University of Amsterdam
Economics and Business

Teaching and Examination Regulations (OER)
2016-2017

Bachelor’s degree programmes

Actuarial Science
Econometrics and Operational Research
Economics and Business
Fiscal Economics

and

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2016-2017
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These Teaching and Examination Regulations are based on the model-OER 2014-2015

Disclaimer: This translation is provided for information purposes only. In the event of a difference of interpretation, the original Dutch version of this document is binding.
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 (deeltentamens);

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.

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 ECTS 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, unless it is a language acquisition course for a maximum of 12 ECTS credits;
   - there must be no content overlap between the elective and other courses within the student’s postpropedeutic degree 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 ECTS) 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 ECTS and students who have less than 30 credits earned abroad, must supplement this elective component to obtain 30 ECTS. Student can do this by taking one (or more) course(s) that fulfil 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.

8. Students can sign up for a maximum of 42 ECTS credits per semester. A student can request approval to take more than 42 EC per semester no later than on the last day of the period of enrolment. The following conditions apply:

- there is sufficient capacity in the courses;
- nominal study progress in the last 2 periods of which the results are registered in SIS. This means that during these periods you have passed all the courses in accordance with the programme.

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 NAP (‘non-attendance, attempt noted). This is considered an exam attempt.

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 (maximum of 5.5) before the scores have been rounded off (see the course catalogue for the minimum scores for each course).
5. 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.
6. 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.
7. 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. Each type of interim examination is subject to a marking period of ten working days. The examiner submits the necessary information to the relevant Programme Administration and the Programme Administration will then immediately ensure that the marks are registered within three working days. 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 in the 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 second resit opportunity will be offered for the programme-specific course which, within the context of the binding advice on continuation of studies (BSA), students are required to pass at all times, as stipulated in Section B.
7. Contrary to the provisions in paragraph 1, a separate resit is not provided for interim examinations.
8. 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. 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 NAP; ‘niet aanwezig met poging’ (‘non-attendance, attempt noted’). NAP is registered as an examination attempt.

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.
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 ECTS credits, a maximum of 90 ECTS credits may be accumulated through granted exemptions.

Article 4.8 Validity period for results
1. The validity period of examinations passed and exemptions granted is limited to six years.
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 working days after the announcement of the results of a written examination, 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 circumstances beyond his or her control (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 circumstances beyond his or her control (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 ECTS 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 ECTS credits and consists of:
   - The first-year Economics and Business Honours course Economic Policy Analysis.
   - 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 ECTS 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 ECTS 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 ECTS 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 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 every academic year 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 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. ECTS 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 BSA 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 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 18 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. other individually determined personal circumstances and other activities described in individual cases of general benefit to society or 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 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 4 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 2016

Thus drawn up by the Dean of the Faculty of Economics and Business on 15 June 2016.

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 14 March 2016
Fiscal Economics (OC-FE), date: 12 April 2016
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 8 March 2016

Advice of the Works Council (OR), date: 8 June 2016
Approved by the Faculty Student Council (FSR), date: 10 June 2016

Adopted by the Dean of the Faculty of Economics and Business on 15 June 2016
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 programme has a Dutch and an English version. Participation in the English-language version of the programme is optional. From 2017-2018, the second year of this degree programme will be held entirely in English. From 2018-2019, the third year of this degree programme will be held entirely in English.
2. The degree programme does not have different majors.

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.

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.

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.

### 3. Further admission requirements

**Article 3.1 Additional previous education requirements**

1. Admission to the Dutch-language degree programme is possible on the basis of
   a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
   b. completion of the first academic year of a degree programme at a university of applied sciences or at a university as well as demonstrable understanding of mathematics at pre-
university level, as described in the preceding paragraph. The first year of the BSc degree programme in Economics and Business Administration at the Faculty of Economics and Business satisfies these conditions.

