University of Amsterdam
Economics and Business

Teaching and Examination Regulations (OER) 2019-2020

Bachelor’s degree programmes

Actuarial Science
Business Administration
Econometrics
Economics and Business
Economics and Business Economics
Fiscal Economics

and

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Appendix I: Rules and Guidelines of the Examinations Board 2018-2019

Appendix II: Minor programmes 2019-2020 UvA EB
These Teaching and Examination Regulations are based on the model-OER dated 3 July 2018

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
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 also referred to as: the degree programme) offered by the UvA Faculty of Economics and Business (hereinafter also referred to as: ‘the Faculty’ or ‘the FEB’).
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 degree 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 (ECTS = European Credit and Transfer Accumulation System). The workload for 1 year (1,680 hours) is 60 ECTS;

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 (UvA): the University of Amsterdam;


The other terms have the meanings ascribed to them by the WHW.

2. Previous education and admission

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

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

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

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

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

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

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

2. Section B Article 3.2 stipulates the requirements set for such an examination.

Article 2.4 Refusal or termination of enrolment (unsuitability/iudicium abeundi)
1. Based on the provisions of Section 7.42a of the WHW, the Dean or the Examinations Board may, in exceptional cases, ask the Executive Board to terminate or refuse a student’s enrolment in a programme, if that student’s actions or remarks show that he or she is unsuitable either for practising
one or more of the professions for which the programme in question is preparing the student or for the practical preparation for professional practice.

2. If a student is suspected of being unsuitable as described in paragraph 1, the Examinations Board or the Dean will institute an inquiry, of which the student shall be informed immediately. The Examinations Board or the Dean will not issue any recommendation without carefully considering the interests involved and giving the student the opportunity to be heard.

3. Degree programme structure

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

Article 3.2 Programme structure and participation in courses
1. The programme comprises the units of study included in Section B of the Teaching and Examination Regulations.
2. The programme has a workload of 180 ECTS.
3. A unit of study that is offered by the FEB comprising 6 ECTS or a multiple thereof.
4. Electives within the elective part of the curriculum for a Bachelor’s degree 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 UvA;
   - the course must, at least, be at the postpropedeutical level. It is permitted to deviate from this requirement with a maximum of 12 ECTS. In that case, the course must, at least, be at the first-year Bachelor’s level;
   - there must be no substantial content overlap between the elective and other courses within the student’s Bachelor’s degree programme;
   - the student must request permission from the Examinations Board in relation to courses taken outside the FEB. Some degree programmes and majors have restrictions on elective courses. These restrictions are explicitly stated in the course catalogue.
5. A minor (30 ECTS) within the minor component of the curriculum for a Bachelor’s degree 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. Appendix II includes all minors offered by Economics and Business.
- Via its partner universities, the FEB 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. Students can do this by taking one (or more) course(s) that fulfil the requirements of electives.
Article 3.3 Internationalisation
Attention will be paid to internationalisation during the Bachelor’s degree programme. In Article 2.2 of each Section B is indicated how this is put into practice in the specific programme.

4. Assessment and examinations

Article 4.1 Signing up for examinations
1. Students who have signed up for a unit of study are also signed up for the examinations for that unit, including any interim examinations and resits.
2. Students must be signed up in advance for each unit of study. Students can only sign up for participation in a unit of study in the periods designated for that purpose. The periods and the procedure to be followed are determined by the Dean before 1 June and published at http://student.uva.nl/eco/az/item >course-and-exam-registration. Article 1.2 of each Section B indicates whether the degree programme can accommodate flexible-learning students, and the maximum number of students that may be accepted.
3. Students can sign up for a maximum of 42 ECTS per semester. This maximum applies for courses offered by the FEB and for each Bachelor’s degree programme for which the student is registered.
4. For participation in courses conditions can be imposed regarding:
   - previously obtained courses. These entry requirements are mentioned in the list of units of study in Article 4.10 Section B. Participation in courses and exams is only possible if the student fulfils the entry requirements of the course. No later than the third or fourth week of lectures, when the marks of the required courses are registered, this requirement will be checked;
   - attending lectures or tutorials. These conditions can be found in the course description of the course catalogue.
   Students who do not wish to participate in a unit of study for which they are signed up should sign out via SIS in the periods designated for that purpose. The periods and the procedure to be followed are determined by the Dean before 1 June and published at http://student.uva.nl/eco/az/item >course-and-exam-registration. Students who do not attend a course for which they are registered will receive the result NA (‘non-attendance’) for the course in question.
5. Rules concerning admission to units of study with limited capacity can be included in Section B.
6. 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 (6013B0543) is a compulsory part of their Master’s programme may enrol for this Bachelor’s course.

