University of Amsterdam
Economics and Business

Teaching and Examination Regulations (OER) 2017-2018

Bachelor’s degree programmes

Actuarial Science
Econometrics and Operational Research
Economics and Business
Fiscal Economics

and

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Section A: Faculty section

1. General provisions

Article 1.1 Applicability of the Regulations
1. These Regulations apply to the teaching and examinations for the Bachelor’s degree programmes (hereinafter referred to as: the degree programme) offered by the UvA Economics and Business (hereinafter referred to as: ‘the Faculty’ or ‘EB’).
2. These Regulations consist of a Faculty section (A) and a programme-specific section (B). Section A contains general provisions and applies to the teaching and examinations of the Bachelor’s degree programmes of Economics and Business. Section B contains programme-specific provisions. Together, Sections A and B form the Teaching and Examination Regulations for the programme.
3. The Regulations can be declared to apply mutatis mutandis to the joint degree programmes and units of study pursuant to Section 7.3c of the WHW, also provided by the Faculty.
4. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.
5. Section B of these Teaching and Examination Regulations may contain additional general provisions for the relevant degree programme.

Article 1.2 Definitions
The following definitions are used in these Regulations:

a. ECTS (ECTS credit): an ECTS credit with a workload of 28 hours of study;
b. final examination (examen): the final examination of the Bachelor’s programme;
c. fraud and plagiarism: a student’s acts or failures to act which make it wholly or partially impossible to accurately judge his or her knowledge, understanding and skills;
d. joint degree: a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a programme (i.e. a degree programme, a major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;
e. component: a unit of study of the programme within the meaning of the WHW;
f. period: a part of a semester;
g. practical exercise: the participation in a practical training or other educational learning activity, aimed at acquiring certain skills, e.g. academic skills. Examples of practical exercises are:
* researching and writing a thesis;
* carrying out a research assignment;
* taking part in practical computer training;
* taking part in fieldwork or an excursion;
* taking part in another educational learning activity aimed at acquiring specific skills, or
* participating in and completing a work placement;
h. programme: the totality and cohesion of the course components, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
i. thesis: a component comprising research into the literature and/or contributing to scientific research, always resulting in a written report;
j. SIS: the Student Information System;
k. course catalogue: the guide for the degree programme that provides further details of the provisions and other information specific to that programme. The course catalogue is available electronically at www.coursecatalogue.uva.nl;

l. workload: the workload of the unit of study to which an examination applies, expressed in terms of credits = ECTS credits (ECTS = European Credit and Transfer Accumulation System). The workload for 1 year (1,680 hours) is 60 ECTS credits;

m. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;

n. examination (tentamen): an assessment of the student’s knowledge, understanding and skills relating to a course component. The assessment is expressed in terms of a final mark. An examination may consist of one or more interim examinations (deeltentamen);

o. University: the University of Amsterdam;

p. WHW: the Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek). The other terms have the meanings ascribed to them by the WHW.

Article 1.3 Language test and proficiency in Dutch
Article 1.3 of the model OER does not apply.

2. Previous education and admission

Article 2.1 Previous education
1. A person will be admitted to the programme if he or she has a pre-university diploma as referred to in Section 7.24 of the WHW, or if he or she is exempt from this requirement based on Section 7.28 of the WHW.

2. A person possessing a foreign diploma satisfies the requirement for sufficient proficiency in the Dutch language once he or she has passed one of the examinations referred to in Article 3.3 of Section B or has obtained an exemption from taking this examination.

3. The proficiency requirement in English as the language of instruction can be met by the successful completion of one of the examinations referred to in Article 3.3 of Section B, at the level specified there. Students who are admitted to the degree programme on the basis of paragraph 1 of this article are exempt from the requirement concerning proficiency in English as the language of instruction.

4. The requirement for sufficient mathematical knowledge must be satisfied. Article 3.1 of Section B outlines the required knowledge and how this can be demonstrated.

Article 2.2 Equivalent previous education
1. Anyone possessing a diploma who has the nationality of a state that is not party to the Lisbon Treaty (Treaty Series 2002, 137) must submit the diploma to the Executive Board (via the Admissions & Exchange Office). The Executive Board will determine whether the student meets the requirements for admission to the programme based on the diploma and any additional evidence submitted.

2. Anyone possessing a diploma not issued in the Netherlands cannot be enrolled until he or she has demonstrated sufficient proficiency in the language of instruction in order to follow the programme.

Article 2.3 Entrance examination (colloquium doctum)
1. Persons aged 21 years and older who do not meet the requirements for previous education referred to in Article 2.1 or 2.2 can submit a request to the Executive Board to take an entrance examination (colloquium doctum), as stipulated in Section 7.29 of the WHW.

2. Section B article 3.2 stipulates the requirements set for such an examination.
Article 2.4 Refusal or termination of enrolment (unsuitability/iudicium abeundi)
1. Based on the provisions of Section 7.42a of the WHW, the Dean or the Examinations Board may, in exceptional cases, ask the Executive Board to terminate or refuse a student’s enrolment in a programme, if that student’s actions or remarks show that he or she is unsuitable either for practising one or more of the professions for which the programme in question is preparing the student or for the practical preparation for professional practice.
2. If a student is suspected of being unsuitable as described in paragraph 1, the Examinations Board or the Dean will institute an inquiry, of which the student shall be informed immediately. The Examinations Board or the Dean will not issue any recommendation without carefully considering the interests involved and giving the student the opportunity to be heard.

3. Degree programme structure

Article 3.1 Structure of academic year
1. The degree programme will be offered in a year divided into two semesters.
2. Every semester consists of three consecutive periods of eight, eight and four weeks respectively.

Article 3.2 Programme structure and participation in courses
1. The programme comprises the units of study included in Section B of the Teaching and Examination Regulations.
2. The programme has a workload of 180 ECTS credits.
3. A unit of study that is offered by Economics and Business comprising 6 EC credits or a multiple thereof.
4. This article of the model OER is not applicable.
5. Academic development is part of every degree programme.
6. Electives within the elective part of the curriculum for a Bachelor’s programme are subject to the following criteria:
   - the student must meet the entry requirements of the course involved;
   - the course must be successfully completed within the period during which the student is enrolled as a student at the Faculty of Economics and Business of the University of Amsterdam;
   - the course must, at least, be at the postpropedeutical level. It is permitted to deviate from this requirement with a maximum of 12 EC. In that case, the course must, at least, be at the first-year Bachelor’s level;
   - there must be no substantial content overlap between the elective and other courses within the student’s Bachelor’s programme;
   - the student must request permission in advance from the Examinations Board in relation to courses taken outside the Faculty of Economics and Business. Some degree programmes and majors have restrictions on elective subjects. These restrictions are explicitly stated in the course catalogue.
   A minor (30 EC) within the minor component of the curriculum for a Bachelor’s programme are subject to the following criteria:
   - the faculty or institute of the UvA that offers the minor has approved participation and the student passed all parts of the minor, or
   - the student can submit a minor certificate (when a minor is offered by any other university in the Netherlands).

Furthermore, the following applies:
   - Units of study that are compulsory parts of the curriculum cannot be part of the minor programme.
   - The student can take minors that are offered by the University of Amsterdam. These minors are included in the Course Catalogue.
   - Via its partner universities, the UvA Economics and Business offers the opportunity to spend a semester studying at a university outside the Netherlands, subject to capacity limitations and entry requirements at the partner university. More information can be found here: studyabroad.uva.nl/exchange/economics-and-business.
- Taking a minor will never be a reason for changing the compulsory part of the programme, offering extra examination opportunities or granting exemption from attendance or assignment requirements, even if the minor has been approved by the Examinations Board.
- If a student does not complete the minor, the student has to transfer to the regular programme.
- Students who have chosen a minor of less than 30 EC and students who have less than 30 credits earned abroad, must supplement this elective component to obtain 30 EC. Student can do this by taking one (or more) course(s) that fulfill the requirements of electives. 7. Students must be signed up in advance for each unit of study. Students can only sign up for participation in a unit of study in the periods designated for that purpose. The periods and the procedure to be followed are determined by the Dean before 1 June and published at http://student.uva.nl/eco/az/item > course-and-exam-registration. Article 1.2 of each Section B indicates whether the degree programme can accommodate flexible learning students, and the maximum number of students that may be accepted.
8. Students can sign up for a maximum of 42 EC credits per semester. This maximum applies for each Bachelor’s degree programme for which the student is registered.
9. For participation in courses conditions can be imposed regarding:
- previously obtained study units. These entry requirements are mentioned in the list of units of study in article 4.13 section B. Participation in study units and exams is only possible if the student fulfil the entry requirements of the course. No later than the third or fourth week of lectures, when the grades of the required courses are registered, this requirement will be checked.
- Attending lectures or tutorials. These conditions can be found in the course description of the course catalogue. Students who do not wish to participate in a unit of study for which they are signed up should sign out via SIS in the periods designated for that purpose. The periods and the procedure to be followed are determined by the Dean before 1 June and published at http://student.uva.nl/eco/az/item > course-and-exam-registration. Students who do not attend a course for which they are registered will receive the result NA (‘non-attendance’) for the course in question.
10. Rules concerning admission to units of study with limited capacity can be included in Section B.
11. Students who are enrolled in a Master’s degree programme may not take part in final or interim examinations of Bachelor’s degree programmes. As an exception to this, students from the Faculty of Law for whom the course in Corporate Governance (6012B0266) is a compulsory part of their Master’s programme may enrol for this Bachelor’s course.

Article 3.3 Internationalisation
Attention will be paid to internationalisation during the Bachelor’s programme.

Article 3.4 Curriculum
1. The curriculum for the Bachelor’s programme in Actuarial Science is set out in Dutch in Section B, subsection 1 of the Onderwijs- en Examenregeling Bachelor of Science Opleidingen Faculteit Economie en Bedrijfskunde and in English for the majors taught in English in Section B in the Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business.
2. The curriculum for the Bachelor’s programme in Econometrics and Operations Research is set out in Dutch in Section B, subsection 2 of the Onderwijs- en Examenregeling Bachelor of Science Opleidingen Faculteit Economie en Bedrijfskunde and in English for the majors taught in English in Section B in the Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business.
3. The curricula for the Bachelor’s programme in Economics and Business are set out in Dutch in Section B, subsection 3 of the Onderwijs- en Examenregeling Bachelor of Science Opleidingen Faculteit Economie en Bedrijfskunde and in English for the majors taught in English in Section B in the Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business.
4. The curriculum for the Bachelor’s programme in Fiscal Economics is set out in Dutch in Section B, subsection 4 of the Onderwijs- en Examenregeling Bachelor of Science Opleidingen Faculteit Economie en Bedrijfskunde.
5. For each course in the curriculum for the Bachelor’s programmes specified in paragraph 1 to 4 of this Section, a description containing the entry requirements, the course content, the objectives, the
teaching format, the assessment method and the rules concerning mandatory attendance (if applicable) is available in the digital UvA course catalogue.

6. Electives within the elective part of the curriculum for the Bachelor’s programmes specified in paragraph 1 to 4 of this Section include:
   1. Bachelor’s courses offered by the Faculty of Economics and Business;
   2. Bachelor’s courses offered by any other faculty of the University of Amsterdam;
   3. Bachelor’s courses offered by any other university in the Netherlands;
   4. Bachelor’s courses offered by any other university outside the Netherlands.

7. The Bachelor’s programme is concluded by writing a Bachelor’s thesis. Depending on the programme, the Bachelor’s thesis may be combined with a Bachelor’s thesis internship. The specific requirements for the Bachelor’s thesis as well as Bachelor’s thesis internship options are set out in the Regulations Governing Bachelor’s Theses or in the digital UvA course catalogue, in the description of the Bachelor’s Thesis Seminar of the Bachelor’s programme involved.

4. Assessment and examinations

Article 4.1 Signing up for examinations
Students who have signed up for a unit of study are also signed up for the examinations for that unit (see article 3.2 sub 7), including any interim examinations and resits.

Article 4.2 Type of examination
1. The digital course catalogue stipulates the way in which a unit of study is concluded and the form any examination will take.
2. At the student’s request, the Examinations Board may permit a different form of examination than that stipulated in the digital course catalogue. If applicable, more detailed regulations on this are included in the Rules and Guidelines for the Examinations Board (Appendix I).
3. For units of study that are no longer offered, transitional arrangements will be included in section B.
4. At least 60% of the examinations for a unit of study should be based on individual assessments. For assessed components of a unit of study, including interim examinations, assignments and final examinations, a minimum score may be set for completing the course successfully. The mark of the final examination for every course must always be at least 5.0 (maximum of 5.5) before the scores have been rounded off (see the course catalogue for the minimum scores for each course). If a course only consists of centrally organised exams, the minimum of 5.0 for the final examination applies without a maximum of 5.5.
5. A bonus may not exceed 0.5 points and will only be awarded if the final mark without bonus is at least 5.50 or higher.
6. The procedures and guidelines for marking and awarding results in interim and other examinations are described in the Rules and Guidelines for the Examinations Board as laid down in Section 7.1, paragraph 4 of the WHW.
7. Students who participate in a study trip which has been approved by the director of the College of Economics and Business are entitled to alternative options for meeting attendance requirements during the period of the study trip. However, this does not hold for interim examinations, final examinations or resits.
8. For any course with written examinations, students are entitled to receive representative examination examples including answers. The examples must be representative in terms of length, type of questions and content.

Article 4.3 Oral examinations
1. Unless otherwise specified for the relevant unit of study in Section B, no more than one student will be examined orally at the same time.
2. An oral examination is public unless the Examinations Board or examiner determines otherwise in an exceptional case. A student may submit a reasoned request to the Examinations Board to depart
from the public nature of the oral examination. The Examinations Board will balance the interests of
the student against the interests of a public examination.

3. An oral examination will be taken in the presence of a second examiner.

4. The examiners make a report of the oral examination in which the questions are briefly
summarised. An audio recording may take the place of a written report. The student can inspect the
written report on request.

**Article 4.4 Determining and announcing results**

1. The examiner determines the result (= mark) of a written examination or thesis as soon as possible,
but at the latest within fifteen working days. Central organised interim examinations are subject to a
marking period of ten working days. The examiner submits the final marks to the relevant Programme
Administration and the Programme Administration will then immediately ensure that the results are
registered within three working days following the submission of the marks by the examiner. The
Programme Administration also ensures that the student is immediately notified of the mark, taking
due account of the applicable confidentiality standards.

2. The examiner determines the result (= mark) of an oral examination as soon as the examination has
finished and informs the student accordingly. The fourth sentence of the first paragraph applies.

3. In the case of an examination in other than oral or written form, the Examinations Board determines
in advance how and by what deadline the student will be informed of the results.

4. Together with the result of an examination, students’ attention will also be drawn to their right to
inspect the assessed work and have a post-examination discussion as stipulated in Articles 4.9 and
4.10.

5. A student may lodge an appeal against the way in which the result was reached with the
Examination Appeals Board within six weeks of the announcement of the result. A student may also
submit a request for reassessment to the examiner. A request for reassessment does not affect the time
period for lodging an appeal.

6. Results of written interim examinations must be announced within the terms that are mentioned in
paragraph 1 via Blackboard or otherwise. Students will be exclusively indicated with their student
number.

**Article 4.5 Opportunities to sit examinations**

1. An opportunity will be offered to sit final examinations for courses within a degree programme
twice in each academic year.

2. Paragraph 1 does not apply to a work placement or a thesis. The options for redoing work
placements and theses are detailed in the relevant work placement manual or graduation handbook,
whereby students do not have opportunity to resit if they have earned a pass mark for their work
placement or thesis.

3. The most recent mark will apply in the event of a resit or second examination for the same course.

4. The resit for an examination must not take place within ten working days of the announcement of
the result of the examination being resat.

5. If a student takes the same course twice within an academic year, all interim examination results
from the first participation are declared void.

6. Contrary to the provisions in paragraph 1, a separate resit is not provided for interim examinations.

7. In the case of a resit, the results obtained from these interim examinations will be disregarded and
the full course material will be tested. An exception can be made for results of practical interim
examination assignments such as papers. The results of these examinations may be valid for the resit,
on the condition that the resit gives the student a reasonable opportunity to pass the course. In any
case the course catalogue should clearly state the grading policy.

**Article 4.6 Marks**

1. Final marks are given on a scale from 1 to 10. Only whole or half marks (.0 or .5), with the
exception of the grade 5.5, may be awarded. This provision does not apply to grades of midterms.

2. The final assessment of a course is considered to be a pass if a mark of 6.0 or higher is obtained.
3. The mark of the final assessment of a course is always rounded to the nearest half grade. Grades from (and including) 4.75 to (excluding) 5.5 will be rounded up to 5. Grades from (and including) 5.5 to (and excluding) 6.25 will be rounded up to 6.

4. If the mark for the final assessment is lower than 5.0, the final grade will be the weighted average with a maximum of 5.0. For a number of courses, the minimum grade for the final assessment is higher than 5.0. This is indicated in the description of assessment in the course description for the course in question.

5. Should the degree classification or judicium for a particular course not be expressed as a mark, then the result will be ‘all requirements met’ (AVV) or ‘unsatisfactory’ (NAV).

6. Students who do not attend an examination for which they are signed up will receive the result NA: ‘niet aanwezig’ (‘non-attendance’).

**Article 4.7 Exemption**

1. At the written request of the student, the Examinations Board may exempt the student from taking one or more examination components if the student has passed a course component of a university education programme that is equivalent in both content and level. Additional rules concerning exemptions can be found in the Rules and Guidelines for the Examinations Board in Appendix I of this document. The rules in the Rules and Guidelines fall under the exclusive authority of the Examinations Board.

2. Contrary to the provisions of paragraph 1, no exemptions shall be granted for components of the first year of the degree programme. The Examinations Board may grant exemptions to students who are already enrolled in a particular Bachelor’s programme of the Faculty of Economics and Business and who wish to transfer to another Bachelor’s programme of the Faculty. These students may be exempted from taking one or more components of the first year of the degree programme, if they have successfully completed these during their first Bachelor’s programme.

3. This exemption does not apply to the Bachelor’s thesis; neither does it apply to compulsory courses on the curriculum if the replacement course is taken during the standard registration with the Faculty of Economics and Business.

4. To meet the requirements of the Bachelor’s examination, in the study programme for a degree programme with a total work load of 180 EC credits, a maximum of 60 EC credits may be accumulated through granted exemptions.

5. Students with a university Bachelor’s or Master’s degree certificate from outside of EB may be exempted from minors or optional subjects in the Bachelor’s programme, irrespective of their size.

6. Students taking multiple degree programmes within EB in which the compulsory courses directly correspond may apply for exemption from the courses in question. Exemption will not be granted for optional subjects or minors if more than 60 EC credits of compulsory courses directly correspond when two Bachelor’s degree programmes are combined.

**Article 4.8 Validity period for results**

1. Passed Bachelor’s courses have a guaranteed validity period of 6 years. The Examinations Board will extend the validity period of passed courses so long as the courses are still part of the curriculum and their substance has not changed.