2. In addition to paragraph 1, admission to the English-language track within the programme requires the following:
   a. for students with a non-Dutch prior education, a sufficient knowledge of mathematics; this applies in particular to the following preparatory qualifications:
      - International Baccalaureate: Mathematics Higher Level
      - European Baccalaureate: required score: A, B or C for mathematics that is not followed as a familiarisation subject in the final year.
      - United Kingdom: A-level (GCE) Mathematics (required score: A, B or C)
      - Germany: Grundkurs (Abiturfach, required score: at least 10)
      - Ireland: Mathematics HL with grade A, B or C
      - Suriname: Mathematics 1 or 2 in final examinations

   Other countries and/or other preparatory qualifications will be considered individually and the Faculty may set a mathematics test that must be passed by the student.
   b. students with a non-Dutch preparatory qualification should show sufficient proficiency in English, as specified in Article 3.3, paragraph 2 of this Section.

3. Students who are admitted on the basis of paragraph 2 of this Article are not required to satisfy the conditions of Article 3.3, paragraph 1 of this Section.

**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 done their preparatory training in a non-Dutch-speaking country, but who wish to participate in the Dutch degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully.

   This requirement 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. Sufficient knowledge of the English language 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 (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
First-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>Macroeconomics for AEO</td>
<td>Microeconomics for AEO</td>
</tr>
</tbody>
</table>

The second year of the English-language BSc programme in Econometrics and Operational Research will be launched in 2017/2018. This second year will be provided entirely and exclusively in English. For more information about the second and third years of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2016-2017.

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 ECTS 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>

The second year of the English-language BSc programme in Econometrics and Operational Research will be launched in 2017/2018. This second year will be provided entirely and exclusively in English. For more information about the second and third years of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2016-2017.

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 42 ECTS 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 42 ECTS 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 programme in Actuarial Science prior to 1 September 2016 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 1 (6011P0106)</td>
<td>Wiskunde 1: Calculus (6011P0176)</td>
</tr>
<tr>
<td>Wiskunde 2 (6011P0107)</td>
<td>Wiskunde 2: Lineaire Algebra (6011P0177)</td>
</tr>
<tr>
<td>Oriëntatie AEO 1 (6011P0103)</td>
<td>Inleiding Econometrie (6011P0178)</td>
</tr>
<tr>
<td>Oriëntatie AEO 2 (6011P0104)</td>
<td>Inleiding Actuariaat en OR (6011P0179)</td>
</tr>
<tr>
<td>Programmeren en Numerieke Wiskunde (6011P0105)</td>
<td>Programmeren en Numerieke Wiskunde (6011P0180)</td>
</tr>
<tr>
<td>Financiering voor AEO (6011P0098)</td>
<td>Financiering voor AEO (6011P0181)</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.

Thus drawn up by the Dean of the Faculty of Economics and Business on 15 June 2016

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 14 March 2016
Fiscal Economics (OC-FE), date: 12 April 2016
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 8 March 2016

Advice of the Works Council (OR), date: 8 June 2016
Approved by the Faculty Student Council (FSR), date: 10 June 2016

Adopted by the Dean of the Faculty of Economics and Business on 15 June 2016
Section B2: 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. From 2017-2018, the second year of this degree programme will be taught entirely in English. From 2018-2019, the third year of this degree programme will be taught entirely in English.

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;

   Furthermore, depending on the selected major:

   for **Econometrics**:
   - **K5.** 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**:
   - **K6.** Level C knowledge of operational research. This concerns linear, integer and non-linear programming, dynamic programming, network theory, simulation, queueing theory and combinatorial optimisation;
   - **K7.** 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;
   - **K8.** 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.

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.

3. **Further admission requirements**

**Article 3.1 Additional previous education requirements**
1. Admission to the Dutch-language degree programme is possible on the basis of
   a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
   b. completion of the first academic year of a degree programme at a university of applied sciences or at a university as well as demonstrable understanding of mathematics at pre-university level, as described in the above paragraph. The first year of the BSc Economics and Business Administration degree programme at the Faculty of Economics and Business satisfies these conditions.
2. In addition to paragraph 1, admission to the English-language track within the programme requires the following:
   a. for students with a non-Dutch prior education, a sufficient knowledge of mathematics; this applies in particular to the following preparatory qualifications:
      - International Baccalaureate: *Mathematics Higher Level*
      - European Baccalaureate: *required score: A, B or C for mathematics that is not followed as a familiarisation subject in the final year.*
      - United Kingdom: *A-level (GCE) Mathematics (required score: A, B or C)*
      - Germany: *Grundkurs (Abiturfach, required score: at least 10)*
      - Ireland: *Mathematics HL with grade A, B or C*
   b. students with a non-Dutch preparatory qualification should show sufficient proficiency in English, as specified in Article 3.3, paragraph 2 of this Section.
3. Students who are admitted on the basis of paragraph 2 of this Article are not required to satisfy the conditions of Article 3.3, paragraph 1 of this Section.