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. At least 60% of the examinations for a course should be based on individual assessments. For assessed components of a course, including interim examinations, assignments and final examinations, a minimum score may be set for completing the course successfully. The mark of the final examination for every course must always be at least 5.0 (maximum of 5.5) before the scores have been rounded off (see the course catalogue for the minimum scores for each course). If a course only consists of centrally organised exams, the minimum of 5.0 for the final examination applies without a maximum of 5.5.
4. A bonus may not exceed 0.5 points and will only be awarded if the final mark without bonus is at least 5.50 or higher.
5. The procedures and guidelines for assessment and awarding results in interim and other examinations are described in the Rules and Guidelines for the Examinations Board as laid down in Section 7.12b of the WHW.
7. Students who participate in a study trip which has been approved by the director of the College of Economics and Business are entitled to alternative options for meeting attendance requirements during the period of the study trip. However, this does not hold for interim examinations, final examinations, resits or inspections.
8. For any course with written examinations, students are entitled to receive representative examination examples including answers. The examples must be representative in terms of length, type of questions and content and need to be posted on Canvas.

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. Centrally organised interim examinations are subject to a marking period of ten working days. The examiner submits the final marks to the relevant Programme Administration and the Programme Administration will then immediately ensure that the results are registered within three working days following the submission of the marks by the examiner. The Programme Administration also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.
2. The examiner determines the result (= mark) of an oral examination as soon as the examination has finished and informs the student accordingly. The fourth sentence of the first paragraph applies.
3. In the case of an examination in other than oral or written form, the Examinations Board determines in advance how and by what deadline the student will be informed of the results.
4. Together with the result of an examination, students’ attention will also be drawn to their right to inspect the assessed work and have a post-examination discussion as stipulated in Article 4.9.
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
1a. An opportunity will be offered to sit final examinations for courses within a degree programme twice in each academic year.
1b. Bachelor’s and Master’s students of the Faculty Economics and Business are eligible for an extra resit in August when all the stated conditions are met:
   - the course is offered by the Faculty of Economics and Business;
   - the student has successfully completed all other courses of the programme (including the thesis at the first attempt);
   - the student has used both exam opportunities in the current academic year.
   - the result of one of the above mentioned exam opportunities is at least a 5.0. Only the grade that is registered in SIS will be taken into consideration.
2. Paragraph 1 does not apply to a work placement or a thesis. The options for redoing work placements and theses are detailed in the relevant work placement manual or graduation handbook, whereby students do not have opportunity to resit if they have earned a pass mark for their work placement or thesis.

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

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

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

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

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

**Article 4.6 Marks**

1. Final marks are given on a scale from 1 to 10. Only whole or half marks (.0 or .5), with the exception of the mark 5.5, may be awarded. This provision does not apply to marks of interim examinations. Marks of interim examinations and final exams will not be rounded off.

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 mark. Marks from (and including) 4.75 to (excluding) 5.5 will be rounded up to 5. Marks 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 mark will be the weighted average with a maximum of 5.0. For a number of courses, the minimum mark for the final assessment is higher than 5.0. This is indicated in the description of assessment in the course description for the course in question.

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

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

**Article 4.7 Exemption**

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

2. Contrary to the provisions of paragraph 1, no exemptions shall be granted for components of the first year of the degree programme. The Examinations Board may grant exemptions to students who are already enrolled in a particular Bachelor’s degree programme of the FEB and received a positive binding advice regarding continuation of studies and who wish to transfer to another Bachelor’s degree 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 degree programme.

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

4. To meet the requirements of the Bachelor’s examination, in the curriculum for a degree programme with a total work load of 180 ECTS, a maximum of 60 ECTS may be accumulated through granted exemptions.
5. Students with a university Bachelor’s or Master’s degree certificate from outside of the FEB may be exempted from minors or optional subjects in the Bachelor’s degree programme, irrespective of their size.

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

**Article 4.8 Validity period for results**
1. Passed Bachelor’s courses have a guaranteed validity period of 6 years. The Examinations Board will extend the validity period of passed courses so long as the courses are still part of the curriculum and their substance has not changed.
2. Contrary to the provisions of paragraph 1 and 2 is the validity period of an interim examination is limited to the first exam that is offered for the course. 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 course.

**Article 4.9 Right of inspection**
1. Within twenty-five working days after the date upon which a written examination was held, the student can, on request, inspect his or her assessed work and the questions and assignments set, as well as the standards applied for marking.
2. The examiner can determine that the inspection takes 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 Canvas page and/or the Faculty website. There must be at least five working days between this announcement and the time of the inspection. The student who is present at the inspection, is entitled to receive feedback on the examination.
3. If the student was unable to attend at the place and time referred to in paragraph 2 due to personal circumstances, as mentioned in Article 4.9 of the Rules and Guidelines of the Examinations Board (appendix 1) (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 will 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 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 4.11 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
obtained and the way in which the examinations were taken.