2. Contrary to the provisions of paragraph 1, a validity period of three years will apply for examinations for units of study from the first year passed before 1 September 2012, unless they are part of a completed propaedeutic year.

3. Contrary to the provisions of paragraph 1 and 2 is the validity period of an interim examination is limited to the first exam that is offered for the study unit. If an interim examination is a practical exercise, it can be determined that the validity period is limited to the resit that is offered for the study unit.

**Article 4.9 Right of inspection**

1. Within twenty-five working days after the date upon which a written examination was held, the student can, on request, inspect his or her assessed work and the questions and assignments set, as well as the standards applied for marking.
2. The examiner can determine that the inspection or post-examination discussion referred to in paragraph 1 take place at a specified place and at a specified time. The place and time referred to in the previous sentence will be announced at the time of the examination or on the course’s Blackboard page and/or the Faculty website. There must be at least ten working days between this announcement and the time of the inspection.

3. If the student was unable to attend at the place and time referred to in paragraph 2 due to personal circumstances (including course attendance), an alternative option will be offered.

4. If a student intends to appeal against the way in which his or her mark was assessed, he or she can be issued with a copy of the marked work at his or her request.

5. During the inspection as mentioned in paragraph 1, students may also inspect their interim examinations. Furthermore, an opportunity will be offered to receive interim (collective) feedback on interim examinations before the final examination for the course in question is held.

Article 4.10 Post-examination discussion
1. If a collective post-examination discussion has been organised, individual post-examination discussions will be held only if the student has attended the collective discussion or if he or she was unable to attend the collective discussion due to personal circumstances (including course attendance).

2. Students who meet the requirements stipulated in paragraph 1 can submit a request for an individual post-examination discussion to the relevant examiner. The discussion will take place at a time and location to be determined by the examiner.

Article 4.11 Bachelor’s final examination
1. The Examinations Board determines the results and date of the final examination after it has established that the student has passed all the units of study belonging to the programme and if the student has not submitted a request for postponement.

2. A degree certificate can only be awarded after the Executive Board has declared that the student has satisfied all the procedural requirements, including the payment of tuition fees.

3. Students who have successfully completed the final examination and met all other requirements stipulated in the WHW will be awarded the degree of Bachelor of Science, abbreviated to BSc. The degree awarded is stated on the degree certificate. The Examinations Board may award a degree classification (judicium). If the student has shown exceptional competence, the Examinations Board may decide to add the qualification cum laude to his or her degree certificate; the criteria for this are set out in the Rules and Guidelines for the Examinations Board (Appendix I).

Article 4.12 Degree certificate and transcript
1. The Examinations Board grants a degree certificate as proof that the student has passed his or her final examination. The Executive Board sets the model for the degree certificate. The Examinations Board adds a supplement to the degree certificate providing information on the nature and content of the degree programme completed. The supplement is drawn up in Dutch or English and complies with the European format.

2. Individuals who have successfully completed at least one component of the programme and who cannot be awarded a degree certificate as stipulated in paragraph 1 will, on request, receive a statement to be issued by the relevant Examinations Board stating at least the examinations that have been successfully completed together with the units of study they involved, the number of EC credits obtained and the way in which the examinations were taken.

Article 4.13 Fraud and plagiarism
1. The provisions of the UvA Regulations governing Fraud and Plagiarism for UvA Students apply in full.

2. Electronic detection programs can be used to identify plagiarism in texts. Upon handing in the text, the student gives implicit permission for the inclusion of the text in the database of the relevant detection program.
5. Honours programme

Article 5.1 – Honours programme
1. A student who meets the entry requirements as stated in paragraph 3 of this Article may take part in the Honours programme. The student will take this programme alongside the regular Bachelor’s degree programme.
2. The Honours programme comprises 30 EC credits and consists of:
   - The first-year Honours course ‘The Why Axis’.
   - At least 18 credits of interdisciplinary courses;
   - Interdisciplinary courses are courses offered by the Institute for Interdisciplinary Studies (IIS) of the UvA or the Amsterdam University College (AUC), or courses offered in the VU Honours Programme. Interdisciplinary Honours courses of other faculties or Universities need to be approved by the Board of Examiners with the recommendation of the Honours coordinator of EB.
   - The remaining 6 EC of the Honours programme can be obtained through an interdisciplinary of disciplinary course. A disciplinary course is a second-year or third-year Bachelor’s course offered by the Faculty of Economics and Business or another faculty of Economics. Disciplinary courses are not supposed to overlap in terms of contents with courses in the student's regular Bachelor's programme.
3. Students can start the Honours programme at the beginning of the second semester of the first year of study or at the beginning of the second year of study. To start at the beginning of the second semester of the first year, the student must have secured all EC credits from the first semester and have a weighted average mark, before rounding up, of 7.50 or higher. To start at the beginning of the second year, the student must have secured all EC credits from the first year and have a weighted average mark, before rounding up, of 7.50 or higher.
4. The number of participants, the selection procedure and the selection criteria for the Honours programme will be determined and announced annually at the start of the academic year by the Dean, having taken advice from the Examinations Board.
5. In order to prevent significant unfairness, the Examinations Board can depart from the criteria referred to in paragraphs 3, 4, 6 and 7.
6. A student who has both met the requirements of the regular Bachelor’s programme within the nominal duration of study and achieved an average (weighted) mark of at least 7.50, before rounding up, for all components of the Bachelor’s programme and also met the requirements of the Honours programme will receive a Bachelor’s degree certificate with a transcript indicating that he or she has successfully completed the Honours programme.
7. To continue participating in the Honours programme, a student must fulfil the nominal study obligation as stated in Section B every semester, with an average mark of at least 7.5 at the end of the second academic year.

6. Academic student counselling, advice regarding continuation of studies and study progress

Article 6.1 Administration of study progress and academic student counselling
1. The Dean of the Faculty is responsible for the correct registration of the students’ study results in SIS. After the assessment of an examination component has been registered, every student has the right to inspect the result for that component via SIS and also to have a list of the results achieved put at his or her disposal in SIS.
2. Enrolled students are eligible for academic student counselling. Student counselling takes place within the study units and is described in the Course Catalogue. Students can also contact the study advisors.

Article 6.2 Advice regarding continuation of studies
1. As soon as possible after resitting the examinations of the first period of his or her first year as an enrolled student, and in any event before 1 February, the student will receive written advice on whether he or she can continue with his or her programme or not.
2. Students who receive a negative advice, as referred to in paragraph 1, will be invited to a meeting with the study advisor in order to discuss their study methods, to reconsider their choice of study, and to discuss possible exceptional personal circumstances and a possible referral to another programme.
3. The Dean will provide every student in a full-time Bachelor’s programme with advice regarding the continuation of his or her studies at the end of the first academic year. The advice regarding the continuation of studies is issued on behalf of the Dean by the Examinations Board.
4. If a rejection is linked to the advice (‘negative advice regarding continuation of studies’), the provisions of Article 6.3 apply.

**Article 6.3 Binding (negative) advice regarding continuation of studies (BSA)**
1. The advice issued at the end of the academic year will be a binding rejection if the student has not achieved the standard required for positive advice regarding continuation of studies. Negative advice regarding continuation of studies will not be issued if the student demonstrates that he or she did not meet the standard as a consequence of personal circumstances, as referred to in Article 6.4 sub 2. The standard is described in Article 7.2 of Section B.
2. EC credits for exemptions do not count towards a determination of the number of acquired credits as referred to in paragraph 1.
3. As soon as possible after resitting the examinations of the second semester of the first year as an enrolled student, a student who has not met the standard will be informed in writing that the Dean intends to issue him or her with negative binding advice regarding continuation of studies. The same procedure applies in the next year of enrolment if the student is permitted to continue with his or her degree programme as a result of personal circumstances (see Article 6.4) and has still not successfully met all of the requirements of the first year of study by that time.
4. Along with the information referred to in the previous paragraph, the student will also be informed of the possibility of being heard by the Examinations Board and how he or she can apply for such a hearing.
5. As soon as possible after the hearing, and on the advice of the Examinations Board, the Dean will determine which students will receive a binding negative advice regarding the continuation of studies. The execution of the binding study advice is delegated by the dean to the Board of Examiners.
6. Students may lodge an appeal against a decision on a binding negative advice regarding continuation of studies with the institution’s Examination Appeals Board within six weeks of the day of the decision’s announcement.
7. Students who receive a binding negative advice regarding continuation of studies may not enrol in the Bachelor’s programmes named in Article 7.2 of Section B during the subsequent three academic years.
8. A student who requests that he or she be struck from the register before 1 February of his or her first year as an enrolled student will not receive the advice as referred to in paragraph 3.
9. A student who has been given a dispensation from binding study advice regarding continuation of studies will receive, upon re-enrolment in a subsequent academic year, the study advice as described in paragraph 3 of Article 6.3. The total number of credits earned in first-year courses in the first year of enrolment will thereby be disregarded. A student who has earned 12 credits or more in first-year courses in the first year of enrolment must pass all remaining first-year Bachelor’s courses in a subsequent year in order to receive a positive advice.

**Article 6.4 Binding Study Advice and Personal circumstances**
1. The Dean will not include a rejection in the advice regarding the continuation of studies in the case of personal circumstances as a result of which the student concerned cannot have been reasonably expected to have met the standard referred to in paragraph 1 of Article 6.3.
2. If a circumstance as referred to in paragraph 4 should occur, the student must notify the study adviser in a personal meeting as soon as possible, providing details of:
   a. the period in which the circumstance occurs or occurred;
   b. a description of the circumstance and its seriousness;
   c. the extent to which he or she cannot or could not participate in instruction/classes or an examination.
It is the student’s responsibility to submit documentary evidence to substantiate his or her notification and discuss this with the study adviser.  
3. The study adviser will issue a written and reasoned advice as to whether it is a case of personal circumstances as referred to in paragraph 4.  
4. Within the meaning of this article, only the following are deemed to be personal circumstances:  
   a. illness of the student;  
   b. physical, sensory or other function impairment of the student;  
   c. pregnancy of the student;  
   d. special family circumstances;  
   e. membership of a representative advisory body or degree programme committee of the University;  
   f. membership of an assessment committee as referred to in Section 5a of the WHW;  
   g. membership of the board of a student organisation designated by the Minister within the context of the Regulation on the Administrative Provisions for National Graduation Support in Higher Education;  
   h. activities described in individual cases in the interest of the University, to be determined, with due observance of the Executive Board guidelines, by the Dean.  
   i. engagement in professional sports: the student has been given the official UvA top-class athlete status by the student counsellors and can demonstrate that his or her sports schedule has led to delays in study.

**Article 6.5 Adaptations for students with a disability**  
1. A student with a disability can qualify, upon request, for special adaptations with regard to teaching, practical training and examinations. These adaptations will accommodate the student’s individual disability as much as possible, but may not alter the quality or degree of difficulty of a course or an examination. In all cases, the student must fulfil the exit qualifications for the degree programme.  
2. The request referred to in paragraph 1 must be accompanied by a recommendation from a student counsellor. The recommendation must in part be based on a recent statement from a physician or psychologist.  
3. The Dean or, on his or her behalf, the College/Graduate School director or the programme director decides on the adaptations concerning the organisation and logistics of teaching. The Examinations Board will rule on requests for adaptations with regard to examinations.  
4. In the event of a positive decision in response to a request as referred to in paragraph 1, the student will make an appointment with the study adviser to discuss the details of the provisions.  
5. A request for adaptations will be refused if it would place a disproportionate burden on the organisation or the resources of the Faculty or University were it to be upheld.  
6. If the disability justifies an extension to the time in which the examination may be sat, the student counsellor will issue a statement testifying to this entitlement to an extension. If a disability justifies other measures being taken, the student counsellor can provide a statement on the necessary measures.  
7. The statement referred to in paragraph 6 is valid for a maximum period of the duration of the study programme. The period of validity can be extended on the recommendation of a student counsellor.

**7. Hardship clause**

**Article 7.1 Hardship clause**  
In instances not regulated by the Teaching and Examination Regulations or in the event of significant unfairness or unreasonableness, the Dean responsible for the degree programme will decide, unless the matter concerned is the responsibility of the Examinations Board.
8. Transitional and final provisions

**Article 8.1 Amendments to and periodic review of Section A**
1. Any amendment to Section A of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Boards of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

**Article 8.2 Transitional provisions**
1. The Examinations Board shall propose a transitional arrangement, with due regard for the provisions in the WHW regarding examinations and examination components, for students who, on the date when these Regulations come into force, have passed one or more but not all of the examination components and whose interests are damaged by these Regulations where they deviate from those in older versions.
2. Programme-specific transitional provisions are listed in subsections 1 to 5 of Section B.

**Article 8.3 Publication**
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

**Article 8.4 Effective date**
Section A of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of Economics and Business on 28 June 2017

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Section B1: programme-specific section BSc Actuarial Science


Article 1.1 Definitions
This article of the model OER is not applicable.

Article 1.2 Degree programme information
1. The programme Actuarial Science, CROHO number 56411, is offered on a full-time basis. The Bachelor’s programme has a Dutch and an English version. Participation in the English-language version of the programme is optional in the first year. In 2017-2018, the second year of this degree programme will be held entirely in English and the third year will be held entirely in Dutch. From 2018-2019, both the second and third years of this degree programme will be held entirely in English.
2. The degree programme does not have different majors.
3. The Actuarial Science degree programme does not admit flexible learning students.

2. Programme objectives and exit qualifications

Article 2.1 Programme objective
The aim of the degree programme is to train students to think and work at an academic level. To this end, students acquire knowledge and skills in the different methods, as well as the literature underlying them in the field of actuarial science. As such, they are trained for positions in business, policy or research that require an academic level of actuarial knowledge. Within the degree programme, the foundations are laid for analysing the financial translation, redistribution and completion of the risk- and savings-related processes that occur in a society’s financial system. For this, it is essential to have a thorough understanding of mathematics and probability and statistics. Methods and techniques can be used for this that (1) translate risks into a sound and manageable cash flow scenario, grounded in statistics; (2) translate this scenario into a deterministic or stochastic time-independent cash-flow model that can be used to simulate reality, allowing it to be managed with less uncertainty and more focus. Students learn current financial methods for risk management in financial, insurance and pensions practice. Students also learn about model hypotheses that are constantly and systematically used to test actual outcomes. In addition to this scientific basis, graduates are able to shift effectively between theory and professional practice. Although becoming familiar with the profession is important, academic education is the main focus.

The Bachelor’s degree programme in Actuarial Science prepares students for the Master’s programme in Actuarial Science and Mathematical Finance. This includes specialised actuarial modules, but it also involves a further deepening of students’ knowledge in the area of finance and investments.

Article 2.2 Exit qualifications
There are three categories of exit qualifications:
1. Knowledge
2. Skills
3. Attitude

Exit qualifications in terms of knowledge
The student should develop knowledge and understanding of the problem areas and practical application fields encountered in actuarial science, the methods and techniques available for this and the way in which these can be implemented and applied. Understanding problems means that the graduate is able to analyse problems using theoretical concepts, as well as able to take a critical approach to the chosen solutions to problems in theory and practice.
With regard to substantive knowledge, a distinction is made between three levels:

- **level A: introductory knowledge**
  Concerns knowledge of the basic concepts, standard theories and general insights in the discipline. Also concerns insight into the relevance of the profession for the degree programme in Actuarial Science;

- **level B: basic knowledge**
  Concerns a thorough knowledge of the most important methods and techniques in the discipline. Usually paired with more detailed study of practical examples;

- **level C: extensive knowledge**
  At this level, basic knowledge is extended with knowledge of alternative methods and techniques within the discipline. The student is also taught to apply this knowledge at an academic level.

1. On completion of the degree programme, students have the following knowledge:

   - **K1.** Level B knowledge of mathematical and statistical methods to the extent that these are used in actuarial science: probability, mathematical statistics, linear algebra, calculus, optimisation, differential and difference equations and descriptive statistics;
   - **K2.** Level A knowledge of microeconomics and macroeconomics;
   - **K3.** Level B knowledge of quantitative finance;
   - **K4.** Level B knowledge of techniques for mathematical decision theory;
   - **K5.** Level B knowledge of econometrics;
   - **K6.** Level C knowledge of the content, applicability, scope and limits of actuarial methods in practical situations. Actuarial methods cover: stochastic and deterministic financial mathematics, mortality models and demographics, stochastic cash flow models for basic and multiple life insurance policies, financing models for life insurance policies, savings and risk processes, financing structures for pensions, solidarity and risk-sharing, risk theory, the expected utility model, collective and individual risk models, the classical ruin model, theory of premiums and risk measures, bonus-malus systems and the ranking of risks.
   - **K7.** Knowledge of, and insight into, global issues and trends within the field.

2. On completion of the degree programme, students have the following skills:

   - **S1.** The ability to translate a practical problem into a problem that can be analysed using actuarial methods, and to translate the results of such analyses back to the practical situation;
   - **S2.** The ability to use the relevant sources in the literature;
   - **S3.** The ability to use modern information technology; this includes the use of standard software packages and a programming language, and use of the Internet as a source of information;
   - **S4.** The ability to report in writing and orally in a precise and clear way, both to colleagues and those outside the field;
   - **S5.** The ability to interpret and evaluate actuarial results.
   - **S6.** The ability to collaborate in an international environment.

3. On completion of the degree programme, students have the following attitude:

   - **A1.** A primarily quantitative and analytical approach to problems from the financial or insurance professions;
   - **A2.** An awareness of the social context in which the profession is practised; this includes the social role of policy recommendations based on actuarial analyses (both in government and in the private sector);
   - **A3.** The ability both to function independently and to work constructively in a team;
   - **A4.** A multidisciplinary approach.
   - **A5.** An awareness of the importance of culture and context in the decision-making process.
3. Further admission requirements

Article 3.1 Additional previous education requirements
1. Admission to the degree programme is possible on the basis of:
   a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
   b. an HBO (higher professional level) diploma or completion of the first academic year of an HBO degree programme as well as demonstrable understanding of the English language and mathematics at pre-university level, as described in the preceding paragraph.
2. an EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B. No supplementary mathematics requirements apply.
3. a non-EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B, a passed mathematics assessment set by the Faculty of EB and a GPA score. Students from non-EU countries are required to submit their application to the Faculty Admissions Office; each application is assessed individually.

Article 3.2 Entrance examination (colloquium doctum)
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
2. The proof that the entrance examination (colloquium doctum) has been passed provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken only.

Article 3.3 Language requirements
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website, www.uva.nl.
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   - TOEFL test: minimum score of 92, at least 20 for every interim score (237 computer/580 paper test, report number 0398)
   - IELTS test: minimum score of 6.5, at least 6 for every interim score
   - Cambridge International Examinations: minimum scores A (First - FCE), A/B/C (Advanced - CAE), A/B/C (Proficiency - CPE)
Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.

