses¹. Personal minors need prior approval by the Board of Examiners.)</p> <ul style="list-style-type: none"> - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] - [course code] [course name] [credits] 	30 ECTS
	Major (35 ECTS)	<p>Two courses of any discipline and level. These may be courses outside appendix 4 and will not count towards the maximum number of courses outside appendix 4 as specified in the TER article 7.2. Courses outside appendix 4 need approval by the Board of Examiners. These courses can be courses done as part of a university minor and can be courses done during exchange.</p> <ul style="list-style-type: none"> - [course code] [course name] - [course code] [course name] 	10 ECTS
		<p>One mandatory course: - UCGSC302 <i>Oncology (LSM, NS, PH)</i></p> <p>Two 300 level courses within the sciences. Recommended courses are:</p> <ul style="list-style-type: none"> - UCGSC303 <i>Neurobiology (LSM, NS)</i> - UCG3SC03 <i>Medical Technology (LSM, PH)</i> - UCGSC304 <i>Science Communication (LSM, NS, PH)</i> - UCGAC305 <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	
<p>¹ Students cannot choose both Mathematics and Calculus I</p>			

Appendix 3: Grading

	Description	Grade Point
9 – 10	Outstanding: An outstanding answer showing an extraordinary understanding of the issues and methodologies; original, independent thinking informs an answer based upon rigorous argument accurately supported by evidence derived from a wide range of source material; could not be bettered at undergraduate level in the time	4.0
8.2 – 8.9	Very good: An answer demonstrating a high level of understanding of the issues and methodologies; the answer displays independent thought, and strong and well organised argument, using a wide range of sources.	4.0
7.7 – 8.1		3.7
7.4 – 7.6	Good: A good answer showing most but not necessarily all of the above. The level of independent thinking is a bit lower.	3.3
7.0 – 7.3		3.0
6.7 – 6.9		2.7
6.4 – 6.6	Pass: An answer demonstrating satisfactory understanding of the issues, with a reasonable and reasonably well organised argument supported by a standard range of sources. The answer may display some shortcomings, but no fundamental errors.	2.3
6.0 – 6.3		2.0
5.5 – 5.9		1.7
5.3 – 5.4	Fail: An answer which shows minimal, inadequate or limited understanding of some of the issues raised by the question, with substantial omissions or irrelevant material, and limited use of relevant material. Poorly conceived and poorly directed to the question.	1.3
4.9 – 5.2		1.0
0 – 4.8	Fail: Unsatisfactory, but will show skeletal grasp of some relevant issues and necessary material and/or skills. There may be gross misconceptions which nevertheless show some evidence of an elementary grasp of issues. Or: no answer offered. Or: an answer which is totally irrelevant or fundamentally wrong.	0.0

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 were 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	
Systems View on Life	UCG1SC08	X	X	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		
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	
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	
Current Issues in Research	UCG3SS09		X	X	X
Device Physics*	WBPH037-05		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	
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>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>