**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 done their preparatory training in a non-Dutch-speaking country, but who wish to participate in the Dutch degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. This requirement 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. Sufficient knowledge of the English language 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 (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 English-language programme is structured as follows:

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
<th>Period 3</th>
<th>Period 4</th>
<th>Period 5</th>
<th>Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macro-economics for AEO</td>
<td>Micro-economics for AEO</td>
<td></td>
<td>Finance for AEO</td>
<td>Programming and Numerical Analysis</td>
<td></td>
</tr>
</tbody>
</table>

In 2017-2018, the second year of the English-taught BSc programme in Econometrics and Operational Research will be launched. This second year will be taught entirely and exclusively in English. For more information on the second and third years of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2016-2017.

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 ECTS credits unless stated otherwise.

1st year of study

English programme

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

In 2017-2018, the second year of the English-language programme BSc Econometrics and Operational Research will be launched. This second year will be taught entirely and exclusively in English. For more information on the second and third year of the Dutch-language programme and the accompanying list of courses, see the Dutch version of the Teaching and Examination Regulations 2016-2017.
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 42 ECTS 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 42 ECTS 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 2016 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.
### Old course | New course
---|---
Wiskunde 1 (6011P0106) | Wiskunde 1: Calculus (6011P0176)
Wiskunde 2 (6011P0107) | Wiskunde 2: Lineaire Algebra (6011P0177)
Oriëntatie AEO 1 (6011P0103) | Inleiding Econometrie (6011P0178)
Oriëntatie AEO 2 (6011P0104) | Inleiding Actuariaat en OR (6011P0179)
Programmeren en Numerieke Wiskunde (6011P0105) | Programmeren en Numerieke Wiskunde (6011P0180)
Financiering voor AEO (6011P0098) | Financiering voor AEO (6011P0181)

### 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 2016.

Thus drawn up by the Dean of the Faculty of Economics and Business on 15 June 2016.

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 14 March 2016
Fiscal Economics (OC-FE), date: 12 April 2016
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 8 March 2016

Advice of the Works Council (OR), date: 8 June 2016
Approved by the Faculty Student Council (FSR), date: 10 June 2016

Adopted by the Dean of the Faculty of Economics and Business on 15 June 2016.
Section B3: programme-specific section for BSc in Economics and Business

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. 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:

Level B knowledge of micro-economics, in particular market operations in a mixed economic order;

K19. Level B knowledge of macro-economic issues and the analysis methods used for these;

K20. 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;

K21. Level B knowledge of the role of money and credit, and of monetary and financial institutions in the economy;

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 Bedrijfskunde (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 ECTS 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 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 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:
- 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 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 ECTS credits.
First-year curriculum:

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
<th>Period 3</th>
<th>Period 4</th>
<th>Period 5</th>
<th>Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Accounting</td>
<td>Academic English and Skills</td>
<td>Statistics</td>
<td>Finance</td>
<td>Research Project</td>
</tr>
<tr>
<td>Marketing and Strategy</td>
<td>Microeconomics</td>
<td></td>
<td>Organisation and Management</td>
<td>Macroeconomics</td>
<td></td>
</tr>
</tbody>
</table>

Business Administration major, second-year curriculum:

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
<th>Period 3</th>
<th>Period 4</th>
<th>Period 5</th>
<th>Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategic Management</td>
<td>Finance</td>
<td>Project 1: Academic Writing and Literature Study</td>
<td>Management Accounting, Intermediate</td>
<td>Organisational Psychology</td>
<td>Project 2: Qualitative Research</td>
</tr>
<tr>
<td>MR 1: Introduction to Academic Research</td>
<td>Marketing</td>
<td></td>
<td>MR 2: Quantitative Research Methods</td>
<td></td>
<td></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 ECTS credits and elective components with a total workload of 36 ECTS credits. The third year of the English-language programme is made up as follows:

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
<th>Period 3</th>
<th>Period 4</th>
<th>Period 5</th>
<th>Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective*</td>
<td>Elective*</td>
<td>Elective*</td>
<td>Marketing Management</td>
<td>Elective or Internship</td>
<td>Bachelor’s Thesis and Thesis Seminar Business Administration</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Strategy and Organisation</td>
<td>Bachelor’s Thesis and Thesis Seminar Business Administration</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>Period 1</th>
<th>Period 2</th>
<th>Period 3</th>
<th>Period 4</th>
<th>Period 5</th>
<th>Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Statistics</td>
<td>Finance</td>
<td>Economic Methodology</td>
<td>Microeconomics</td>
<td>Macroeconomics</td>
<td>Game Theory</td>
</tr>
<tr>
<td>Economics of Markets and Organisations</td>
<td>Money and Banking</td>
<td></td>
<td>Intermediate Mathematics</td>
<td>International Money</td>
<td></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><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>Elective*</td>
<td>Elective*,**</td>
</tr>
<tr>
<td>Econometrics</td>
<td>Elective* or</td>
</tr>
<tr>
<td></td>
<td>Bachelor’s</td>
</tr>
<tr>
<td></td>
<td>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 ECTS credits and electives with a total workload of 12 ECTS 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 Corporate Finance</td>
<td>Elective</td>
</tr>
<tr>
<td>Econometrics</td>
<td>Elective</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 Statistics</td>
<td>Finance</td>
</tr>
<tr>
<td>Economics of Markets and Organisations</td>
<td>Money and Banking</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 ECTS credits and electives with a total workload of 30 ECTS 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 Corporate Finance</td>
<td>Organisational Economics</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 ECTS 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>
<tr>
<td>6011P0139</td>
<td>Microeconomics</td>
<td>2</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 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS 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 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0324</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar (12 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0325</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar with Thesis Internship (18 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0345</td>
<td>Bachelor’s Thesis and Economics and Finance Thesis Seminar (12 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0346</td>
<td>Bachelor’s Thesis and Economics and Finance Thesis Seminar with Thesis Internship (18 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0326</td>
<td>Bachelor’s Thesis and Finance and Organisation Thesis Seminar (12 ECTS credits)</td>
<td>2+3</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0327</td>
<td>Bachelor’s Thesis and Finance and Organisation Thesis Seminar with Thesis Internship (18 ECTS credits)</td>
<td>5+6</td>
<td>≥120 ECTS credits obtained and first-year programme completed</td>
</tr>
<tr>
<td>6012B0207</td>
<td>Advanced Corporate Finance</td>
<td>1</td>
<td>First-year programme completed + Financiering (6012B0217) or Finance (6012B0315)</td>
</tr>
<tr>
<td>6012B0265</td>
<td>Behavioural Economics</td>
<td>5</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0266</td>
<td>Corporate Governance</td>
<td>4</td>
<td>First-year programme completed</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>First-year programme completed</td>
</tr>
<tr>
<td>6012B0267</td>
<td>Cultural Industries</td>
<td>1</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0269</td>
<td>Development Economics</td>
<td>4</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0268</td>
<td>E-Business</td>
<td>5</td>
<td>First-year programme completed</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</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
### Organisations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0272</td>
<td>Economie van de Sociale Zekerheid (Dutch)</td>
<td>5</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0215</td>
<td>Entrepreneurship and Innovation</td>
<td>2</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0304</td>
<td>Entrepreneurship in Practice</td>
<td>4+5+6</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0341</td>
<td>Environmental Economics</td>
<td>5</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0315</td>
<td>Finance</td>
<td>2</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>First-year programme completed</td>