4. Curriculum Structure

Article 4.1 Composition of programme
The programme consists of the following components:
   a. academic development
   b. major/compulsory units of study
   c. electives
   d. thesis
Article 4.2 Academic development
Academic development is incorporated in the programme through the exit qualifications with respect to skills and attitudes as referred to in Article 2.2.

Article 4.3 Units of study
This article of the model OER is not applicable.

Article 4.4 Curriculum
First-year curriculum of the English programme:

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<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
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<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Mathematics 1: Calculus</td>
<td>Probability Theory and Statistics 1</td>
</tr>
<tr>
<td>Period 3</td>
<td>Period 4</td>
</tr>
<tr>
<td>Introduction Econometrics</td>
<td>Mathematics 2: Linear Algebra</td>
</tr>
<tr>
<td>Period 5</td>
<td>Period 6</td>
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<tr>
<td>Probability Theory and Statistics 2</td>
<td>Introduction Actuarial Science and OR</td>
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</tbody>
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Second-year curriculum of the English programme:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
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<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization</td>
<td>Probability Theory and Statistics 3</td>
</tr>
<tr>
<td>Period 3</td>
<td>Period 4</td>
</tr>
<tr>
<td>Mathematics 4: Multivariable Analysis and Constrained Optimization</td>
<td>Econometrics 1</td>
</tr>
<tr>
<td>Period 5</td>
<td>Period 6</td>
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<tr>
<td>Operations Research 1</td>
<td>Operations Research 2</td>
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<tr>
<td>Period 6</td>
<td></td>
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<tr>
<td>Operations Research 2</td>
<td>Mathematical Economics 1</td>
</tr>
<tr>
<td></td>
<td>Empirical Project</td>
</tr>
</tbody>
</table>

For more information about the third year of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2017-2018.

Article 4.5 Elective subjects, minors, studying abroad
For the general rules, see Article 3.2, paragraph 6 of Section A.

Students of Actuarial Science can use the first semester of the third year to follow a minor or study abroad for one semester. Prior to the commencement of this semester, the student should contact the programme director in order to discuss how the obligation to follow the course on Mathematical and Empirical Finance can be met. The replacement course should be put to the Examinations Board for approval. The latter will consider the programme director’s recommendations in its decision.

Article 4.6 Thesis
1. The Bachelor’s thesis is written within a thesis seminar specific to the major. The course catalogue describes in what way the activities within the seminar influence the thesis grade.
2. More detailed rules on content, supervision and grading of the thesis can be found in the course catalogue and in the syllabus of the thesis seminar.

Article 4.7 Chronological sequence of units of study
See Article 3.2 paragraph 9 in Section A.

Article 4.8 Signing up for examinations
See Article 3.2 paragraph 7 in Section A.
Article 4.9 Participation in practical exercise and tutorials
See Article 3.2 paragraph 9 in Section A.

Article 4.10 Maximum exemption
See Article 4.7 in Section A.

Article 4.11 Validity period for results
See Article 4.8 in Section A.

Article 4.12 Degree
See Article 4.11 paragraph 3 in Section A.

Article 4.13 List of courses
All courses carry 6 EC credits unless stated otherwise.

1st year of study

English programme

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0172</td>
<td>Finance for AEO</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0168</td>
<td>Probability Theory and Statistics 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0173</td>
<td>Probability Theory and Statistics 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0167</td>
<td>Macro-economics for AEO</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0169</td>
<td>Micro-economics for AEO</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0170</td>
<td>Introduction Econometrics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6011P0175</td>
<td>Introduction Actuarial Science and OR</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6011P0174</td>
<td>Programming and Numerical Analysis</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0166</td>
<td>Mathematics 1: Calculus</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0171</td>
<td>Mathematics 2: Linear Algebra</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

2nd year of study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0374</td>
<td>Econometrics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0376</td>
<td>Empirical Project</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0350</td>
<td>Life Insurance Mathematics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0375</td>
<td>Mathematical Economics 1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0370</td>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0373</td>
<td>Mathematics 4: Multivariable Analysis and Constrained Optimization</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0372</td>
<td>Operations Research 1</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
For more information about the third year of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2017-2018.

5. Electives

Article 5.1. Minors
See Article 3.2 paragraph 6 in Section A.

Article 5.2. Electives
Electives must conform to Article 3.2, paragraph 6 of Section A. This means that courses offered within a different major than the one being taken are also suitable as electives.

6. Honours programme

Article 6.1 – Honours programme
See Article 5.1 paragraph 2 of Section A.

7. Academic student counselling and advice regarding continuation of studies

Article 7.1 Academic student counselling
See Article 6.1 in Section A.

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive a positive advice regarding continuation of studies, a student must obtain at least 48 EC credits from the first-year degree programme by the end of the first year of enrolment in the programme.
2. Students who have not met the standard for a positive advice at the end of the first year of enrolment, but who have received written permission from the Dean to continue the degree programme, will receive a new advice at the end of the next year of study, subject to the standard of 48 EC credits that must be obtained in the academic year.
3. Students who receive a binding negative advice regarding the continuation of studies cannot enrol in the following Bachelor’s programmes offered by the Faculty during the following three academic years: Actuarial Science and Econometrics and Operational Research.

8. Transitional and final provisions

Article 8.1 Amendments to and periodic review of Section B
1. Any amendment to Section B of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

**Article 8.2 Transitional provisions**

Students who started the Bachelor’s programme in Actuarial Science prior to 1 September 2017 and have yet to pass the old course should follow the new course (see table). This transitional provision applies only to students who are following the Dutch-language programme; this transitional provision does not apply to students who will follow the English-language programme.

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiskunde 3 (6012B0291)</td>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization (6012B0370)</td>
</tr>
<tr>
<td>Inleiding Levenactuariaat (6012B0283)</td>
<td>Life Insurance Mathematics (6012B0350)</td>
</tr>
<tr>
<td>Kansrekening en Statistiek 1 (6011B0099)</td>
<td>Kansrekening en Statistiek 1 (6011P0280)</td>
</tr>
<tr>
<td>Kansrekening en Statistiek 3 (6012B0286)</td>
<td>Probability Theory and Statistics 3 (6012B0371)</td>
</tr>
<tr>
<td>Operationele Research 1 (6012B0288)</td>
<td>Operations Research 1 (6012B0372)</td>
</tr>
<tr>
<td>Wiskunde 4 (6012B0292)</td>
<td>Mathematics 4: Multivariable Analysis and Constrained Optimization (6012B0373)</td>
</tr>
<tr>
<td>Econometrie 1 (6012B0285)</td>
<td>Econometrics 1 (6012B0374)</td>
</tr>
<tr>
<td>Operationele Research 2 (6012B0289)</td>
<td>Operations Research 2 (6012B0377)</td>
</tr>
<tr>
<td>Schade Actuariaat (6012B0284)</td>
<td>Risk Theory (6012B0351)</td>
</tr>
<tr>
<td>Wiskundige Economie 1 (6012B0290)</td>
<td>Mathematical Economics 1 (6012B0375Y)</td>
</tr>
<tr>
<td>Empirisch Project (6012B0333)</td>
<td>Empirical Project (6012B0376Y)</td>
</tr>
</tbody>
</table>

**Article 8.3 Publication**

1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

Section B of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of Economics and Business on 28 June 2017

Advice from the Board of Studies, Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Section B2: programme-specific section BSc Business Administration

1. General provisions

Article 1.1 Definitions
This article of the model OER is not applicable.

Article 1.2 Degree programme information
1. The Bachelor’s programme Business Administration has CROHO code 50897. It is a full time degree programme.
2. A teaching unit consists of 6 EC, or an integer multiple of this.
3. The programme will be taught in the English language, while in the first year tutorials will also be offered in Dutch within the limit of available Dutch speaking teaching capacity.
4. The Business Administration degree programme does not admit flexible learning students.

2. Programme objectives and Intended Learning Outcomes

Article 2.1 Programme objective
The BSc programme in Business Administration educates students to operate at an academic level of thinking. The programme regards business administration as a multidisciplinary scientific field of study. In line with this, students acquire knowledge of the scientific literature of business administration as well as of related disciplines needed to successfully address and solve business problems. Students also receive training in methods and skills to apply their knowledge in practice and are thus prepared to work in professions in which such knowledge is needed. In the programme, knowledge and skills are closely linked to each other during the different project courses offered in each of the first four semesters.

Courses around the four topics organization, economy, people, and methods form the multidisciplinary foundational part of the programme (year 1). These topics are applied to the different functional business fields such as marketing, accounting, or finance (year 2 semester 1). Knowledge of the different business functions is integrated and combined in the integrative courses around the themes of innovation, international management, and information & data management (year 2 semester 2). The first two years of the programme provide a broad basic education in business administration. After that, the programme offers students the opportunity for both broadening and deepening their knowledge (year 3). The extensive specialisation at the end of the programme (year 3 semester 2) provides students with advanced knowledge in one area of business administration of their choice thus preparing students adequately for different master’s programmes as well as giving them a distinctive profile for the job market.

Article 2.2 Intended Learning Outcomes
The Dublin Descriptors distinguish between five categories of learning outcomes that students need to meet at the end of their bachelor’s programme. Upon completion of the programme, students need to have acquired: knowledge and understanding in their field of study, the ability to apply this knowledge and understanding, the ability to make informed judgements, the ability to communicate adequately, and the ability to learn autonomously. This bachelor’s programme in business administration builds its learning outcomes around the five Dublin descriptors.
Knowledge and understanding
Upon successful completion of the programme, students have knowledge and understanding of:
- The fields of economics, psychology, and law in relation to business administration;
- Designing and conducting business research;
- Discipline related global issues and trends.
Upon completion of the programme, students also have basic knowledge and understanding of:
- Main problems and theories in the area of the different functional (e.g., marketing, accounting) as well as integrative business administration fields (e.g., innovation management, information management)
Upon completion of the programme, students also have advanced knowledge and understanding of:
- Advanced problems and theories in the area of their specialisation (management studies, accountancy & control, finance, entrepreneurship & digital business).

Application of knowledge and understanding
Upon completion of the programme, students have the ability to:
- Apply business administration theories and knowledge to actual business problems and provide solutions to these problems;
- Design and conduct business research at an academic level.

Making informed judgement
Upon completion of the programme, students have the ability to:
- Analyse and critically evaluate business information to take business decisions, also considering ethical aspects and the importance of culture and context in decision making;
- Effectively use relevant ICT to collect and analyse business information to make informed judgements.

Communication
Upon completion of the programme, students have the ability to communicate verbally and in written about their understanding, skills, and activities, with colleagues as well as laypeople.

Learning skills
Upon completion of the programme, students have the ability to:
- Learn and work effectively and efficiently;
- Learn and work both autonomously and in teams.
- The ability to collaborate in an international environment.

3. Admission

Article 3.1 Additional previous education requirements
1. The following requirements are grounds for admission to the programme:
   a. A Dutch student is admissible to the programme on the basis of a VWO degree, including Mathematics A or B.
   b. A student with an ‘HBO’ (higher professional education) diploma or who has completed the first year of an ‘HBO’ programme, and who can demonstrate sufficient command of Mathematics and English, is admissible to the programme.
   c. An EU-student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B and English. There are no extra Mathematics requirements.
   d. A non-EU-student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B. Non-EU students may also need to pass a Mathematics test provided by the Faculty, and provide a GPA-score. Applications of students from non-EU member countries seeking admittance to the programme will be judged individually by the Admissions Office of the Faculty.
Article 3.2 Colloquium doctum
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
   b. Mathematics B or Mathematics B.
2. The proof that the entrance examination (colloquium doctum) has been passed provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken only.

Article 3.3 Language requirements
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website, www.uva.nl
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   - TOEFL test: minimum score of 92, at least 20 for every interim score (237 computer/580 paper test, report number 0398)
   - IELTS test: minimum score of 6.5, at least 6 for every interim score
   - Cambridge International Examinations: minimum scores A (First - FCE), A/B/C (Advanced - CAE), A/B/C (Proficiency - CPE).

Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.

Article 3.4 Switch arrangement
1. Students who are enrolled in the first year of the Bachelor’s programme Business Administration are allowed to switch to the Bachelor’s programme Economics and Business Economics, or vice versa, in the first year of enrolment, only before period (period) 2.
   Students must contact the study advisor before the start of period 2 at its latest.
2. Regulations for the study programme in case of a switch from the Bachelor’s programme to Economics and Business Economics to Business Administration:
   - Credits and grade for the course Principles of Economics & Business 1 (6 EC) will be transferred.
   - Credits and grade for the course Financial Accounting 1 for Economics (6 EC) will be transferred and will count as and replace the first-year course Financial Accounting 1 for Business in the Business Administration programme.
   - The course Strategy & Organisation must be taken in year 2 or 3 or in block 5 in year 1. Only for first year students who have made the switch to the BSc Business Administration and who have passed Financial Accounting 1 for Economics in the first period, Strategy & Organisation will be offered extra, with limited teaching support, in block 5 in year 1.
3. When the student has switched to the other programme as of period 2, it is not allowed to switch back to the first programme before the start of the next academic year.
4. Curriculum structure

Article 4.1 Composition of programme
The programme consists of the following components:
- academic development
- major/compulsory units of study
- electives
- thesis

Article 4.2 Academic development
Academic development is incorporated in the programme through the exit qualifications with respect to skills and attitudes as referred to in Article 2.2.

Article 4.3 Units of study
This article of the model OER is not applicable.

Article 4.4 Curriculum
The bachelor programme Business Administration consists of a common part of two years and a specialisation part of one year.

1st year of study:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Principles of Economics and Business 1</td>
<td>Quantitative Data Analysis 1</td>
</tr>
</tbody>
</table>

Project: Qualitative Research Methods & Analysis

2nd year of study:*  

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Marketing</td>
<td>Finance 1</td>
</tr>
<tr>
<td>Management Accounting 1 for Business</td>
<td>Quantitative Data Analysis 2</td>
</tr>
</tbody>
</table>

Project: Company Assignment

3rd year of study:*  

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Minor at another Faculty, or Studying abroad, or Company Internship, or Minor at UvA EB</td>
<td>Specialisation*</td>
</tr>
<tr>
<td></td>
<td>Specialisation</td>
</tr>
</tbody>
</table>

Thesis (6 EC)
* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

All courses will be worth 6 European credits (EC). Minor programmes account for 30 EC. The programme of the specialization track consists of a thesis and of four teaching units of the specialisation.

Research Credits
As compulsory part of the programme students have to participate for at least 10 hours in research projects that are offered by the programme. By participating in business research projects students acquire insights into scientific research practices and practical experience of how to conduct empirical research. These 10 research credits (equalling ten hours of participation in business research projects offered by the programme) have to be attained before the start of the bachelor’s thesis and form an entry requirement for the bachelor’s thesis.

Students can choose one of the following specialisations:
Students need to follow all four courses in year 3 semester 2 and their thesis in their area of specialisation. It is not possible to mix courses of different specialisations. The four specializations and the corresponding courses are:
- Entrepreneurship & Digital Business: Cases in Entrepreneurship, Intrapreneurship, Startup Psychology, Digital Business
- Finance: Investment and Portfolio Theory 1, Investment and Portfolio Theory 2, Econometrics, Corporate Finance

Article 4.5 Electives
General provisions for electives are made in article 3.2.6 of part A of these Regulations.

Students can fill 30 EC of their third year to take a minor or to study abroad.

Article 4.6 Thesis
Rules and regulations about content, supervision and assessment of the thesis can be found in the Study Guide.

Article 4.7 Chronological sequence of units of study
See Article 3.2 paragraph 9 in Section A.

Article 4.8 Signing up for examinations
See Article 3.2 paragraph 7 in Section A.

Article 4.9 Participation in practical exercise and tutorials
See Article 3.2 paragraph 9 in Section A.

Article 4.10 Maximum exemption
See Article 4.7 in Section A.

Article 4.11 Validity period for results
See Article 4.8 in Section A.

Article 4.12 Degree
See Article 4.11 paragraph 3 in Section A.
Article 4.13 List of courses
All courses carry 6 EC credits unless stated otherwise.

Studiejaar 1*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0203</td>
<td>Strategy &amp; Organisation</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0200</td>
<td>Principles of Economics and Business 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0212</td>
<td>Principles of Economics and Business 2</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6011P0206</td>
<td>Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0209</td>
<td>Business Research Methods</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0215</td>
<td>Organisational Behaviour</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0218</td>
<td>Quantitative Data Analysis 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0221</td>
<td>Business Operations &amp; Processes</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0224</td>
<td>Financial Accounting 1 for Business</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0227</td>
<td>Project: Qualitative Research Methods &amp; Analysis</td>
<td>4, 5, 6</td>
<td></td>
</tr>
</tbody>
</table>

* First-year courses in the BSc Business Administration degree programme are only accessible to students in possession of a valid registration for the BSc Business Administration or BSc Economie en Bedrijfskunde/BSc Economics and Business degree programmes.

Studiejaar 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012Bxxxx</td>
<td>Marketing</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Management Accounting 1 for Business</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Quantitative Data Analysis 2</td>
<td>2</td>
<td>Quantitative Data Analysis 1</td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Project: Quantitative Research Methods &amp; Analysis</td>
<td>1,2,3</td>
<td>Quantitative Data Analysis 1</td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Innovation Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Information &amp; Data Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>International Management</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Business Law &amp; Ethics</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Project: Company Assignment</td>
<td>4,5,6</td>
<td>Strategy &amp; Organisation, Marketing, Finance</td>
</tr>
</tbody>
</table>
**Vakken Minor Amsterdam Data Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0414</td>
<td>Algorithms and Data Structures in Python</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0412</td>
<td>Law &amp; Ethics (3 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0417</td>
<td>Data Wrangling</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0413</td>
<td>Statistics &amp; Econometrics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Machine Learning</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0415</td>
<td>Databases &amp; Data Visualisation</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Jaar 3 – Specialisatie**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013Bxxxx</td>
<td>Minor / Electives / Internationalisation</td>
<td>1,2,3</td>
<td>First year successfully finished (entry requirement not yet decided for the electives)</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Specialisation</td>
<td>4</td>
<td>Successfully finished corresponding courses:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Finance: Finance, Financial Accounting 1 for Business;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Accountancy &amp; Control: Financial Accounting 1 for Business, Management Accounting 1 for Business;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Management Studies: Strategy &amp; Organisation, Marketing, Organisational Behaviour;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Entrepreneurship &amp; Digital Business: Innovation Management, Information &amp; Data Management</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Thesis</td>
<td>4,5,6</td>
<td>≥120 EC behaald (waaronder ook het vak Project: Quantitative Research Methods &amp; Analysis) en first studiejaar afgerond + 10 Research credits.</td>
</tr>
</tbody>
</table>

** Courses of specialisations:**
- **Finance**: Investment & Portfolio Theory 1, Investment & Portfolio Theory 2, Corporate Finance, Econometrics;
- **Accountancy & Control**: Financial Accounting 2, Financial Accounting 3, Accounting Information Systems, Management Accounting 2;
- **Management Studies**: Advanced Strategy, Advanced Marketing, Leadership & Management, E-Research;

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** the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

Article 4.14 Major programmes
1. The following major programmes are offered:
   - Bedrijfskunde for students in the Beta-gamma Bachelor’s degree programme (Dutch).
   - Bedrijfskunde for students in the Future Planet Studies Bachelor’s degree programme (English)
2. To start a major, students must have obtained at minimum 48 EC credits from the first year of the Bachelor’s degree programme. Students in a major programme do not have to meet the entry requirements of the courses offered at the EB.
3. This Article of the model OER is not applicable.
4. This Article of the model OER is not applicable.
5. For students who started a major before September 2013, the programmes apply as set down at the start of the major. If components lapse or are changed as a result of changes to the regular Bachelor’s degree programme, a transitional arrangement will be made for major students if necessary.
6. The major programme can be found as an appendix to Section B of the OER of the Bachelor degree programme of the major student.