**Article 4.12 Fraud and plagiarism**
1. The provisions of the UvA Regulations governing Fraud and Plagiarism for UvA Students apply in
full.
2. Electronic detection programs will 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. Honours Programmes shall be fully governed by the Honours Programme Decision of 27
November 2018.
2. 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.
3. The Honours programme comprises 30 ECTS and consists of:
   - the first-year Honours course ‘The Why Axis’;
   - at least 18 ECTS from 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 the FEB;
   - 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 degree
programme.
4. 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 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 from the first year and have a weighted average mark,
before rounding up, of 7.50 or higher.
5. In order to prevent significant unfairness, the Examinations Board can depart from the criteria
referred to in paragraphs 3, 4, 6 and 7.
6. A student who has both met the requirements of the regular Bachelor’s degree 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 degree 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, by the end of the second academic year, the
student must have secured all ECTS from the first two years and have a weighted average mark,
before rounding up, of 7.50 or higher for all components of the first two years of the Bachelor’s
degree programme.
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 enrolled 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 degree programme with advice regarding the continuation of his or her studies at the end of the first academic year.
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 for exemptions do not count towards a determination of the number of acquired ECTS 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 Binding Study Advice Committee and how he or she can apply for such a hearing. Students who don’t apply for such a hearing, will receive a final negative binding advice regarding continuation of studies.
5. The Binding Study Advice Committee is authorised on behalf of the Dean to give dispensation from the negative binding advice regarding continuation of studies in the event of personal circumstances. As soon as possible after the hearing the decision will be made as to which students will be given such dispensation.
6. An objection to a negative binding advice regarding continuation of studies may be lodged within six weeks of the day on which the decision was made known. This objection must be sent to the Examinations Appeal Board of the institution.
7. A negative binding advice regarding continuation of studies means that the student may not enrol for the Bachelor’s degree programmes stated in Article 7.2 of Section B within the next three academic years.
8. An advice regarding continuation of studies as referred to in sub 3 will not be issued to a student who submits a request for termination of enrolment before 1 February of the first year of enrolment. This rule may only be invoked once.
9. A student who is given dispensation from the negative binding advice regarding continuation of studies and who re-enrolls in a subsequent academic year will be issued a binding advice regarding continuation of studies as referred to in Article 6.3 sub 3. The re-enrolled student must once again meet the required standard described in Article 7.2 of Section B, not including any previously passed courses. If the student needs fewer than the number of ECTS set down in the standard in order to fully complete the first year, then a positive binding advice regarding continuation of studies will only be given if all of the remaining first-year Bachelor’s courses are passed.

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 sub 1 of Article 6.3.

2. If a circumstance as referred to in sub 3 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. Within the meaning of this article, only the following are deemed to be personal circumstances:
   a. illness of the student;
   b. physical, sensory or other function impairment of the student;
   c. pregnancy of the student;
   d. special family circumstances;
   e. membership of a representative advisory body or degree programme committee of the University;
   f. membership of an assessment committee as referred to in Section 5a of the WHW;
   g. membership of the board of a student organisation designated by the Minister within the context of the Regulation on the Administrative Provisions for National Graduation Support in Higher Education;
   h. activities described in individual cases in the interest of the University, to be determined, with due observance of the Executive Board guidelines, by the Dean.
   i. engagement in professional sports: the student has been given the official UvA top-class athlete status by the student counsellors and can demonstrate that his or her sports schedule has led to delays in study.

Article 6.5 Adaptations for students with a disability

1. A student with a disability can qualify for special adaptations with regard to teaching, practical training and examinations if the student has a statement of the student counsellor. This reference must in part be based on a recent statement from a physician or psychologist. 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 Dean or, on his 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.

3. 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.

4. The statement referred to in sub 3 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. Teaching Evaluation

Article 7.1 Teaching Evaluation

8. Hardship clause

Article 8.1 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.

9. Transitional and final provisions

Article 9.1 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 9.2 Transitional provisions
1. The Examinations Board shall propose a transitional arrangement, with due regard for the provisions in the WHW regarding examinations and examination components, for students who, on the date when these Regulations come into force, have passed one or more but not all of the examination components and whose interests are damaged by these Regulations where they deviate from those in older versions.
2. Programme-specific transitional provisions are listed in subsections 1 to 5 of Section B.