</tr>
<tr>
<td>6012B0223</td>
<td>Industrial Organisation</td>
<td>2</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0224</td>
<td>Information Management</td>
<td>1</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0317</td>
<td>Intermediate Financial Accounting 1 (English)</td>
<td>2</td>
<td>Accounting (6011P0150)</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>Macroeconomics (6011P0138) ór Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0232</td>
<td>International Trade and Investment</td>
<td>2</td>
<td>Micro-economie (6011P0126) or Microeconomics (6011P0139) or Micro-economie voor AEQ (6011P0102) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0331</td>
<td>Economic Policy Analysis (Honours course)</td>
<td>5+6</td>
<td>Mathematics (6011P0153)</td>
</tr>
<tr>
<td>6012B0339</td>
<td>Intermediate Mathematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0233</td>
<td>Investment and Portfolio Theory 1</td>
<td>4</td>
<td>Required: Financiering (6011P0164) ór Finance (6011P0165)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Strongly recommended: Financiering (6012B0217) ór Finance (6012B0315)</td>
</tr>
<tr>
<td>6012B0234</td>
<td>Investment and Portfolio Theory 2</td>
<td>5</td>
<td>Required: Financiering (6011P0164) ór Finance (6011P0165)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Strongly recommended: Financiering (6012B0217) ór Finance (6012B0315)</td>
</tr>
<tr>
<td>6012B0275</td>
<td>Labour Economics</td>
<td>4</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0321</td>
<td>Macroeconomics</td>
<td>5</td>
<td>Macroeconomics (6011P0138) + Microeconomics (6011P0139) ór Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0322</td>
<td>Management Accounting, Intermediate (English)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0236</td>
<td>Management Accounting, Advanced</td>
<td>5</td>
<td>Management Accounting, Intermediate (6012B0237) / (6012B0322)</td>
</tr>
<tr>
<td>6012B0323</td>
<td>Marketing (English)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0239</td>
<td>Marketing Management</td>
<td>4</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>ECTS</td>
<td>Notes</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>6012B0324</td>
<td>Microeconomics</td>
<td>4</td>
<td>Microeconomics (6011P0139) ór Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0242</td>
<td>Monetary and Fiscal Policy</td>
<td>3</td>
<td>Geld en Bankwezen (6012B0221) ór Money and Banking (6012B0316)</td>
</tr>
<tr>
<td>6012B0316</td>
<td>Money and Banking</td>
<td>2</td>
<td>Microeconomics (6011P0139) ór Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0243</td>
<td>MR1: Introduction to Academic Research</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0244</td>
<td>MR2: Quantitative Research Methods</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0245</td>
<td>Ondernemingsrecht</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0247</td>
<td>Operations and Process Management</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0248</td>
<td>Organisational Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0249</td>
<td>Organisational Psychology</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0327</td>
<td>Political Economy: Dialectical Methodology</td>
<td>5</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0251</td>
<td>Project 1: Academic Writing and Literature Study</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0252</td>
<td>Project 2: Qualitative Research</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0254</td>
<td>Public Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0279</td>
<td>Regulation, Regulatory Impact and Reform</td>
<td>1</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0280</td>
<td>Retail Marketing</td>
<td>1</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0345</td>
<td>Social Entrepreneurship</td>
<td>2 + 3</td>
<td>Admitted to honours programme</td>
</tr>
<tr>
<td>6012B0256</td>
<td>Strategic Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0257</td>
<td>Strategy and Organisation</td>
<td>4</td>
<td>Strategisch Management (6012B0312) ór Strategic Management (6012B0256)</td>
</tr>
<tr>
<td>6012B0281</td>
<td>Transition Economics</td>
<td>4</td>
<td>First-year programme completed</td>
</tr>
<tr>
<td>6012B0282</td>
<td>Vastgoedkunde</td>
<td>5</td>
<td>First-year programme completed</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 42 ECTS credits from the first-year degree programme, including the course Mathematics, 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 42 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