5. Electives

Article 5.1 Minors
See article 3.2 paragraph 6 in Section A.

Artikel 5.2 Electives
Electives must conform to Article 3.2, paragraph 6 of Section A. See the course catalogue for recommended electives (www.studiegids.uva.nl).

6. Honours programme

Article 6.1 Honours programme
See Article 5.1 paragraph 2 of Section A.

7. Academic student counselling and advice regarding continuation of studies

Article 7.1 Academic student counselling
See Article 6.1 in Section A.

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To obtain a positive study advice at the end of the first year of the programme, a student must fulfil the following requirements: 48 EC obtained in the current academic year for courses of the first year of the Bachelor’s programme in Business Administration;
2. A student that has not fulfilled the requirements of subsection 1 at the end of the first year of enrolment may obtain written permission by the Dean to continue in the programme. This student will receive again binding study advice at the end of the second year, based on the requirements of subsection 1.
3. A student that has obtained a negative study advice is not allowed to enroll, for a period of three years, in the Bachelor’s programme Business Administration offered by UvA.
4. Students that have enrolled in the Bachelor’s programme Economics & Business Economics for the first period and who switch to the Bachelor’s programme Business Administration as of period 2 (see article 7.3 for rules concerning this switch) will obtain a positive study advice for the Bachelor’s programme Business Administration, and the right to enroll in that programme for the next academic year, if 48 EC are obtained in the current academic year for courses from the first year of the
programme in Business Administration and from the first period of the first year of the programme in Economics and Business Economics.

8. Transitional and final provisions

Article 8.1 Amendments to and periodic review of Section B
1. Any amendment to Section B of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Artikel 8.2 Transitional provisions
BSc Business Administration is a new Bachelor’s programme, there are no transitional provisions. For students that started before 01 September 2017 with BSc Economics and Business the transitional provisions are stated in Article 8.2 of part B4: Economics and Business.

Article 8.3 Publication
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

Article 8.4 Effective date
Section B of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of Economics and Business on 28 June 2017

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Section B3: programme-specific section BSc Econometrics and Operational Research


Article 1.1 Definitions
This article of the model OER is not applicable.

Article 1.2 Degree programme information
1. The degree programme in Econometrics and Operational Research (CROHO number 56833) is provided as a full-time programme. There is a Dutch-language and an English-language version of the degree programme. Participation in the English-language version of the degree programme is optional in the first year. In 2017-2018, the second year of this degree programme will be held entirely in English and the third year will be held entirely in Dutch. From 2018-2019, both the second and third years of this degree programme will be held entirely in English.
2. The Econometrics and Operational Research degree programme admits flexible learning students. For 2017-2018, a maximum of 25 flexible learning students will be admitted to this degree programme.

2. Programme objectives and exit qualifications

Article 2.1 Programme objective
The aim of the degree programme is to train students to think and work at an academic level. To this end, students acquire knowledge and skills on the different concepts and methods, as well as the underlying literature in the disciplines of econometrics and operational research and management (ORM). As such, they are trained for positions in business, policy or research that require them to work with an academic-level knowledge of econometrics and ORM. Within the degree programme, the academic foundations are laid for the practice of professions in which statistical and mathematical methods are used to analyse and solve general problems or problems pertaining to business economics. For this, it is essential to have an in-depth knowledge of mathematics and probability and statistics. Depending on the chosen version, the programme also prepares students for the Master’s programme in Econometrics.

Within econometrics, measurements of economic variables, mathematically-formulated economic models and statistical methods are combined in order to quantify economic relationships. This knowledge can be used in order to apply economic theories in practice, predict future developments or design strategic policy in order to bring about desired outcomes (by the government, central bank, the management of a company, etc.).

Within operational research and operational management, the focus is on solving logistical and operational problems using quantitative methods and optimisation techniques. Broadly, three aims can be distinguished:
1. the identification of practical problems that can tackled using ORM methods and models;
2. the ability to convert these problems into mathematical or relational models that can be analysed quantitatively and qualitatively using ORM knowledge, insights and techniques;
3. both analytically and with the aid of software, to use these methods and techniques and translate the results back to the practical or theoretical problems.

Article 2.2 Exit qualifications
There are three categories of exit qualifications:
1. Knowledge
2. Skills
3. Attitude

1. Exit qualifications in terms of knowledge
The student should develop knowledge and understanding of the problem areas and practical application fields encountered in econometrics and ORM, the methods and techniques available for this and the way in which these can be implemented and applied. Understanding problems means that the graduate is able to analyse problems using theoretical concepts, as well as able to take a critical approach to chosen solutions to problems in theory and practice. Students should be able to apply this knowledge and understanding both nationally and internationally.

With regard to substantive knowledge, a distinction is made between three levels:
- level A: introductory knowledge
  Concerns knowledge of basic concepts, standard theories and general insights in the discipline. This also includes insight into the relevance of a field for the degree programme as a whole;
- level B: basic knowledge
  Concerns a thorough knowledge of the major lines of thought in the discipline. Usually paired with a more detailed study of practical examples;
- level C: extensive knowledge
  At this level, basic knowledge is extended with knowledge of alternative lines of thought within the discipline. The student also learns to apply this knowledge at an academic level.

1. On completion of the degree programme, students have the following knowledge:
   K1. Level A knowledge of microeconomics, macroeconomics and finance;
   K2. Level B knowledge of mathematical and statistical methods, to the extent that these are used in econometrics and operational research: linear algebra, calculus, optimisation, differential and difference equations, probability, descriptive statistics and mathematical statistics;
   K3. Level B knowledge of econometrics and operational research;
   K4. Level B knowledge of quantitative finance;
   K5. Knowledge of, and insight into, global issues and trends within the field.

Furthermore, depending on the selected major:

for Econometrics:
   K6. Level C knowledge of econometrics and mathematical economics. For econometrics, this includes the linear regression model and the standard least squares method, as well as the most common extensions of these (generalised least squares, non-linear regression models, maximum likelihood, instrumental variables). For mathematical economics, this covers the theory of consumption and production behaviour, market forms and game theory.

for Operational Research and Management:
   K7. Level C knowledge of operational research. This concerns linear, integer and non-linear programming, dynamic programming, network theory, simulation, queueing theory and combinatorial optimisation;
   K8. Level C knowledge of operational management. On the one hand this concerns methods such as project management, line balancing and MRP, and more broadly the many questions and methods in the area of aggregated planning and supply management;
   K9. for both operational research and operational management, level C knowledge of the various application areas and accompanying problems.

2. On completion of the degree programme, students have the following skills:
   S1. the ability to translate a practical problem into a problem that can be analysed using methods from econometrics and operational research, and to translate the results of such analyses back to the practical situation;
   S2. the ability to use the relevant sources in the literature;
S3. the ability to use modern information technology; this includes use of standard software packages and a programming language, and use of the Internet as a source of information;
S4. the ability to report orally and in writing in a precise and clear way, both to colleagues and those outside the discipline;
S5. the ability to interpret the results of econometric and/or operational research and management analyses, to distinguish the role played by hypotheses in these, and, where possible, to verify such hypotheses empirically.
S6. The ability to collaborate in an international environment.

3. On completion of the programme, students have the following attitude:
   A1. a primarily quantitative and analytical approach to practical social or commercial problems;
   A2. an awareness of the social context in which the profession is practised; this includes the social role of policy recommendations based on econometric and/or operational research and management analyses (both in government and the private sector);
   A3. the ability both to function independently and to work constructively in a team;
   A4. a multidisciplinary approach.
   A5. An awareness of the importance of culture and context in the decision-making process.

3. Further admission requirements

Article 3.1 Additional previous education requirements
Admission to the degree programme is possible on the basis of:
a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
b. an HBO (higher professional level) diploma or completion of the first academic year of an HBO degree programme as well as demonstrable understanding of the English language and mathematics at pre-university level, as described in the preceding paragraph.
2. an EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B. No supplementary mathematics requirements apply.
3. a non-EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B, a passed mathematics assessment set by the Faculty of EB and a GPA score. Students from non-EU countries are required to submit their application to the Faculty Admissions Office; each application is assessed individually.

Article 3.2 Entrance examination (colloquium doctum)
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
2. The proof that the entrance examination (colloquium doctum) has been passed provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken only.

Article 3.3 Language requirements
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website, www.uva.nl
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
4. **Curriculum structure**

**Article 4.1 Composition of programme**
The programme consists of the following components:
- a. academic development
- b. major/compulsory units of study
- c. electives
- d. thesis

**Article 4.2 Academic development**
Academic development is incorporated in the programme through the exit qualifications with respect to skills and attitudes as referred to in Article 2.2.

**Article 4.3 Units of study**
This article of the model OER is not applicable.

**Article 4.4 Curriculum**
The first year of the English-language programme is structured as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Macroeconomics for AEO</td>
<td>Microeconomics for AEO</td>
</tr>
</tbody>
</table>

Second-year curriculum of the English programme:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Life Insurance Mathematics</td>
<td>Operations Research 1</td>
</tr>
</tbody>
</table>

For more information on the third year of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2017-2018.
Article 4.5 Elective subjects, minors, studying abroad
For the general rules, see Article 3.2, paragraph 6 of Section A.

1. Students of Econometrics and Operational Research and Management can use the second semester of the third year to follow a minor or spend a semester studying abroad. In this case, they can complete the Bachelor’s thesis seminar and the thesis in semester 1, periods 1 + 2 (Econometrics) or 2+ 3 (Operational Research and Management).
2. For students taking the BSc in Econometrics and Operational Research, if they do not fill the elective subjects with a minor or partly with study abroad, they should follow a minimum of three units of study of elective subjects at the Faculty of Economics and Business Administration.

Article 4.6 Thesis
1. The Bachelor’s thesis is written within a thesis seminar specific to the major. The course catalogue describes in what way the activities within the seminar influence the thesis grade.
2. More detailed rules on content, supervision and grading of the thesis can be found in the course catalogue and in the syllabus of the thesis seminar.

Article 4.7 Chronological sequence of units of study
See Article 3.2 paragraph 9 in Section A.

Article 4.8 Signing up for examinations
See Article 3.2 paragraph 7 in Section A.

Article 4.9 Participation in practical exercise and tutorials
See Article 3.2 paragraph 9 in Section A.

Article 4.10 Maximum exemption
See Article 4.7 in Section A.

Article 4.11 Validity period for results
See Article 4.8 in Section A.

Article 4.12 Degree
See Article 4.11 paragraph 3 in Section A.

Article 4.13 List of courses
All courses carry 6 EC credits unless stated otherwise.

1st year of study

English programme

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0172</td>
<td>Finance for AEO</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0168</td>
<td>Probability Theory and Statistics 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0173</td>
<td>Probability Theory and Statistics 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0167</td>
<td>Macro-economics for AEO</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0169</td>
<td>Micro-economics for AEO</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0170</td>
<td>Introduction Econometrics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6011P0175</td>
<td>Introduction Actuarial Science and OR</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6011P0174</td>
<td>Programming and Numerical Analysis</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
2nd year of study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0374</td>
<td>Econometrics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0376</td>
<td>Empirical Project</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0350</td>
<td>Life Insurance Mathematics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0375</td>
<td>Mathematical Economics 1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0370</td>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0373</td>
<td>Mathematics 4: Multivariable Analysis and Constrained Optimization</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0372</td>
<td>Operations Research 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0377</td>
<td>Operations Research 2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0371</td>
<td>Probability Theory and Statistics 3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0351</td>
<td>Risk Theory</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

For more information about the third year of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2017-2018.

5. Electives

Article 5.1. Minors
See Article 3.2 paragraph 6 in Section A.

Article 5.2. Electives
Electives must conform to Article 3.2, paragraph 6 of Section A. This means that courses offered within a different major than the one being taken are also suitable as electives.

6. Honours programme

Article 6.1 – Honours programme
See Article 5.1 paragraph 2 of Section A.

7. Academic student counselling and advice regarding continuation of studies

Article 7.1 Academic student counselling
See Article 6.1 in Section A.
Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive a positive advice regarding continuation of studies, a student must obtain at least 48 EC credits from the first-year degree programme, including the course Mathematics 1: Single-Variable Calculus, by the end of the first year of enrolment in the programme.
2. Students who have not met the standard for a positive advice at the end of the first year of enrolment, but who have received written permission from the Dean to continue the degree programme, will receive a new advice at the end of the next year of study, subject to the standard of 48 EC credits and Mathematics 1: Single-Variable Calculus that must be obtained in the academic year.
3. Students who receive a binding negative advice regarding the continuation of studies cannot enrol in the following Bachelor’s programmes offered by the Faculty during the following three academic years: Actuarial Science and Econometrics and Operational Research.

8. Transitional and final provisions

Article 8.1 Amendments to and periodic review of Section B
1. Any amendment to Section B of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 8.2 Transitional provisions
Students who started the Bachelor’s degree in Econometrics and Operational Research before 1 September 2017 and have not yet passed the old course should follow the new course (see table). This transitional rule applies only to students who are following the Dutch-language programme. This transitional rule does not apply to students who are going to follow the English-language programme.

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiskunde 3 (6012B0291)</td>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization (6012B0370)</td>
</tr>
<tr>
<td>Inleiding Levenactuariaat (6012B0283)</td>
<td>Life Insurance Mathematics (6012B0350)</td>
</tr>
<tr>
<td>Kansrekening en Statistiek 1 (6011B0099)</td>
<td>Kansrekening en Statistiek 1 (6011P0280)</td>
</tr>
<tr>
<td>Kansrekening en Statistiek 3 (6012B0286)</td>
<td>Probability Theory and Statistics 3 (6012B0371)</td>
</tr>
<tr>
<td>Operationele Research 1 (6012B0288)</td>
<td>Operations Research 1 (6012B0372)</td>
</tr>
<tr>
<td>Wiskunde 4 (6012B0292)</td>
<td>Mathematics 4: Multivariable Analysis and Constrained Optimization (6012B0373)</td>
</tr>
<tr>
<td>Econometrie 1 (6012B0285)</td>
<td>Econometrics 1 (6012B0374)</td>
</tr>
<tr>
<td>Operationele Research 2 (6012B0289)</td>
<td>Operations Research 2 (6012B0377)</td>
</tr>
<tr>
<td>Schade Actuariaat (6012B0284)</td>
<td>Risk Theory (6012B0351)</td>
</tr>
</tbody>
</table>
Article 8.3 Publication
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

Article 8.4 Effective date
Section B of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of Economics and Business on 28 June 2017

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Section B4: programme-specific section for BSc in Economics and Business

Please note that as of the 2017-2018 academic year, it will no longer be possible to register for this Bachelor’s degree programme. Students who started this Bachelor’s degree programme in the 2016-2017 academic year or earlier must complete the programme by 31-8-2021 at the latest.

1. General provisions

Article 1.1 Definitions
This article of the model OER is not applicable.

Article 1.2 Degree programme information
1. The programme Economics and Business, CROHO number 50905, is offered on a full-time basis. The bachelor programme has a Dutch and an English version. Participation in the English-language programme of the Bachelor’s programme is selective.
2. The programme includes the following majors:
   - Economics
   - Accountancy and Control
   - Finance and Organisation
   - Economics and Finance
   - Business Administration
2. The Economics and Business degree programme admits flexible learning students. For 2017-2018, a maximum of 70 flexible learning students will be admitted to this degree programme.

Article 1.3 Starting the degree programme
It will not be possible to start this degree programme after 31-8-2017.

Article 1.4 Termination of degree programme
This degree programme will end on 31-8-2021.

2. Programme objectives and exit qualifications

Article 2.1 Programme objective
The programme is aimed at developing an academic level of professional and intellectual ability. Students acquire knowledge of the scientific literature in the field of economics and business and receive training in the methods and skills to apply this knowledge. Students are thus prepared for professions that put this knowledge into practice.

Economic science broadly entails studying processes and institutions involved in the appropriation and distribution of scarce, alternatively appropriable means. Business administration is concerned with business and management in the private and public sectors.

The various majors within this programme are focused on various sub-aspects of these general problems. The Economics major focuses primarily on general economics subjects, concentrating on the theory and practice of allocation through markets and government institutions. The majors Accountancy & Control and Financing & Organisation focus primarily on business economics subjects and examine the performance of businesses based on economic theory, both internally and in the context in which they operate. The major in Economics and Finance focuses on both general economics and business economics subjects. The major in Business Administration focuses on the functioning of businesses and their management, and draws on insights from various scholarly disciplines in an integral and interdisciplinary approach to complex business problems and management. All graduates must combine a broad introductory knowledge of economics and business with core knowledge of the various areas of study within one of the five listed majors. The knowledge-related exit qualifications are therefore partially differentiated according to the major chosen by the student.
Article 2.2 Exit qualifications
There are three categories of exit qualifications:

a. Knowledge
b. Skills
c. Attitude

Knowledge-related exit qualifications:
The course provides knowledge and insight into both national and international economic and management issues. With this knowledge and insight the graduate is able to analyse such issues on the basis of theoretical concepts and to be critical with respect to solutions chosen for problems in theory and practice, and has acquired experience in proposing solutions of their own.

A distinction is drawn between three levels of substantive knowledge:

- Level A: introductory knowledge
  This concerns knowledge of the basic concepts, standard theories and general insights into economics in the broadest sense. It also includes orientation to the various majors and their related subject areas.

- Level B: basic knowledge
  This involves acquiring core knowledge of the various subject areas of the major and of the most important lines of thought within a subject area. This will often involve a closer study of practical examples.

- Level C: extensive knowledge
  At this level, core knowledge is further developed and supplemented by knowledge of alternative perspectives within the subject area. The student is also taught how to apply this knowledge at an academic level.

1. After successfully completing the degree programme, students have the following knowledge:

K1. Level A knowledge of consumer and producer theory, the operation of market forces, macro-economic processes and relationships, financial and management accounting, design and leadership of business organisations, marketing and strategy, and finance;

K2. Level A knowledge of the principles of mathematics and statistics, required for each of the separate majors;

K3. Level A knowledge of the general principles of philosophy of science and of methodological assessment criteria within economics in a broad sense;

Furthermore, depending on the chosen major:

For the major Accountancy and Control:

K4. Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;

K5. Level B knowledge of economic organisation theory, particularly the manner in which the market environment determines the choice of business strategy and how the business strategy and market environment influence the internal organisation;

K6. Level B knowledge of the way in which the financial administration is run in organisations;

K7. Level B knowledge of the outlines of private law, particularly property law and business law;

K8. Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;

K9. Level B knowledge of the most common statistical methods used in business economics;

K10. Level C knowledge of auditing, accounting information systems, external reporting and management accounting & control.