Article 9.3 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 9.4 Effective date
Section A of these Regulations will come into force as of 1 September 2019


Advice of the Works Council (OR), date: 20 May 2019 Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Section B1: programme-specific section BSc Actuarial Science


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

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

2. Programme objectives and exit qualifications

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

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

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

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

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

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

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

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

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

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

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

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

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

Article 3.1 Additional previous education requirements
1. Admission to the degree programme is possible on the basis of:
   a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
   b. an HBO (higher professional level) diploma or completion of the first academic year of an HBO degree programme as well as demonstrable understanding of the English language and mathematics at pre-university level, as described in the preceding paragraph.
2. An EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B. A mathematics assessment set by the FEB can be part of the admission requirements.
3. A non-EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B and a passed mathematics assessment set by the FEB.

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

Article 3.3 Language requirements
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully.
   In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website:
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   - TOEFL IBT test: minimum score of 92, at least 22 for every interim score - IELTS test: minimum score of 6.5 overall, at least 6 for every interim score
   - Cambridge Assessment English:
     - Certificate in Advanced English: 170 Points Overall and in each skill
     - Certificate of Proficiency in English: 170 Points Overall and in each skill
   Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.

4. Curriculum Structure

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

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

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

<table>
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<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 AE</td>
<td>Microeconomics for AE</td>
</tr>
</tbody>
</table>

Second-year curriculum of the English programme:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Mathematics 3: Advanced Linear Algebra and Real Analysis</td>
<td>Probability Theory and Statistics 3</td>
</tr>
<tr>
<td>Life Insurance Mathematics</td>
<td>Mathematics 4: Multivariate Analysis</td>
</tr>
</tbody>
</table>

Third-year curriculum of the English programme:
The third year of the Bachelor’s degree programme comprises compulsory components with a total study load of 36 ECTS and electives with a total study load of 24 ECTS. The third year is structured as follows:

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

Article 4.5 Elective subjects, minors, studying abroad
For the general rules, see Article 3.2 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 take the Mathematical and Empirical Finance course 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 the Bachelor’s Thesis and Thesis Seminar Actuarial Science. The course catalogue describes in what way the activities within the seminar influence the thesis mark.
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 Bachelor’s Thesis and Thesis Seminar Actuarial Science.

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

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

**Article 4.9 Degree**
See Article 4.11 sub 3 in Section A.

**Article 4.10 List of courses**
All courses carry 6 ECTS 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>6011P0260</td>
<td>Finance for AE</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0286</td>
<td>Introduction Data Science: Data Preprocessing</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6011P0285</td>
<td>Introduction Econometrics and Actuarial Science</td>
<td>3</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>6011P0284</td>
<td>Macroeconomics for AE</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0283</td>
<td>Microeconomics for AE</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0174</td>
<td>Programming and Numerical Analysis</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0166</td>
<td>Mathematics 1: Calculus</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0171</td>
<td>Mathematics 2: Linear Algebra</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
2nd 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>6013B0353</td>
<td>Bachelor’s Thesis and Thesis Seminar Actuarial Science (12 ECTS)</td>
<td>5+6</td>
<td>≥120 EC credits attained and first year of study completed</td>
</tr>
<tr>
<td>6012B0374</td>
<td>Econometrics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0376</td>
<td>Empirical Project</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0350</td>
<td>Life Insurance Mathematics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0287</td>
<td>Mathematical and Empirical Finance</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0375</td>
<td>Mathematical Economics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0370</td>
<td>Mathematics 3: Advanced Linear Algebra and Real Analysis</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0373</td>
<td>Mathematics 4: Multivariate Analysis</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0377</td>
<td>Operations Research 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0379</td>
<td>Optimisation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0378</td>
<td>Econometrics 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0371</td>
<td>Probability Theory and Statistics 3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0351</td>
<td>Risk Theory</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0369</td>
<td>Research Seminar Actuarial Science and Mathematical Finance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0353</td>
<td>Stochastic Models in Life Insurance</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0352</td>
<td>Financial Accounting in Life Insurance</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

To participate in the above courses, students must be enrolled on either the BSc Econometrics degree programme or the BSc Actuarial Science degree programme. Students registered for the Econometrics and Mathematical Economics minor or the Actuarial Sciences minor may also be admitted. Other students may be admitted by the Examinations Board on the basis of the advice from the relevant course coordinator or programme director.