1. The following applies to students of Economics and Business Administration taking the major in Business Administration:

The compulsory courses *HRM, Entrepreneurship and Innovation* and *Project 3: Quantitative Research* will no longer be compulsory in 2016-2017. Students who have already passed these courses by 1 September 2016 can include these courses as elective subjects.

2. The following applies to students of Economics and Business Administration taking the major in Economics:

Students who started the programme before 1 September 2016 should transfer to the new programme, whereby 12 ECs of courses should be chosen from the list of restricted electives (Article 4.4). The courses that were compulsory in previous years, *Public Economics, Industrial Organisation, International Trade and Investment* and *Monetary and Fiscal Policy*, can be followed as restricted or optional subjects.

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 2016

Thus drawn up by the Dean of the Faculty of Economics and Business on 15 June 2016.

Advice from the Board of Studies,
Economics & Business (OC-E&B), date: 14 March 2016
Fiscal Economics (OC-FE), date: 12 April 2016
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 8 March 2016

Advice of the Works Council (OR), date: 8 June 2016
Approved by the Faculty Student Council (FSR), date: 10 June 2016

Adopted by the Dean of the Faculty of Economics and Business on 15 June 2016
Appendix I: Rules and Guidelines for the Examinations Board 2016-2017

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

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

Professional programmes:
s. Postmaster Actuarial Practice Cycle (APC)
t. Amsterdam-IT Audit Programme (AITAP)
u. Executive Internal Auditing Programme (EIAP)
v. Postmaster Accountancy (PMA)
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 or complaint is accompanied by a reason for the request or description of the complaint.
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. In principle, every course coordinator who has at least an annual contract with the Faculty is automatically appointed as the examiner for the course in question. Examiners from other UvA faculties who hold examinations for courses that form part of the Bachelor’s and Master’s programmes in Economics and Business Administration are also authorised to act as examiners. The Examinations Board can appoint external experts as examiners.

Article 3.2 – Signing authority
Aside from exam lists and exam letters, the examiner is authorised to sign recommendations for 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.

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
1. If a bonus scheme is included, this will only be awarded if the final grade prior to the bonus is at least 5.5 or higher.
2. 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 4.5 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 4.6 – 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.

Article 4.7 – 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 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 identify, 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 for English terms is permitted.
10. During the examination, 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. If an irregularity observed by the examiner later proves to be incorrect, and this resulted in the student having to leave the examination room prematurely as described in paragraph 12, the student has the right to an extra resit at a time to be determined in consultation with the student.
15. The name of the student and his student ID card number should be included on every answer sheet that is handed in.
16. 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.
17. 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. As an exception to this, this rule does not apply to examinations that include questions from external institutions (testbanks) that are covered by copyright.
Article 4.8 – 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 4.9 – 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 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. d. 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 4.10 – Championship Sports Regulations
Students with championship sports status are subject to special regulations concerning examination dates for high-level athletes. 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 4.11 – 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 afstudeersteun hoger onderwijs’);
   h. other individually determined personal circumstances and other 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 4.12 – Fraud and Plagiarism
If the student acts in a 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. Notwithstanding the provisions in paragraph 1, the Examinations Board can approve parts of the study programme that are described in older versions of the Teaching and Examination Regulations. However, these regulations should date from a maximum of three years prior to the academic year in which the study programme is being put to the Examinations Board for assessment.
3. 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 Examination 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 Afstudeervereisten’) 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, unless it is a language acquisition course (maximum of 12 credits);
   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, excluding the Bachelor’s thesis, 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 NAP registration is 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, with an extension of no longer than one year.

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, excluding the Master’s thesis, is at least 8.0;
   c. there are no resits for any course. A NAP registration is 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.

4. The Examinations Board reserves the right to take other factors into account in the assessment.

Transitional provision:

Students who commenced their degree programme prior to 01-09-2016 do not have to satisfy the condition set out in paragraph 1, sub-section E or paragraph 2, sub-section E.

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 ‘Entrepreneurship’ minor.

**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;
   c. a recommendation from the course lecturer;
   d. if requesting an exemption on the grounds of having passed parts abroad, a declaration from the Admissions Office of Economics and Business Administration. This declaration should make reference to the level of the programme for which the courses were passed.

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. If the courses do form part of a completed degree programme, the period of validity of three or six years respectively may be exceeded.

4. An exemption will not be granted for compulsory courses from the curriculum if the replacement course was followed during regular enrolment at Economics and Business Administration. Students with a university Bachelor’s or Master’s degree certificate can be exempted from minors or from optional subjects in the Bachelor’s study programme, regardless of their size.

5. Students with a university Bachelor’s or Master’s degree certificate can be exempted from minors or from optional subjects in the Bachelor’s study programme, regardless of their size. However, the following exceptions apply:
   - 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.

6. 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.

7. 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.

8. Students who are following both the Master’s in Actuarial Science and Mathematical Science and the Master’s in Econometrics can request exemptions for overlapping compulsory courses and/or electives, on condition that at least one elective amounting to 5 credits is followed within both degree programmes without an exemption.

**Article 8 – 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 9 – 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 10 – 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 11 – 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 12 – 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 13 – Applicability of regulations**

These regulations enter into force on 1 September 2016.

Adopted on 16-06-2016 by the Examinations Board for the degree programmes stated in Article 1.1 of these regulations.