For the major Business Administration:

K11. Level B knowledge of the management of organisations, human behaviour in organisations, as well as the manner in which organisations determine and implement their strategy;
K12. Level B knowledge of the nature, objectives and effects of marketing activities in organisations;
K13. Level B knowledge of the way in which decisions are taken in organisations on investment and finance;
K14. Level B knowledge of the way in which operational processes in organisations can be analysed and improved;
K15. Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;
K16. Level C knowledge of at least two of the four subject areas of Human Resource Management, Marketing Management, Strategy and Organisation, and Entrepreneurship and Innovation in relation to focusing (‘strategy’), organising (‘design’) and implementing (‘execution’) of an organisation’s activities;
K17. Level B knowledge of insights from other areas of study that enable the student to broaden his or her knowledge of organisations, to increase his or her understanding of situations, and to communicate about it from various perspectives;
K18. Level B knowledge of the most common methods for research, data collection and analysis within business administration.

For the majors Economics and Economics & Finance:
K19. Level B knowledge of micro-economics, in particular market operations in a mixed economic order;
K20. Level B knowledge of macro-economic issues and the analysis methods used for these;
K21. Level B knowledge of the way in which funds are assigned through the budget mechanism, the way in which government decisions are made, and the influence of the government on economic decisions made by individuals;
K22. Level B knowledge of international trade theory and politics, exchange rates, international financial traffic and international economic institutions;
K23. Level B knowledge of economic organisation theory, competition issues and industrial organisation;
K24. Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;
K25. Level B knowledge of econometric research methods, in particular regression analysis;
K26. Level B knowledge of the mathematical techniques most commonly applied in general economics;
K27. Level B knowledge of game theory and relevant applications within the field;
K28. Level C knowledge of at least two of the following fields: macro-economics, micro-economics, international economic relations, economics of the public sector, monetary economics and financial institutions, industrial organisation, business financing, investment and portfolio theory.

For the major Finance and Organisation:
K29. Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;
K30. Level B knowledge of economic organisation theory, particularly the manner in which the market environment determines the choice of business strategy and how the business strategy and market environment influence the internal organisation;
K31. Level B knowledge of the way in which the financial administration is run in organisations;
K32. Level B knowledge of the outlines of private law, particularly property law and business law;
K33. Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;
K34. Level B knowledge of the role of money and credit, and of monetary and financial institutions in the economy;
K35. Level B knowledge of the most common statistical methods used in business economics;
K36. Level B knowledge of econometric research methods, in particular regression analysis;
K37. Level B knowledge of game theory and relevant applications within the field;
K38. Level C knowledge of investment and portfolio theory, business financing and economic organisation theory.

2. After successfully completing the programme, students have the following skills:
   S1. The ability to critically assess theories from various sub-disciplinary backgrounds, and to combine these to solve problems in the field of economics and/or business administration;
   S2. The ability to critically assess the soundness and relevance of academic research;
   S3. The ability to carry out applied or theoretical academic research, in which problems are analysed and avenues of solution are developed;
   S4. The ability to use modern ICT resources for source research, data processing, oral and written reporting;
   S5. The ability to construe and manage new information at an academic level;
   S6. The ability to develop new knowledge in a team;
   S7. The ability to report clearly and concisely, both orally and in writing;
   S8. The ability to communicate effectively with people working in organisations in other disciplines.

3. After successfully completing the programme, students will have the following attitude:
   A1. A multi-disciplinary attitude, demonstrated by an awareness that social issues can also be approached meaningfully from a non-primary (business) economic perspective;
   A2. The capacity both to function independently and to cooperate constructively within a team;
   A3. An awareness of the crucial role people play in the way organisations operate and change;
   A4. An awareness of the social context within which the practice of economics and business administration takes place.

3. Further admission requirements

Article 3.1 Additional previous education requirements
1. The following requirements are grounds for admission to the programme:
   a. A VWO diploma including Mathematics A (or Mathematics A1 and A2) and/or Mathematics B (or Mathematics B1);
   b. The completion of the first-year study programme of an HBO study programme and demonstrable knowledge of mathematics at VWO level, as set out above in this paragraph.
2. A deficiency regarding mathematical knowledge in the previous education can be compensated by the successful completion of an examination recognised by the Faculty in mathematics at the level of VWO Mathematics A.
3. In addition to the requirements in paragraph 1, students seeking admission to the English programme within the degree programme must:
   a. have successfully passed a mathematics test set by the Faculty;
   b. for students with a non-Dutch previous education: have demonstrable knowledge of sufficient proficiency in English as specified in Article 3.3, paragraph 2 of this Section.
4. Students who are admitted on the basis of paragraph 3 of this article do not have to fulfil Article 3.3, paragraph 1 of this Section.
5. Switching from the bachelor’s programme Economie en Bedrijfswetenschap (Dutch version) to Economics and Business (English version) is only possible from the first to the second year of the bachelor. The student needs to have obtained at least 60 EC of the first year with nominal study progress. The student needs to contact the Admissions Office of EB before 1 May, before the start of his/her second study year.

Article 3.2 Entrance examination (colloquium doctrinum)
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
a. English language proficiency;
b. Mathematics A or Mathematics B.

2. The proof that the entrance examination (*colloquium doctum*) has been passed provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken only.

**Article 3.3 Language requirements**

1. A student whose previous education was not in a Dutch-speaking country must demonstrate that he or she has sufficient proficiency in Dutch in order to follow academic higher education successfully. This requirement can be met through the successful completion of one of the following examinations:
   - the state examination for Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents mentioned in the list on the UvA website (www.uva.nl)

The proficiency requirement in English can be met by the successful completion of:
   - TOEFL test: minimum score 92, at least 20 on each sub-score (237 computer-based/580 paper-based test, reporting number 0398)
   - IELTS test: minimum score 6.5, at least 6 on each sub-score
   - Cambridge International Examinations: minimum scores A (FCE), B (CAE), B (CPE)

4. **Curriculum structure**

**Article 4.1 Composition of programme**

The programme consists of the following components:
   a. academic development
   b. major/compulsory units of study
   c. electives
   d. thesis

**Article 4.2 Academic development**

Academic development is incorporated in the programme through the exit qualifications with respect to skills and attitudes as referred to in Article 2.2.

**Article 4.3 Units of study**

This article of the model OER is not applicable.

**Article 4.4 Curriculum**

The first year of the Bachelor’s programme in Economics and Business is the same for all students. The second and third academic years of the Bachelor’s phase are specialised. Students select one of the following five majors:

1. Accountancy & Control (Dutch)
2. Bedrijfskunde (Business Administration)
3. Economie (Economics)
4. Economie en Financiering (Economics and Finance)
5. Financiering en Organisatie (Finance and Organisation)

The major Accountancy & Control is provided in the Dutch programme only. The four majors Business Administration, Economics, Economics and Finance, and Finance and Organisation are provided as part of both the Dutch-language and the English-language programmes.

Note that as of the 2017-2018 academic year, changes will be made to the curriculum of Economics and Business Administration (and Economics and Business) as a result of the launching of the new Bachelor’s in Business Administration and Economics & Business Economics in the 2017-2018 academic year.
Bachelor’s programme in Economics and Business, Year 1
The first year of the Bachelor’s programme comprises general compulsory components with a total workload of 60 EC credits.

First-year curriculum*:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Accounting</td>
</tr>
<tr>
<td>Marketing and Strategy</td>
<td>Microeconomics</td>
</tr>
</tbody>
</table>

* The first-year courses from the BSc Economie en Bedrijfskunde/Economics and Business will be cancelled as of the 2017-2018 academic year. Please refer to article 8.2 of this section B for the relevant transitional provisions.

Business Administration major, second-year curriculum:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Strategic Management</td>
<td>Finance</td>
</tr>
</tbody>
</table>

Business Administration major, third-year curriculum:
The third year of the Business Administration major includes general compulsory components with a total workload of 24 EC credits and elective components with a total workload of 36 EC credits. The third year of the English-language programme is made up as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Elective*</td>
<td>Elective*</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Recommended electives: Human Resource Management (period 1), Entrepreneurship and Innovation (period 2), Project 3: Quantitative Research (period 3).

Economics major, second-year curriculum:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Intermediate</td>
<td>Finance</td>
</tr>
</tbody>
</table>
Major in Economics, third year
The third Bachelor’s year of the major in Economics covers general compulsory components with a total study load of 18 credits, restricted elective courses with a total study load of at least 12 credits, and optional subjects with a total study load of no more than 30 credits. The third year is taught in English and is organised as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Elective*</td>
<td>Elective*,***</td>
</tr>
<tr>
<td>Econometrics</td>
<td>Elective* or Bachelor’s Thesis and Thesis Seminar Economics</td>
</tr>
</tbody>
</table>

* Students taking a major in Economics should fill the 12 ECs of restricted elective courses with courses from the following list:

- Public Economics
- Industrial Organisation
- International Trade and Investment
- Monetary and Fiscal Policy
- Behavioural Economics
- Development Economics
- Labour Economics
- Regulation, Regulatory Impact and Reform
- Transition Economics
- Political Economy: Dialectical Methodology

** Students can choose to fill an optional course component with a Thesis internship. This should be scheduled in the same period in which they start the Thesis seminar: that is to say, in period 2 if they are writing their Bachelor’s thesis in periods 2 and 3, and in period 5 if they are writing their thesis in periods 5 and 6.

Economics and Finance major, second-year curriculum
The second-year curriculum of the Economics and Finance major is equivalent to the second-year curriculum of the Economics major.
Economics and Finance major, third-year curriculum
The third-year curriculum of the Economics and Finance major includes general compulsory courses with a total workload of 48 EC credits and electives with a total workload of 12 EC credits. The third-year programme is made up as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>Advanced</td>
<td>Elective</td>
</tr>
<tr>
<td>Corporate</td>
<td></td>
</tr>
<tr>
<td>Finance</td>
<td></td>
</tr>
<tr>
<td>Econometrics</td>
<td>Elective</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Finance and Organisation major, second-year curriculum
The second year of the English-language programme is made up as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>Intermediate</td>
<td>Finance</td>
</tr>
<tr>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>Economics of</td>
<td></td>
</tr>
<tr>
<td>Markets and</td>
<td></td>
</tr>
<tr>
<td>Organisations</td>
<td>Money and</td>
</tr>
<tr>
<td></td>
<td>Banking</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Finance and Organisation major, third-year curriculum
The third Bachelor year of the Finance and Organisation major includes general compulsory components with a total workload of 30 EC credits and electives with a total workload of 30 EC credits. The third year is taught in English and is made up as follows:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>Advanced</td>
<td>Organisational</td>
</tr>
<tr>
<td>Corporate</td>
<td>Economics</td>
</tr>
<tr>
<td>Finance</td>
<td></td>
</tr>
<tr>
<td>Econometrics</td>
<td>Intermediate</td>
</tr>
<tr>
<td></td>
<td>Financial</td>
</tr>
<tr>
<td></td>
<td>Accounting 1</td>
</tr>
<tr>
<td></td>
<td>or Industrial</td>
</tr>
<tr>
<td></td>
<td>Organisation</td>
</tr>
</tbody>
</table>

**Article 4.5 Electives**
For general rules about electives see article 3.2 paragraph 6 of Section A.
Students may use one semester from the third year to take a minor or to study abroad. Only in the event that students use the allocated semester in this way can the compulsory curriculum be changed.

The following changes apply to each programme:

a. Accountancy & Control (semester 1): no changes;

b. Business Administration (semester 1): no changes. In the first semester of year 3, only electives will be offered. Rather than following electives, students can also follow a minor or spend a semester studying abroad.

c. Economics (semester 2): no changes;

d. Economics and Finance: within the nominal 3-year duration of the study programme, students do not have the option of following a minor or spending a semester studying abroad.


5. Taking a minor in a semester other than the one indicated in a programme as described in paragraph 4 may lead to a study completion delay. This will never be a reason for changing the compulsory part of the programme, offering extra examination opportunities or granting exemption from attendance or assignment requirements, even if the minor has been approved by the Examinations Board.

**Article 4.6 Thesis**

1. The Bachelor’s thesis is written within a thesis seminar specific to the major. The course catalogue describes in what way the activities within the seminar influence the thesis grade.

2. More detailed rules on content, supervision and grading of the thesis can be found in the course catalogue and in the syllabus of the thesis seminar.

**Article 4.7 Chronological sequence of units of study**

See Article 3.2 paragraph 9 in Section A.

**Article 4.8 Signing up for examinations**

See Article 3.2 paragraph 7 in Section A.

**Article 4.9 Participation in practical exercise and tutorials**

See Article 3.2 paragraph 9 in Section A.

**Article 4.10 Maximum exemption**

See Article 4.7 in Section A.

**Article 4.11 Validity period for results**

See Article 4.8 in Section A.

**Article 4.12 Degree**

See Article 4.11 paragraph 3 in Section A.

**Article 4.13 List of courses**

All courses carry 6 EC credits unless stated otherwise.

**1st year of study**

English programme

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0143</td>
<td>Academic English and Skills</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6011P0150</td>
<td>Accounting</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0165</td>
<td>Finance</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0153</td>
<td>Mathematics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0138</td>
<td>Macroeconomics</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
### 2nd and 3rd year of study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0347</td>
<td>Bachelor’s Thesis and Business Administration Thesis Seminar (12 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0348</td>
<td>Bachelor’s Thesis and Business Administration Thesis Seminar with Thesis Internship (18 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0324</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar (12 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2+3</td>
<td></td>
</tr>
<tr>
<td>6013B0325</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar with Thesis Internship (18 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2+3</td>
<td></td>
</tr>
<tr>
<td>6013B0345</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar (12 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2+3</td>
<td></td>
</tr>
<tr>
<td>6013B0346</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar with Thesis Internship (18 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2+3</td>
<td></td>
</tr>
<tr>
<td>6013B0326</td>
<td>Bachelor’s Thesis and Finance and Organisation Thesis Seminar (12 EC credits)</td>
<td>2+3</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6013B0327</td>
<td>Bachelor’s Thesis and Finance and Organisation Thesis Seminar with Thesis Internship (18 EC credits)</td>
<td>5+6</td>
<td>≥120 EC credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6012B0207</td>
<td>Advanced Corporate Finance</td>
<td>1</td>
<td>Financiering (6012B0217) or Finance (6012B0315) or Finance (384FINPV)</td>
</tr>
<tr>
<td>6012B0265</td>
<td>Behavioural Economics</td>
<td>5</td>
<td>Speltheorie (6012B0311)/Game Theory (6012B0220) of Micro-economics for AEO (6011P0169)/Micro-economie voor AEO (6011P0102)</td>
</tr>
<tr>
<td>6012B0305</td>
<td>Cases in Entrepreneurship</td>
<td>1+2</td>
<td>First-year completed and enrollment for the minor entrepreneurship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6012B0266</td>
<td>Corporate Governance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0336</td>
<td>Corporate Law</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0211</td>
<td>Corporate Social Responsibility</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>6012B0267</td>
<td>Cultural Industries</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0269</td>
<td>Development Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0268</td>
<td>E-Business</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0212</td>
<td>Econometrics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0213</td>
<td>Economic Methodology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0214</td>
<td>Economics of Markets and Organisations</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0215</td>
<td>Entrepreneurship and Innovation</td>
<td>1+2+3</td>
<td></td>
</tr>
<tr>
<td>6012B0304</td>
<td>Entrepreneurship in Practice</td>
<td>4+5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0341</td>
<td>Environmental Economics</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0315</td>
<td>Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0410</td>
<td>Financial Statement Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0220</td>
<td>Game Theory</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0222</td>
<td>Human Resources Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0223</td>
<td>Industrial Organisation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0224</td>
<td>Information Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0317</td>
<td>Intermediate Financial Accounting 1 (English)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0319</td>
<td>Intermediate Statistics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0320</td>
<td>International Money</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0232</td>
<td>International Trade and Investment</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0331</td>
<td>Economic Policy Analysis (Honours course)</td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0339</td>
<td>Intermediate Mathematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0341</td>
<td>Environmental Economics</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0315</td>
<td>Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0212</td>
<td>Econometrics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0213</td>
<td>Economic Methodology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0214</td>
<td>Economics of Markets and Organisations</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0215</td>
<td>Entrepreneurship and Innovation</td>
<td>1+2+3</td>
<td></td>
</tr>
<tr>
<td>6012B0304</td>
<td>Entrepreneurship in Practice</td>
<td>4+5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0317</td>
<td>Intermediate Financial Accounting 1 (English)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0319</td>
<td>Intermediate Statistics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0320</td>
<td>International Money</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0232</td>
<td>International Trade and Investment</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0331</td>
<td>Economic Policy Analysis (Honours course)</td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0339</td>
<td>Intermediate Mathematics</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

First-year completed and enrollment for the minor entrepreneurship

Intermediate Financial Accounting 1 (6012B0227) / (6012B0317) or Financial Accounting 1 for Economics (6011P0230)

Organisatie Psychologie (6012B0308) / Organisational Psychology (6012B0249)

Accounting (6011P0150) or Accounting (3842ACCPV)

Micro-economie (6011P0126) or Microeconomics (6011P0139) or Micro-economie voor AEO (6011P0102) or Principles of Economics (6012B0303)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0233</td>
<td>Investment and Portfolio Theory 1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Required: Financiering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(6011P0164) or Finance (6011P0165) or Finance (3842FINPV)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Strongly recommended: Financiering (6012B0217) or Finance (6012B0315)</td>
<td></td>
</tr>
<tr>
<td>6012B0234</td>
<td>Investment and Portfolio Theory 2</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Required: Financiering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(6011P0164) or Finance (6011P0165) or Finance (3842FINPV)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Strongly recommended: Financiering (6012B0217) or Finance (6012B0315)</td>
<td></td>
</tr>
<tr>
<td>6012B0275</td>
<td>Labour Economics</td>
<td>4</td>
</tr>
<tr>
<td>6012B0321</td>
<td>Macroeconomics</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Macroeconomics (6011P0138) + Microeconomics (6011P0139)/Microeconomics 1 (6011P0233) or Microeconomics for AEO (6011P0167) + Microeconomics for AEO (6011P0169) or Principles of Economics (6012B0303) + Mathematics (6011P0153) or Economics, Markets and Organisations 1 (3801EM1PV) + Mathematics (3842MATPV)</td>
<td></td>
</tr>
<tr>
<td>6012B0322</td>
<td>Management Accounting, Intermediate</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Management Accounting, Intermediate (English)</td>
<td></td>
</tr>
<tr>
<td>6012B0236</td>
<td>Management Accounting, Advanced</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Management Accounting, Intermediate (6012B0237) / (6012B0322)</td>
<td></td>
</tr>
<tr>
<td>6012B0323</td>
<td>Marketing (English)</td>
<td>2</td>
</tr>
<tr>
<td>6012B0239</td>
<td>Marketing Management</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Marketing (6012B0238 or 6012B0323)</td>
<td></td>
</tr>
<tr>
<td>6012B0324</td>
<td>Microeconomics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Microeconomics (6011P0139) or Microeconomics 1 (6011P0233) of Microeconomics for AEO (6011P0169) or Principles of Economics (6012B0303) or [Economics, Markets and Organisations 1 (3801EM1PV) + Mathematics (3842MATPV)]</td>
<td></td>
</tr>
<tr>
<td>6012B0242</td>
<td>Monetary and Fiscal Policy</td>
<td>3</td>
</tr>
<tr>
<td>6012B0316</td>
<td>Money and Banking</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Macroeconomics (6011P0138) of Macroeconomics for AEO (6011P0167) or Principles of Economics (6012B0303) or Economics, Markets and Organisations 1 (3801EM1PV)</td>
<td></td>
</tr>
<tr>
<td>6012B0243</td>
<td>MR1: Introduction to Academic Research</td>
<td>1</td>
</tr>
</tbody>
</table>
Article 4.14 Major programmes

1. The following major programmes are offered:
   - *Economie*, for students in the Beta-gamma Bachelor’s degree programme (Dutch)
   - *Bedrijfskunde*, for students in the Beta-gamma Bachelor’s degree programme (Dutch)
   - *Economics*, for students in the Future Planet Studies Bachelor’s degree programme (English)
   - *Business Administration*, for students in the Future Planet Studies Bachelor’s degree programme (English)

2. To start a major, students must have obtained at minimum 48 ECTS credits from the first year of the Bachelor’s degree programme. Students in a major programme do not have to meet the entry requirements of the courses offered at the EB.

3. This Article of the model OER is not applicable.

4. This Article of the model OER is not applicable.

5. For students who started a major before September 2013, the programmes apply as set down at the start of the major. If components lapse or are changed as a result of changes to the regular Bachelor’s degree programme, a transitional arrangement will be made for major students if necessary.

6. The major programme can be found as an appendix to Section B of the OER of the Bachelor degree programme of the major student.
5. Electives

Article 5.1. Minors
See Article 3.2 paragraph 6 in Section A.

Article 5.2. Electives
Electives must conform to Article 3.2, paragraph 6 of Section A. This means that courses offered within a different major than the one being taken are also suitable as electives.

See the course catalogue for recommended electives for the various majors (www.studiegids.uva.nl).

6. Honours programme

Article 6.1 – Honours programme
See Article 5.1 paragraph 2 of Section A.

7. Academic student counselling and advice regarding continuation of studies

Article 7.1 Academic student counselling
See Article 6.1 paragraph 2 in Section A.

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive a positive advice regarding continuation of studies, a student must obtain at least 48 ECTS credits from the first-year degree programme by the end of the first year of enrolment in the programme.
2. Students who have not met the standard for a positive advice at the end of the first year of enrolment, but who have received written permission from the Dean to continue the degree programme, will receive a new advice at the end of the next year of study, subject to the standard of 48 ECTS credits that must be obtained in the academic year.
3. Students who receive a binding negative advice regarding the continuation of studies cannot enrol in the following Bachelor’s programmes offered by the Faculty during the following three academic years: Economics and Business, and Fiscal Economics.

8. Transitional and final provisions

Article 8.1 Amendments to and periodic review of Section B
1. Any amendment to Section B of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 8.2 Transitional provisions
In light of the launch of the two new Bachelor’s degree programmes, Business Administration and Economics & Business Economics, in September 2017, all first-year courses for the Bachelor’s degree programmes Economie en Bedrijfswede and Fiscale economie will be discontinued as of the
2017-2018 academic year. A transitional provision has been drafted for students yet to pass first-year courses from these degree programmes in the 2017-2018 academic year.

The new Business Administration and Economics and Business Economics Bachelor’s degree programmes will be introduced in phases: year 1 will start in the 2017-2018 academic year, year 2 will start in the 2018-2019 academic year, and year 3 will start in the 2019-2020 academic year. The courses within the Economie en Bedrijfskunde Bachelor’s and the first year of Fiscale Economie will also be discontinued following the same timeline and replaced by the courses from the new Bachelor’s. The transitional provisions for second- and third-year courses within the Economie en Bedrijfskunde and Fiscale economie degree programmes will be outlined in the Teaching and Examination Regulations (OER) for the academic years 2018-2019 and 2019-2020 respectively.

Students that started the Economie en Bedrijfskunde Bachelor’s degree programme in the academic year of 2016-2017 (the final year to enter the degree) at the latest have until 31-8-2021 to obtain their diploma for this programme.

Considering that the first year of the Economie en Bedrijfskunde Bachelor’s is identical to the first year of the Fiscale economie Bachelor’s and courses are shared with Economie en Bedrijfskunde in the latter years of Fiscale economie, the transitional provisions regarding the discontinued courses also apply to students of the Fiscale economie Bachelor’s.

The following general principles apply to the transitional provisions:

- Students of the Economie en Bedrijfskunde Bachelor’s complete their current study programme using equivalent, new Bachelor’s courses once the original courses are discontinued from their programme.
- The equivalence table indicates which ‘old’ courses will be replaced by new courses, per degree programme.
- An equivalent course may have a different title and/or alternative content and/or be scheduled for a different period.
- The content of an equivalent course may deviate from the old course. This is permitted so long as the subject matter that is not dealt with in the new – equivalent – course is not required to satisfy the exit qualifications of the degree programme.
- The equivalent course in the new Bachelor’s programme may be scheduled in a different year of study. Splitting E&B with a broad first year can mean that certain subject matter currently dealt with in year 2 is already addressed in year 1. This is permitted so long as the exit qualifications of the degree programme are thereby satisfied.
- As a result of the transitional provisions, students who do not complete the programme within the nominal study duration may experience a degree of overlap in courses.
- The transitional provisions have been designed in such a way that students who progress within the nominal study duration are able to continue their study programme without experiencing a study completion delay. Nominal progression means that the student has taken and passed the courses in accordance with the sequence in the study schedule and that they have not had a study completion delay. Students who do not progress within the nominal study duration may experience a slight study completion delay.

Transitional provision for Year 1 Economie & Bedrijfskunde and Fiscale Economie

Students who have not completed the first year of Economie en Bedrijfskunde or Fiscale economie by 1 September 2017, should replace not completed first-year courses with new courses in accordance with the table below. An extra examination opportunity will also be offered in September 2017 for two courses and for certain skills elements.
One-off extra examination opportunity in September 2017

An extra examination opportunity will only be offered for *Marketing en Strategie + Organisatie en Management* early in September 2017, in light of the fact that the contents are not sufficiently reflected in a new, equivalent course. The student must have received a positive binding study advice (BSA) in order to participate in the extra examination. The Programme Administration registers eligible students for the extra examination opportunity at the end of August at the latest, once the BSA has been confirmed. Should the student fail to pass this examination opportunity, they are required to pass the new course as outlined in the table below.

Students who have received a positive BSA but who need to resit a first-year course due to not having passed a *skills element*, are offered the one-off opportunity to resit this element in September 2017. Students to whom this applies will be informed in late August 2017.

### Summary of replacement courses for the Dutch courses within *Economie en Bedrijfskunde* and *Fiscale economie*

If an old first-year course has not been passed by 1 September 2017, a new course should be passed, in accordance with the below table:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course*</th>
</tr>
</thead>
</table>
| *Marketing en Strategie* (6 ECTS, period 1, 6011P0147) | **Marketing** (year 2 BSc Economie en Bedrijfskunde, period 2, 6012B0238)  
  If Marketing is already a compulsory part of the curriculum, the student is required to take an additional elective (6 ECTS). |
| *Wiskunde* (6 ECTS, period 1, 6011P0151) | **Mathematics 1 for Economics** (period 2, 6011P0236)                      |
| *Micro-economie* (6 ECTS, period 2, 6011P0126) | **Microeconomics 1** (period 2, 6011P0233)                                 |
| *Accounting* (6 ECTS, period 2, 6011P0148) | **Financial Accounting 1 for Economics** (period 1, 6011P0230) or  
  **Financial Accounting 1 for Business** (period 5, only in the 2017-2018 academic year, 6011P0224) |
| *Fiscale Economie en Vaardigheden* (6 ECTS, period 3, 6011P0157) | **Principles of Economics and Business 2** (period 1+2+3, 6011P0212) |
| *Organisatie en Management* (6 ECTS, period 4, 6011P0128) | **Organisatie Psychologie** (year 2 BSc Economie en Bedrijfskunde, period 5, 6012B0308)  
  If Organisatie Psychologie is already a compulsory part of the curriculum, the student is required to take an additional elective (6 ECTS). |
| *Statistiek* (6 ECTS, period 4, 6011P0162) | **Statistics 1 for Economics** (period 4, 6011P0245)                      |
| *Macro-economie* (6 ECTS, period 5, 6011P0125) | **Macroeconomics 1** (period 4, 6011P0242)                               |
| *Financiering* (6 ECTS, period 5, 6011P0164) | **Finance 1** (period 5, 6011P0251)                                       |
| *Onderzoeksproject* (6 ECTS, period 6, 6011P0160) | **Research Project** (period 4,5,6, 6011P0254)                              |
Summary of replacement courses for the English courses within *Economie en Bedrijfskunde* and *Fiscale economie*

If an old first-year course has not been passed by 1 September 2017, a new course should be passed, in accordance with the below table:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing and Strategy (6011P0149, period 1)</td>
<td>Marketing (year 2 BSc Economics and Business, 6012B0323, period 2)</td>
</tr>
<tr>
<td></td>
<td>If Marketing is already a mandatory course in the study programme, an extra elective must be taken (6 EC).</td>
</tr>
<tr>
<td>Mathematics (6011P0153, period 1)</td>
<td>Mathematics 1 for Economics (period 2, 6011P0236)</td>
</tr>
<tr>
<td>Microeconomics (6011P0139, period 2)</td>
<td>Microeconomics 1 (period 2, 6011P0242)</td>
</tr>
<tr>
<td>Accounting (6011P0150, period 2)</td>
<td>Financial Accounting 1 for Economics (period 1, 6011P0230) or</td>
</tr>
<tr>
<td></td>
<td>Financial Accounting 1 for Business (period 5, academic year 2017-2018 only, 6011P0224)</td>
</tr>
<tr>
<td>Academic English and Skills (6011P0143, period 3)</td>
<td>Principles of Economics and Business 2 (period 1+2+3, 6011P0212)</td>
</tr>
<tr>
<td>Organization and Management (6011P0141, period 4)</td>
<td>Organizational Psychology (year 2 BSc Economics and Business, 6012B0249, period 5)</td>
</tr>
<tr>
<td></td>
<td>If Organizational Psychology is already a mandatory course in the study programme, an extra elective must be taken (6 EC).</td>
</tr>
<tr>
<td>Statistics (6011P0163, period 4)</td>
<td>Statistics 1 for Economics (period 4, 6011P0245)</td>
</tr>
<tr>
<td>Macroeconomics (6011P0138, period 5)</td>
<td>Macroeconomics 1 (period 4, 6011P0242)</td>
</tr>
<tr>
<td>Finance (6011P0165, period 5)</td>
<td>Finance 1 (period 5, 6011P0251)</td>
</tr>
<tr>
<td>Research Project (6011P0161, period 6)</td>
<td>Research Project (period 4,5,6, 6011P0254)</td>
</tr>
</tbody>
</table>

General transitional provisions

1. The entry requirement for the *Geld en Bankwezen* (6012B0221) / *Money and Banking* (6012B0316) and *International Trade and Investment* (6012B0232) courses has changed (see 4.13). In 2017-2018, students who satisfy the old entry requirement and students who satisfy the new entry requirement can both be admitted to the courses in question.

2. Students who have not passed the old first-year Honours course before 1 September 2017 are required to take the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Policy Analysis (6012B0331)</td>
<td>The Why Axis (6012B0411)</td>
</tr>
</tbody>
</table>

Article 8.3 Publication

1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

**Article 8.4 Effective date**

Section B of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of the Faculty of Economics and Business on 28 June 2017

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Section B5: programme-specific section BSc Economics and Business Economics

1. General provisions

Article 1.1 Definitions
This article of the model OER is not applicable.

Article 1.2 Degree programme information
1. The Bachelor’s programme Economics and Business Economics has CROHO code 59318. It is a full time degree programme.
2. A teaching unit consists of 6 EC, or an integer multiple of this.
3. Students taking the programme have to choose one out of two majors:
   - Business Economics
   - Economics

Students taking the major Business Economics have to choose one out of three specialisations:
   - Accountancy and Control
   - Finance
   - Organization Economics
4. The programme will be taught in the English language, while in the first year tutorials will also be offered in Dutch, within the limit of available Dutch speaking teaching capacity.
5. The Economics and Business Economics degree programme does not admit flexible learning students.

2. Programme objectives and Intended Learning Outcomes

Article 2.1 Programme objective
The intended learning outcomes of the new programme have a ‘core’ component, which is the same across all the majors, a ‘major’ component, which is the same for all specialisations within a major, and a specialisation-specific component.

Article 2.2 Intended learning outcomes

Core
As part of the core learning outcomes, a graduate of the programme should be able to:
C1. Explain fundamental questions, concepts, theories and methodological techniques in the field of Economics and Business Economics (knowledge).
C2. Know and understand discipline related global issues and trends (knowledge).
C3. Acquire knowledge independently by finding and studying original sources and data, and judging their relative merit (study skills).
C4. Report on a problem, including the way in which it was formulated and analysed as well as the resulting conclusions, in a clear, concise and structured manner (communication); reflect on the results obtained, including their scientific, societal or ethical dimensions (judgement); explain these in terms of the original problem (communication); and evaluate existing theories in the light of these results (judgement).
C5. Explain general economic developments in society at the individual, organization, national and international level (application of knowledge).
C6. Collaborate in an international environment (communication), and be able to interpret general economic developments from an international perspective (judgement).
C7. Appreciate the importance of culture and context in decision-making (attitude).

After completing the foundational part of the programme, students take one of two majors: Economics or Business Economics.

Economics
As part of the outcomes for the major Economics, a graduate of the programme should be able to:
E1. Explain the core questions, concepts, theories and methodological techniques of Economics (knowledge).
E2. Map out a micro- or macro-economic problem in a structured manner; analyse it using qualitative and quantitative techniques, and draw reasoned conclusions from the analysis (application of knowledge).
E3. Judge economic arguments that support decisions with an economic dimension, for instance policy decisions, critically and on a scientific basis (judgement).

Business Economics
As part of the outcomes for the major Business Economics, a graduate of the programme should be able to:
BE1. Explain the core questions, concepts, theories and methodological techniques of accountancy and control, finance and organization economics; explain the basic concepts of corporate law (knowledge).

Accountancy & Control
As part of the intended outcomes for the specialization Accountancy & Control, a graduate should be able to:
SA1. Describe the purpose of financial reporting and its relevance to an organization’s internal and external stakeholders (knowledge).
SA2. Generate financial and non-financial information to meet stakeholders’ needs; analyse financial and other quantitative information to support decision-making by internal and external stakeholders; access, evaluate, and apply national and international guidance on financial reporting, tax and governance (application of knowledge).
SA3. Assess the quality of an organization’s reporting and control systems (judgement).

Finance
As part of the intended outcomes for the specialization Finance, a graduate should be able to:
SF1. Explain which theories and concepts a Financial Economist can use to analyse and model problems in financial decision-making (knowledge).
SF2. Use these theories and concepts to solve a complex and unstructured financial decision-making problem (application of knowledge).

Organization Economics
As part of the intended outcomes for the specialization Organization Economics, a graduate should be able to:
SO1. Explain which economic concepts and ideas, game-theoretic concepts and scientific theories an Organizational Economist can use to model and analyse motivational and coordination problems within organizations, as well as organizations’ strategic choices relative to their (market) environment and internal organizational structure (knowledge).
SO2. Model and analyse a specific problem both theoretically and empirically using this framework; identify appropriate economic incentives and trade-offs; interpret available data; and derive
convincing conclusions that are based on an econometric analysis of these data (application of knowledge).

3. Admission

Article 3.1 Additional previous education requirements
1. The following requirements are grounds for admission to the programme:
   a. A Dutch student is admissible to the programme on the basis of a VWO degree, including Mathematics A or B.
   b. A student with an ‘HBO’ (higher professional education) diploma or who has completed the first year of an ‘HBO’ programme, and who can demonstrate sufficient command of Mathematics and English, is admissible to the programme.
   c. An EU-student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B and English. There are no extra Mathematics requirements.
   d. A non-EU-student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B. Non-EU students may also need to pass a Mathematics test provided by the Faculty, and provide a GPA-score. Applications of students from non-EU member countries seeking admittance to the programme will be judged individually by the Admissions Office of the Faculty.

Artikel 3.2 Colloquium doctum
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
   b. Mathematics B or Mathematics B.
2. The proof that the entrance examination (colloquium doctum) has been passed provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken only.

Article 3.3 Language requirements
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website, www.uva.nl
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   – TOEFL test: minimum score of 92, at least 20 for every interim score (237 computer/580 paper test, report number 0398)
   – IELTS test: minimum score of 6.5, at least 6 for every interim score
   – Cambridge International Examinations: minimum scores A (First - FCE), A/B/C (Advanced - CAE), A/B/C (Proficiency - CPE).
   Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.

Article 3.4 Switch arrangement
1. Students who are enrolled in the first year of the Bachelor’s programme Economics and Business Economics are allowed to switch to the Bachelor’s programme Business Administration, or vice
versa, in the first year of enrolment, only before period (blok) 2. Students must contact the study advisor before the start of period 2 at its latest.
2. Regulations for the study programme in case of a switch from the Bachelor’s programme Business Administration to Economics and Business Economics:
   • Credits and grade for the course Principles of Economics & Business 1 (6 EC) will be transferred.
   • Credits and grade for the course Strategy & Organisation will count in the elective space.
3. When the student has switched to the other programme as of period 2, it is not allowed to switch back to the first programme before the start of the next academic year.

4. Curriculum

Article 4.1 Composition of programme
The programme consists of the following components:
   a. academic development
   b. major/compulsory units of study
   c. electives
   d. thesis

Article 4.2 Academic development
Academic development is incorporated in the programme through the exit qualifications with respect to skills and attitudes as referred to in Article 2.2.

Article 4.3 Units of study
This article of the model OER is not applicable.

Article 4.4 Curriculum
The bachelor programme Economics and Business Economics consists of a common foundational part of three semesters, and a major part of again three semesters. Having completed the foundational part, students will choose one of the two majors Business Economics and Economics.

First year
The first year of the programme consists of required courses with a total study load of 60 EC. It is organised as follows.

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Financial Accounting 1 for Economics</td>
<td>Microeconomics 1</td>
</tr>
<tr>
<td>Principles of Economics and Business 1</td>
<td>Mathematics 1 for Economics</td>
</tr>
</tbody>
</table>

BSc in Economics and Business Economics programme, first year
**Major Business Economics**

The second year of the major Business Economics consists of required courses with a total study load of 60 EC. It is organised as follows.

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>Money and Banking</td>
<td>International Money and Finance</td>
</tr>
<tr>
<td>Statistics 2 for Economics</td>
<td>Econometrics</td>
</tr>
</tbody>
</table>

**Major Business Economics, second year***

The third year of the major Business Economics consists of a specialisation track of 30 EC and an elective space of 30 EC, where students can take elective courses or a structured minor, not restricted to courses offered by the faculty of Economics & Business of the UvA. These courses can be taken either at the UvA or at another Dutch or non-Dutch university. The organisation of the third year depends on the specialisation chosen by the student.

*the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

**Major Business Economics, specialisation Accountancy & Control, third year***

**Major Business Economics, specialisation Finance, third year***
### Major Business Economics, specialisation Organisation Economics, third year*

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

### Major Economics

The second year of the major Economics consists of required courses with a total study load of 60 EC. It is organised as follows.

### Major Economics second year*

The third year of the major Economics consists of a specialisation track of 30 EC and elective space of 30 EC. The programme of the specialization track consists of a thesis and of four teaching units from the following list, chosen by the student.

### List of teaching units for specialisation in Economics*

<table>
<thead>
<tr>
<th>Behavioural Economics</th>
<th>Monetary and Fiscal Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development Economics</td>
<td>Political Economy: Dialectical Methodology</td>
</tr>
<tr>
<td>Industrial Organisation</td>
<td>Public Economics</td>
</tr>
<tr>
<td>International Trade and Investment</td>
<td>Regulation, Regulatory Impact and Reform</td>
</tr>
<tr>
<td>Labour Economics</td>
<td>Transition Economics</td>
</tr>
<tr>
<td>Research Thesis Extension</td>
<td></td>
</tr>
</tbody>
</table>

Students can use the elective space of 30 EC to take elective courses or a structured minor; they are not restricted to courses offered by the faculty of Economics & Business of the UvA. These courses
can be taken either at the UvA or at another Dutch or non-Dutch university (international exchange). Taking a structured minor will restrict the available teaching units in the specialisation track.

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

**Article 4.5 Elective subjects, minors, studying abroad**
For the general rules, see Article 3.2 paragraph 6 of Section A.

The courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

**Article 4.6 Thesis**
1. Rules and regulations about content, supervision and assessment of the final project can be found in the Course Catalogue.
2. Students that have been enrolled for less than three complete years in the programme and that have obtained 120 EC when starting their thesis can opt to do a thesis with a research thesis extension of, in total, 12 EC instead of a thesis of 6 EC.

**Article 4.7 Chronological sequence of units of study**
See Article 3.2 paragraph 9 in Section A

**Article 4.8 Signing up for examinations**
See Article 3.2 paragraph 7 in Section A.

**Article 4.9 Participation in practical exercise and tutorials**
See Article 3.2 paragraph 9 in Section A.

**Article 4.10 Maximum exemption**
See Article 4.7 in Section A.

**Article 4.11 Validity period for results**
See Article 4.8 in Section A.

**Article 4.12 Degree**
See Article 4.11 paragraph 3 in Section A.

**Article 4.13 List of courses**
All courses carry 6 EC credits unless stated otherwise.

**Year 1***

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0230</td>
<td>Financial Accounting 1 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0200</td>
<td>Principles of Economics and Business 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0212</td>
<td>Principles of Economics and Business 2</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6011P0233</td>
<td>Microeconomics 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0236</td>
<td>Mathematics 1 for Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0242</td>
<td>Macroeconomics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0245</td>
<td>Statistics 1 for Economics</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
Section B5: programme-specific section BSc Economics and Business Economics

**Year 2 – Major in Business Economics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012Bxxxx</td>
<td>Money and Banking</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Statistics 2 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>International Money and Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Econometrics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Economic Methodology</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Strategy</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Management Accounting 1 for Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Finance 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Corporate Law</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Research Laboratory: Business Economics</td>
<td>4, 5, 6</td>
<td>Research Project (6011P0254)</td>
</tr>
</tbody>
</table>

*The courses of the second and third year of the new bachelor’s programmes will not be offered in 2017–2018; these courses may be subject to change in subsequent years.

**Year 3 – Major in Business Economics – Specialisation Accountancy & Control**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013Bxxxx</td>
<td>Financial Accounting 2</td>
<td>4</td>
<td>Financial Accounting 1, Management Accounting 1 for Economics</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Accounting Information Systems</td>
<td>4</td>
<td>Financial Accounting 1, Management Accounting 1 for Economics</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Financial Accounting 3</td>
<td>5</td>
<td>Financial Accounting 1, Management Accounting 1 for Economics</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Management Accounting 2</td>
<td>5</td>
<td>Financial Accounting 1, Management Accounting 1 for Economics</td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Accounting Thesis</td>
<td>4,5,6</td>
<td>≥120 EC behaald en first</td>
</tr>
</tbody>
</table>

*First-year courses in the BSc Economics and Business Economics degree programme are only accessible to students in possession of a valid registration for the BSc Economics and Business Economics, BSc Fiscal Economics, BSc Economie en Bedrijfskunde/BSc Economics and Business degree programmes.*
studiejaar afgerond

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

**Year 3 – Major in Business Economics – Specialisation Finance***

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013Bxxxxx</td>
<td>Internship (6 EC)</td>
<td>1,2,3,5</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Investment and Portfolio Theory 1</td>
<td>4</td>
<td>Finance 1, Finance 2</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Corporate Finance</td>
<td>4</td>
<td>Finance 1, Finance 2</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Investment and Portfolio Theory 2</td>
<td>5</td>
<td>Finance 1, Finance 2</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Research Thesis Extension (6 EC)</td>
<td>4,5,6</td>
<td>Research Laboratory: Business Economics, Finance 1, Finance 2, Econometrics</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Finance Thesis (6 EC)</td>
<td>4,5,6</td>
<td>≥120 EC inclusief het vak Econometrics (6012Bxxxxx) en first studiejaar afgerond</td>
</tr>
</tbody>
</table>

**Year 3 – Major in Business Economics – Specialisation Organisation Economics***

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013Bxxxxx</td>
<td>Internship (6 EC)</td>
<td>1,2,3,5</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Organisation Economics</td>
<td>4</td>
<td>Economics of Markets and Organisations, Strategy</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Corporate Finance</td>
<td>4</td>
<td>Finance 1, Finance 2</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Industrial Organisation</td>
<td>5</td>
<td>Economics of Markets and Organisations, Strategy</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Research Thesis Extension (6 EC)</td>
<td>4,5,6</td>
<td>Research Laboratory: Business Economics, Econometrics, Economics of Markets and Organisations, Strategy</td>
</tr>
<tr>
<td>6013Bxxxxx</td>
<td>Organisation Economics Thesis (6 EC)</td>
<td>4,5,6</td>
<td>≥120 EC behaald inclusief het vak Econometrics (6012Bxxxxx) en first studiejaar afgerond</td>
</tr>
</tbody>
</table>

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.
Year 2 – Major in Economics*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012Bxxxx</td>
<td>Money and Banking</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Statistics 2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>International Money and Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Econometrics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Economic Methodology</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Game Theory</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Mathematics 2 for Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Microeconomics 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Macroeconomics 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012Bxxxx</td>
<td>Research Laboratory: Economics</td>
<td>4, 5, 6</td>
<td>Research Project (6011P0254)</td>
</tr>
</tbody>
</table>

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

Year 3 – Major in Economics*

For all third year courses, it is required that credits have been obtained for all courses of the first year of the programme.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013Bxxxx</td>
<td>Behavioural Economics</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Development Economics</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Industrial Organisation</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>International Trade and Investment</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Labour Economics</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Monetary and Fiscal Policy</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Political Economy: Dialectical Methodology</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Public Economics</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Regulation, Regulatory Impact and Reform</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Transition Economics</td>
<td>t.b.d.</td>
<td></td>
</tr>
<tr>
<td>6013Bxxxx</td>
<td>Research Thesis Extension</td>
<td>1, 2, 3 (if thesis is written in first semester)</td>
<td>Research Laboratory: Economics, Econometrics or 4, 5, 6 (if thesis is written in second semester)</td>
</tr>
</tbody>
</table>
6013Bxxxx Economics Thesis (6 EC)  

1,2,3 or 4,5,6

≥120 EC behaald inclusief het vak Econometrics (6012Bxxxx) en first studiejaar afgerond

* the courses of the second and third year of the new bachelor’s programmes will not be offered in 2017-2018; these courses may be subject to change in subsequent years.

**Minor and honours courses**

The following are minor and honours courses offered by the programme.

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Period</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Why Axis (Honours Course)</td>
<td>5+6</td>
<td>Admission to the Honours Programme</td>
<td></td>
</tr>
<tr>
<td>Minor Accountancy: Course 1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Accountancy: Course 2</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Accountancy: Course 3</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Accountancy: Course 4</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Accountancy: Project Course</td>
<td>1, 2, 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Finance: Course 1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Finance: Course 2</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Finance: Course 3</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Finance: Course 4</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minor Finance: Project Course</td>
<td>1, 2, 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Article 4.14 Major programmes**

1. The following major programmes are offered:
   - Economie for students in the Beta-gamma Bachelor’s degree programme (Dutch)
   - Economie for student in the Future Planet Studies Bachelor’s degree programme (English).
2. To start a major, students must have obtained at minimum 48 ECTS credits from the first year of the Bachelor’s degree programme. Students in a major programme do not have to meet the entry requirements of the courses offered at the EB.
3. This Article of the model OER is not applicable.
4. This Article of the model OER is not applicable.
5. For students who started a major before September 2013, the programmes apply as set down at the start of the major. If components lapse or are changed as a result of changes to the regular Bachelor’s degree programme, a transitional arrangement will be made for major students if necessary.
6. The major programme can be found as an appendix to Section B of the OER of the Bachelor degree programme of the major student.

**5. Electives**

**Article 5.1. Minors**

See Article 3.2 paragraph 6 in Section A.
Article 5.2. Electives
Electives must conform to Article 3.2, paragraph 6 of Section A. This means that courses offered within a different major than the one being taken are also suitable as electives. It is possible that certain courses set capacity limits for elective students.

See the Course Catalogue for recommended electives (www.studiegids.uva.nl).

6. Honours programme

Article 6.1 Honours programme
See Article 5.1 paragraph 2 in Section A.

7. Academic student counselling and BSA

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To obtain a positive study advice at the end of the first year of the programme, a student must fulfil the following requirements: 48 EC obtained in the current academic year for courses of the first year of the Bachelor’s programme in Economics and Business Economics;
2. A student that has not fulfilled the requirements of subsection 1 at the end of the first year of enrolment may obtain written permission by the Dean to continue in the programme. This student will receive again a binding study advice at the end of the second year, based on the requirements of subsection 1.
3. A student that has obtained a negative study advice is not allowed to enroll, for a period of three years, in the following bachelor programmes offered by UvA: BSc Economics and Business Economics and BSc Fiscale Economie (Economics of Taxation).
4. Students that have enrolled in the Bachelor’s programme Business Administration for the first period and who switch to the Bachelor’s programme Economics and Business Economics as of period 2 (see article 7.3 for rules concerning this switch) will obtain a positive study advice for the Bachelor’s programme Economics and Business Economics, and the right to enroll in that programme for the next academic year, if 48 EC are obtained in the current academic year for courses from the first year of the programme in Economics and Business Economics and from the first period of the first year of the programme in Business Administration.

8. Transitional and Final provisions

Article 8.1 Amendments to and periodic review of Section B
1. Any amendment to Section B of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subject of Section 7.13, paragraph 2 sub a to g and v, and paragraph 4 of the WHW.
3. An amendment to the Teaching and Examination Regulations may only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 8.2 Transitional provisions
BSc Business Administration is a new Bachelor’s programme, there are no transitional provisions. For students that started before 01 September 2017 with BSc Economics and Business the transitional provisions are stated in Article 8.2 of part B4: Economics and Business.
Article 8.3 Publication
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

Article 8.4 Effective date
Section A of these Regulations will come into force as of 1 September 2017

Thus drawn up by the Dean of the Faculty of Economics and Business on 28 June 2017

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 23 March 2017
Fiscal Economics (OC-FE), date: 2 March 2017
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 10 March 2017

Advice of the Works Council (OR), date: 6 June 2017
Advice of and approved by the Faculty Student Council (FSR), date: 6 June 2017

Adopted by the Dean of the Faculty of Economics and Business on 28 June 2017
Appendix I: Rules and Guidelines for the Examinations Board 2017-2018

The Rules and Guidelines for the Examinations Board are supplementary and do not form part of the Teaching and Examination Regulations. As provided in legislation (Art. 7.12b para 3 WHW), the content of these Rules and Guidelines falls under the exclusive authority of the Examinations Board. The Faculty Student Council, Boards of Studies and Works Council have no advisory powers or right of consent over these provisions. For a detailed explanation of the status of the Rules and Guidelines, see the Assessment Policy Framework adopted by the Executive Board on 16 December 2010.

These Rules and Guidelines are based on the model rules and guidelines adopted by decision no. 2015cb0178 of the Executive Board on 1 June 2015.

Article 1 Applicability

Article 1.1 – Applicability of the regulations

Rules and Guidelines as described in Article 7.12b, third paragraph of the WHW, and adopted by the Examinations Board. These Rules and Guidelines are applicable to the assessments and examinations in the Faculty’s Bachelor’s and Master’s degree programme(s) and are in keeping with the Teaching and Examination Regulations (OERs) for these degree programmes, as established by the dean. These regulations apply to everyone who follows (courses for) the degree course in this academic year, regardless of when they began the degree programme.

a. Bachelor of Science Actuariële Wetenschappen
b. Bachelor of Science Business Administration
c. Bachelor of Science Econometrie en Operationele Research
d. Bachelor of Science Economics & Business Economics
e. Bachelor of Science Economie en Bedrijfskunde
f. Bachelor of Science Fiscale Economie
g. Master of Science Accountancy & Control
h. Master of Science Actuarial Science and Mathematical Finance
i. Master of Science Business Administration
j. Master of Science Business Economics
k. Master of Science Econometrics
l. Master of Science Economics
m. Master of Science in Finance
n. Master of Science Fiscale Economie

Executive Education (NVAO accredited & not subsidised by the government):
o. Master of Business Administration
p. Master of Science in International Finance
q. Master of Science Bedrijfskunde, part-time / Executive Programme in Management Studies
r. Master of Science Executive Master of Finance and Control
s. Master of Science Executive Programme Actuarial Science and Mathematical Finance
t. Master of Science Verzekeringskunde

Professional programmes:
u. Postmaster Actuarial Practice Cycle (APC)
v. Amsterdam-IT Audit Programme (A iTAP)
w. Executive Internal Auditing Programme (EIAP)
x. Postmaster Accountancy (PMA)

Pre-Master’s programmes:
y. Pre-Master’s Fiscale Economie
z. Pre-Master’s MSc Accountancy & Control
Appendix I: Rules and Guidelines for the Examinations Board 2017-2018

aa. Pre-Master’s MSc Business administration
bb. Contract teaching (CEB)

Article 1.2 – General
1. The concepts described in the OER that apply to the programme in question also apply to these regulations. Other concepts are defined in accordance with legislation.
2. In the case that a provision in these regulations conflicts with a provision from the OER applying to the programme in question, the provision from the OER will prevail.

Article 2 Examinations Board
Article 2.1 – Composition of the Examinations Board
1. The Examinations Board consists of experts in the field of the degree programme(s). At least one member is linked to the degree programme in question, or to one of the degree programmes to which these Rules and Guidelines apply, as a lecturer. At least one member is external to the degree programme(s). Members of the Executive Board or persons who otherwise bear financial responsibility within the organisation may not sit on an Examinations Board.
2. Members of the Examinations Board are appointed by the dean on the basis of their expertise in the field of the degree programme(s).
3. The Examinations Board appoints one of its members, with the exception of the external member, as chair. The chair is responsible for the daily business of the Examinations Board. He appoints another member to replace him in case of absence.
4. Before appointing a member, the Examinations Board informs the dean of the intended appointment.
5. Members of the Examinations Board are appointed for three years and can be re-appointed.
6. The dean is responsible for safeguarding the independent and expert functioning of the Examinations Board.

Article 2.2 – Tasks of the Examinations Board
The tasks of the Examinations Board are provided in Article 7.12 of the WHW. This includes the establishment of rules on the implementation of the tasks and competencies and taking measures in relation to:
a. establishing, in an objective and expert manner, whether a student satisfies the conditions set out in the OER regarding the knowledge, insight and skills needed in order to be awarded a degree;
b. safeguarding the quality of assessments and examinations;
c. establishing guidelines and instructions in the context of the OER in order to assess and determine the results of assessments and examinations;
d. granting exemptions from taking one or more examinations;
e. taking measures in the case of fraud;
f. appointing examiners for the holding of examinations and determining their results;
g. awarding a certificate, along with a degree certificate supplement, to prove that a student has passed the examination;
h. granting a student permission to follow a free curriculum, whereby the examination results in the awarding of a degree;
i. awarding an exam-pass confirmation to a student who has passed more than one examination, but who cannot be awarded a certificate;
j. producing an annual report on its activities.

Article 2.3 – Procedures of the Examinations Board
1. As a rule, the Examinations Board meets once a month or whenever the chair deems it necessary. The meeting schedule is published in a timely manner and meetings are not public.
2. The dean can appoint an official secretary to the Examinations Board in order to support the work of the Board.
3. A request or complaint involving a member of the Examinations Board should be handled in the absence of the member involved.
4. In any case, a request is accompanied by a reason for the request.
5. After receiving a petition, the Examinations Board takes a decision within six weeks. Petitions can only be submitted to the Examinations Board using the digital petitions form. The Examinations Board communicates its decision by email.

Article 3 Examiners

Article 3.1 – Appointment of examiners
The Examinations Board appoints examiners to hold examinations and determine the results of these examinations per course. The Examinations Board will apply the following criteria when appointing examiners:

- the examiner should also be the course coordinator
- the examiner should be employed by the UvA
- the examiner should be a professor, associate professor, teacher 1 & 2 or postdoctoral teacher/researcher 3 & 4.

The second and third criteria are not applicable to the professional programmes.

Following the submission of a reasoned request by the Programme Director, the Examinations Board is permitted to deviate from the criteria outlined above.

In the case of thesis supervision, at least one of the two reviewers should be appointed as an examiner.

Article 3.2 – Signing authority
The examiner is authorised to sign exam lists and grade amendments for the course for which they have been appointed as examiner. The examiner is also authorised to advise regarding exemptions and recommendations relating to components passed at a different Dutch or foreign university.

Article 3.3 – Tasks and responsibilities relating to holding exams
The examiner is primarily responsible for the content, form and quality of the assessment. The examiner should ensure that the learning objectives and the method of assessment for a course are communicated beforehand. The examiner should communicate clearly to students which cut-off score provisions and grading schemes will be used. The examiner is responsible for ensuring that an exam runs smoothly. The examiner provides the Examination Board with the information demanded in relation to examining.

Article 4 Examinations
The general rules in the Teaching and Examination Regulations for the Bachelor’s and Master’s degree programmes in Economics and Business Administration provide for rules concerning dates, admissions, notice and perusal of written examinations.

This article provides for more detailed regulations in relation to written examinations, including registration and deregistration, personal identification, supervision, procedures, extra examination time and retention periods. Rules are also provided on the assessment of examinations and the way in which the Examinations Board safeguards the quality of the examinations.

Article 4.1 – Dates and times of examinations
1. Written examinations are held on dates and times that are agreed and announced via www.rooster.uva.nl no fewer than thirty days prior to the start of the teaching concerned within the responsibility of the Examinations Board.
2. Oral or individual written exams are taken at a time to be determined by the examiner(s), which is established as soon as possible after consultation with the student.
3. When establishing the dates and times of examinations, an attempt will be made to avoid overlapping between examinations as far as possible.
4. Established dates and times will only be changed in a case of force majeure affecting the faculty.

**Article 4.2 – Registration for examinations**
For the rules in relation to registering for examinations, see Article 3.2, paragraph 7 of the Teaching and Examination Regulations for the Bachelor’s and Master’s degree programmes in Economics and Business Administration for the academic year in question. These provide that a student who is not enrolled at the UvA and/or has not registered on time or registered incorrectly for the course concerned in the university student information system (SIS) has no right to an exam result, despite having participated in the course under examination.

**Article 4.3 – Deregistration for examinations**
For the rules in relation to deregistering for examinations, see Article 3.2, paragraph 9 of the Teaching and Examination Regulations for the Bachelor’s and Master’s degree programmes in Economics and Business Administration for the academic year in question. These provide that a student who decides not to participate in an exam for the course for which he has registered in SIS should follow the required deregistration procedure no later than the Monday of the second week of the teaching period. Students who do not deregister on time and who do not participate in the exam will receive the result NAP (‘non-attendance, attempt noted’) for the exam in question. NAP will be registered as an exam attempt and may have consequences for the granting of a cum laude degree class.

**Article 4.4 – Assessment**
1. The questions and problems in the examination will remain within the limits of the previously announced examination material. The main lines of this examination material will be announced prior to the start of the teaching in preparation for the examination. No later than one month before students take the examination, a definitive announcement will be made of the precise extent of the material.
2. The Examinations Board supervises the quality of assessment and examinations.
3. The duration of every examination is such that students have enough time, within reason, to answer the questions.

**Article 4.5 - Grades**
Courses that are passed at a foreign university will not be shown as a grade in SIS, but with an ‘AVV’, and with a ‘pass’ on the degree certificate supplement. This applies to both extra-curricular courses and to courses that are included as optional subjects.

**Article 4.6 - Digital assessment**
If an examination is taken digitally, provisions will be made such that in the case of technical failure, the examination in question can still be taken on the same day.

**Article 4.7 - Assessment**
1. Every examination, including oral examinations, entails an investigation by the examiner of the student’s knowledge, insight and skills, as well as an assessment of the results of this investigation.
2. The assessment of written examinations is carried out with reference to standards that are set out beforehand in writing and that may be adjusted as a result of marking.
3. In the case that more than one lecturer is involved in assessing an examination, the examiner should ensure that all lecturers use the same standards for assessment.
4. The manner of assessment is such that the student can verify how the result of his or her examination was reached.
5. The most recent result is decisive for the final result.
6. For assessing the Bachelor’s and Master’s an assessment form will be used.
Article 4.8 - Procedures during examinations
1. In the case of a written examination, the examiner should ensure that a sufficient number of invigilators are appointed to see that the examination runs smoothly.
2. During the examination, there should be at least one expert present or reachable by phone who is able to answer discipline-related and exam-technical questions in the area of the examination being held.
3. Should a number of invigilators be present at the examination, one chief invigilator is appointed to take final responsibility.
4. It is obligatory for a student, when required to do so by an examiner or invigilator, to show proof of identity in the form of a valid UvA student ID card and another valid form of ID. If the student is unable to produce proof of identity, they may be denied entry to the examination.
5. Latecomers may be admitted to an examination up a maximum of thirty minutes after the start of the examination. If, due to circumstances beyond their control, a student is unable to be present within this time limit, the examiner can decide whether the student may still be admitted to the examination. After participants have left the hall, latecomers will no longer be admitted to the examination.
6. Students may not leave the room where the examination is being held within thirty minutes of the start of the examination. Moreover, the examiner can decide that students are not permitted to leave the room where the examination is being held in the final fifteen minutes of the examination.
7. Students should have only a pen, pencil and eraser as aids on their table, unless supplementary aids are indicated on the cover page of the examination. Information about supplementary aids will be given in lectures. Mobile telephones or other electronic equipment should be switched off and stored in a bag or briefcase next to the examination table. The bag or briefcase should be closed.
8. The use of graphing and/or programmable calculators during an examination is never permitted, unless it is explicitly stated on the cover page of the examination that their use is permitted.
9. The use of a dual-language dictionary (without added annotations) for English terms is permitted.
10. During examinations lasting two hours or less, candidates are not permitted to make trips to the lavatory, unless the chief invigilator gives their permission for this. In this case, the student should follow the instructions of the chief invigilator. During a trip to the lavatory, a student is not allowed to speak or be in possession of impermissible aids.
11. Students who fail to comply with the rules on aids provided in paragraphs 8, 9 and 10 can be barred from participating further in the examination concerned. Sanctions may also be imposed on the grounds of the ‘Regulations governing Fraud and Plagiarism for UvA students.’
12. The instructions that are provided by the Examinations Board and/or the examiner or invigilator before, during and immediately after the end of an examination should be followed by the student. Should a student fail to follow one or more instructions, he may be barred by the Examinations Board and/or the examiner from further participation in the examination concerned.
13. Observed irregularities will be reported in writing by the examiner to the Examinations Board.
14. The name of the student and his student ID card number should be included on every answer sheet that is handed in.
15. Every student who has received the examination from the (chief) invigilator is obliged to hand in the work that he has done on the answer sheet.
16. For Bachelor’s examinations, after the examination has ended, students are permitted to take the questions and the cover page of the examination with them. This does not apply to examinations that include questions from external institutions (testbanks) that are covered by copyright.

Article 4.9 – Post-exam discussion
1. During a twenty-day period, starting on the day after the announcement of the result of a written examination, a student can request a post-exam discussion with the examiner. In the case of an oral examination, the post-exam discussion will be held as soon as possible after the announcement of the result. The post-exam discussion will be held at a time and place to be determined by the examiner.
2. If a collective post-exam discussion is held, the student can only submit a request, as described in paragraph 1, if he has attended this collective post-exam discussion. See Article 4.9, section 4.10 of the 'Teaching and Examination Regulations 2016-2017 for Economics and Business Administration' for additional provisions in relation to the right of inspection.

Article 4.10 – Extra provisions for students with a disability
1. Students with dyslexia or another mental or physical disability may be eligible for extra examination time; namely, a half-hour extension to the exam time for examinations lasting longer than 1.5 hours, and a fifteen-minute extension for examinations lasting 1.5 hours or less, and/or other provisions. In order to be eligible for additional examination time and/or other provisions due to disability, the following conditions need to be satisfied:
   a. Students should be in possession of a declaration from the student dean stating that the student has the right to additional exam time and/or other provision(s).
   b. Registration for extra exam time and/or other provisions should be carried out in conformity with the instructions on the A-Z website for students under ‘Disability’.
   c. Deregistration for extra examination time and/or other provisions should be carried out in conformity with the instructions on the A-Z website for students under ‘Disability’. A failure by the student to deregister for the provisions in a timely manner will have consequences, as set out on the A-Z website for students under ‘Disability’.
2. The student dean’s recommendations concerning extra provisions for students with a disability will be deciding in all cases.

Article 4.11 – Championship Sports Regulations
Students with championship sports status are subject to special regulations. The study advisers implement the Championship Sports Regulations on behalf of the Examinations Board. The UvA’s Championship Sports Regulations are published on the A-Z website for students under ‘Study advisers’.

Article 4.12– Personal circumstances
Personal Circumstances are defined exclusively as the following:
   a. illness on the part of the student;
   b. a physical, sensory or other functional disorder on the part of the student;
   c. pregnancy of the student;
   d. special family circumstances;
   e. membership of a university representative advisory council or Board of Studies;
   f. membership of a visitation committee, as described in chapter 5a of the WHW;
   g. membership of the committee of a student organisation that the ministry has designated in the context of regulations on administrative provisions for national graduation support in higher education (‘Regeling administratieve bepalingen landelijke afstud fierstun hoger onderwijs’);
   h. activities in individual cases of general benefit to society or in the interest of the university, to be determined by the dean with due regard to the guidelines established by the Executive Board.
   i. championship sport status: the student has been granted official UvA status as a high-level athlete by the dean and can show that his sports schedule has led to a study delay.

Article 4.13 – Fraud and Plagiarism
If the student acts in way that is in conflict with the ‘Fraud and Plagiarism Regulations governing students of the UvA’ or with the prescriptions provided in Article 4.4 regarding procedures during examinations, the Examinations Board will be informed of this in writing by the examiner. Any evidence should be sent with this report. The Examinations Board will determine the sanction after hearing the student and the lecturer.
**Article 5 Examinations**

**Article 5.1 – Establishment of graduation requirements**

1. The Bachelor’s or Master’s degree programme followed by the student should be in accordance with the Teaching and Examination Regulations applying in the academic year in which the study programme is put to the Examinations Board for assessment or in which the student satisfies the graduation requirements.
2. If it is no longer possible to complete a study programme as a result of the disappearance of courses, the Examinations Board will decide how the study programme should be completed.

**Article 5.2 – The granting of degree certificates**

1. The Examinations Board will proceed to check the graduation requirements, establish the examination date and award a certificate if a student requests a degree certificate in accordance with the procedure and time periods set out on the website.
2. In the case that the Examinations Board is unable to ascertain automatically whether a student has met the graduation requirements, the Examinations Board will periodically ask students to submit a request to the Examinations Board to check their progress towards graduation. If a student meets the graduation requirements, the Examinations Board will proceed to award the certificate associated with the examination, unless asked not to do so by the student.
3. In the case that a student ascertains that he has met all the graduation requirements for the Bachelor’s or Master’s examinations for which he is enrolled, the student can request a degree certificate himself or herself, in accordance with the procedure and time periods set out on the website.
   The following are required for a degree certificate request:
   a. valid enrolment for the degree programme concerned at the UvA;
   b. every part of the programme has been passed and administered by the Faculty Administration;
   c. a number of students should submit a request for their graduation requirements to be checked (“Controle Afstudeervereenst”) prior to a degree certificate request. It will only be possible to process a request for a certain graduation date if a student’s request to check the graduation requirements is submitted to the Examinations Board at least three months prior to the desired date. The Examinations Board will then check that parts that have already been passed by the student and those that are still to be passed meet the graduation requirements provided in the Teaching and Examination Regulations that apply to the student. The website contains information on which groups of students need to submit a request for their graduation requirements to be checked;
4. Degree certificates should be collected by a student in person or by an authorised person, unless the student is invited by the Faculty Administration to attend a degree ceremony. Every degree programme holds at least one degree ceremony each year. The dates of degree ceremonies are published each year on the student website.
5. The exam date is the last working day of the month in which the student requested the degree certificate.

**Article 5.3 – Extra-curricular courses**

1. Extra courses can be stated on the Bachelor’s degree certificate supplement on condition that the following requirements are met:
   a. the course was passed at the UvA or another Dutch university, or at a university abroad;
   b. the course was passed during the period in which the student was enrolled for a degree programme at Economics and Business Administration;
   c. the level of the course is at least that of a second-year Bachelor’s course. It is permitted to deviate from this requirement with a maximum of 12 ECTS credits. In this case, the level of the course should be at least that of a first-year Bachelor’s course;
   d. there is no overlap between the course and other courses within the student’s programme;
   e. a minor programme may not be included as an extra component;
   f. exemptions for extra-curricular subjects are not permitted.
2. Extra courses can be listed on the Master’s degree certificate supplement on condition that the following requirements are satisfied:
a. the course was passed at the UvA or another Dutch university, or at a university abroad;
b. the course was passed during the period in which the student was enrolled for a degree
programme at Economics and Business Administration;
c. the level of the course should be that of a Master’s course;
d. the content of the course is related to the Master’s programme;
e. there is no overlap between the course and other courses in the student’s Master’s programme;
f. exemptions for extra-curricular subjects are not permitted.

3. In order to be able to include courses as extra-curricular courses, a request should be made to the
Examinations Board at least six weeks prior to the degree certificate request.

Article 5.4 – Cum laude
If a student has performed excellently or achieved a (very) clear pass (‘with distinction’), the class
‘cum laude’ or ‘with distinction’ can be awarded.

1. A Bachelor’s student has performed excellently (cum laude) if the following conditions are met:
   a. the weighted average of all parts of the examination is at least 8.0;
   b. the result for the Bachelor’s thesis is at least 8.0;
   c. there are no resits for any course. A NA registration is not seen as an exam attempt;
   d. exemptions have been granted for a maximum of 30 credits.
   e. the student completed the programme within the nominal study duration.

2. A Master’s student is considered to have performed excellently (cum laude) if the following
   conditions are met:
   a. the result for every individual course is at least a grade of 8.0. As an exception to this, the
      student may have earned a grade of 7.0 or 7.5 for no more than one course (with the exception
      of the Master’s thesis);
   b. the weighted average of all parts of the examination is at least 8.0;
   c. there are no resits for any course. A NA registration is not seen as an exam attempt;
   d. exemptions have been granted for a maximum of 12 credits.
   e. the student completed the programme within the nominal study duration.

3. Extra-curricular study components and the results of courses passed abroad are not taken into
   account when assessing whether a student should be given a cum laude class.

Transitional provision:
Bachelor’s students who commenced their degree programme prior to 01-09-2016 are not required to
complete their programme within the nominal study duration.

Bachelor’s students who commenced their degree programme on 01-09-2016 are eligible to be
awarded the class of ‘cum laude’ if they complete their degree within four years (nominal +1).

Students who commenced their degree programme prior to 01-09-2017 will receive an NAP
registration as an exam attempt.

Article 5.5 – Special mentions on the degree certificate supplement
A minor programme of no more than 30 credits can be mentioned as such on the Bachelor’s degree
certificate supplement if permission is granted by the Examinations Board and if this concerns a
minor that does not consist of courses that are offered within the programme for which the student is
enrolled, with the exception of the minors ‘Entrepreneurship’ and ‘Amsterdam Data Science’.

Article 6 Exemptions
Article 4.7 of the Teaching and Examination Regulations for the Bachelor’s and Master’s
programmes in Economics and Business Administration provides for the rules on exemptions. This
article provides for supplementary rules and guidelines on exemptions.

1. A request for an exemption from taking an examination should be submitted to the Examinations
   Board no later than six weeks prior to the start of the part concerned, using the form intended for
   this on the website.

2. The petition must contain:
a. certified copy of the original result list or degree certificate and grade list. Only certification by
the institution where the degree programme/course was followed or certification by the Faculty
Administration of Economics and Business Administration (by showing the original and
including a copy when submitting the request) will be accepted;
b. the course description for the course or courses followed;

3. If an exemption is being requested on the grounds of courses that do not form part of a completed
degree programme, the Examination Board will apply the guideline that the exam results
concerned may be no older than three years (for Master’s courses) or six years (for second-year
and third-year Bachelor’s courses), respectively, unless the course lecturer believes exceeding
these maximums to be justifiable in terms of content.

4. An exemption from a Master’s degree course will only be granted if the student has already
completed a Bachelor’s degree programme when taking the replacement course.

5. Students taking both the Actuarial Science and Mathematical Finance and Econometrics Master’s
degree programmes can apply for exemption from overlapping courses and/or optional subjects
on the condition that at least one optional subject of 5 ECTS credits is taken without exemption
within both degree programmes.

6. Bachelor’s students who commenced their degree programme prior to 01-09-2017 can be
exempted from courses totalling a maximum of 90 ECTS credits. However, the following
exceptions apply for these students:

   • Students who have a completed Bachelor’s in Economics and Business Administration
cannot request an exemption for the minors or the optional subjects of the Bachelor’s in
   Fiscal Economics.
   • Students who have a completed Bachelor’s in Fiscal Economics cannot request an
   exemption for the minors or optional subjects of the Bachelor’s in Economics and
   Business Administration.
   • Students who have a completed Bachelor’s in Econometrics and Operational Research
cannot request an exemption for the minors or the optional subjects of the Bachelor’s in
   Actuarial Science.
   • Students who have a completed Bachelor’s in Actuarial Science cannot request an
   exemption for the minors or the optional subjects of the Bachelor’s in Econometrics and
   Operational Research.
   • Students who are following both the Bachelor’s in Econometrics & Operational Research
   and the Bachelor’s in Actuarial Science can only request an exemption for courses that
   are compulsory for both degree programmes. It is not possible to request an exemption
   for electives within the degree programme in Econometrics & Operational Research or
   for the electives within the degree programme in Actuarial Science.
   • Students who are following both the Bachelor’s in Economics and Business
   Administration and the Bachelor’s in Fiscal Economics can only request an exemption for
   courses that are compulsory for both degree programmes. It is not possible to request an
   exemption for electives within the degree programme in Economics and Business
   Administration or for the electives within the degree programme in Fiscal Economics.

Article 7 Retention periods
Paper versions of Bachelor’s theses or Bachelor’s graduation projects and Master’s theses will be
retained for at least seven years. Digital versions will be retained indefinitely.
Examination problems and computations, including projects and other written materials for which a
grade or interim grade has been given and examination results, as well as Bachelor’s theses or
Bachelor’s projects and Master’s theses, certificates and certificate supplements, will be retained in
accordance with the time periods set out in the Archiving Guide for Programming Administrations.
Article 8 Annual report
Before 1 December, the Examinations Board produces a report on its activities over the preceding academic year. The Examinations Board sends the annual report to the dean. The annual report is public.

Article 9 Appeals procedure
If a student is unable to agree with a decision by an examiner or the Examinations Board, he or she has the option of submitting an appeal against this decision within six weeks to the Examinations Appeals Board. The appeals procedure can be found at www.uva.nl.

Article 10 Changes
No changes will be made that apply in the current academic year, unless the interests of students will not, within reason, be harmed as a result.

Article 11 Hardship clause
The Examinations Board can make an exception rule in those cases where the provisions of these regulations have an unreasonable and unfair impact on the student.

Article 12 Applicability of regulations
These regulations enter into force on 1 September 2017.

Adopted on 28-06-2017 by the Examinations Board for the degree programmes stated in Article 1.1 of these regulations.