5. Electives

Article 5.1 Minors
See Article 3.2 sub 5 in Section A

Article 5.2 Electives
Electives must conform to Article 3.2, sub 4 of Section A. For more information about recommended electives, consult the Course Catalogue: [www.studiegids.uva.nl](http://www.studiegids.uva.nl)

6. Honours programme

Article 6.1 Honours programme
See Article 5.1 sub 3 of Section A.
7. Academic student counselling and advice regarding continuation of studies

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

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

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. Operations Research 2
   From 1 September 2018 onwards the course Operations Research 2 has been replaced by the course Econometrics 2 as compulsory part of the curriculum. Operations Research 2 will be offered for the last time in academic year 2019-2020. This means that:
   - students who started 1 September 2016 or earlier are obligated to complete the course Operations Research 2 to graduate in academic year 2019-2020;
   - students who started 1 September 2017 are obligated to complete the course Econometrics 2 or Operations Research 2 to graduate in academic year 2019-2020.

2. Students who began the Bachelor’s degree programme in Actuarial Sciences before 1 September 2019 and have not yet passed the old course must take the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance for AEO (6011P0172)</td>
<td>Finance for AE (6011P0260)</td>
</tr>
<tr>
<td>Introduction Actuarial Science and OR (6011P0175)</td>
<td>Introduction Data Science: Data Preprocessing (6011P0286)*</td>
</tr>
<tr>
<td>Introduction Econometrics (6011P0170)</td>
<td>Introduction Econometrics and Actuarial Science (6011P0285)</td>
</tr>
</tbody>
</table>
Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business 2019-2020
Section B1: programme-specific section BSc Actuarial Science

<table>
<thead>
<tr>
<th>Macroeconomics for AEO (6011P0167)</th>
<th>Macroeconomics for AE (6011P0284)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microeconomics for AEO (6011P0169)</td>
<td>Microeconomics for AE (6011P0283)</td>
</tr>
<tr>
<td>Mathematics 3: Linear Algebra and Unconstrained Optimization (6012B0370)</td>
<td>Mathematics 3: Advanced Linear Algebra and Real Analysis (6012B0385)</td>
</tr>
<tr>
<td>Mathematics 4: Multi Variable Analysis and Constrained Optimization (6012B0373)</td>
<td>Mathematics 4: Multivariate Analysis (6012B0386)</td>
</tr>
</tbody>
</table>

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

### Article 8.4 Effective date
Section B of these Regulations will come into force as of 1 September 2019

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operations Research (OC-AEO), date: 16 May 2019
Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Section B2: programme-specific section BSc Business Administration

1. General provisions

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

Article 1.2 Degree programme information
1. The Bachelor’s degree programme Business Administration has CROHO number 50897. It is a full-time degree programme.
2. A teaching unit consists of 6 ECTS, or an integer multiple of this.
3. The programme will be taught in the English language, while in the first year tutorials will also be offered in Dutch within the limit of available Dutch speaking teaching capacity.
4. The Business Administration degree programme admits flexible-learning students. For the academic year 2019-2020 the maximum number of flexible-learning students in this programme has been set at 70.

2. Programme objectives and Intended Learning Outcomes

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

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

Four different specialisations are offered:
- Accountancy & Control: here attention is paid to the accurate reporting of accounting information and the role of this information in the management of organisations;
- Finance: this specialisation covers various aspects of financing, such as financial markets and the financial decision-forming of businesses and investors;
- Entrepreneurship & Digital Business: this specialisation explores the various aspects of entrepreneurship as well as the role of digital technologies in businesses.
Management Studies: the focus here is on the management of organisations and in-depth knowledge of aspects such as strategy, marketing and leadership.
Article 2.2 Intended Learning Outcomes
The Dublin Descriptors distinguish between five categories of learning outcomes that students need to meet at the end of their Bachelor’s degree programme. Upon completion of the programme, students need to have acquired: knowledge and understanding in their field of study, the ability to apply this knowledge and understanding, the ability to make informed judgements, the ability to communicate adequately, and the ability to learn autonomously. This Bachelor’s degree programme in business administration builds its learning outcomes around the five Dublin descriptors.

Knowledge and understanding
Upon successful completion of the programme, students have knowledge and understanding of:
- the fields of economics, psychology, and law in relation to business administration;
- designing and conducting business research;
- discipline related global issues and trends.

Upon completion of the programme, students also have basic knowledge and understanding of:
- main problems and theories in the area of the different functional (e.g., marketing, accounting) as well as integrative business administration fields (e.g., internationale aspecten van de bedrijfsvoering en informatie- en databeheer international aspects of business operations and information and data management).

Upon completion of the programme, students also have advanced knowledge and understanding of:
- advanced problems and theories in the area of their specialisation (Management in the Digital Age, Accountancy and Control, Finance, Entrepreneurship, Innovation & Creativity).

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

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

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

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

3. Admission

Article 3.1 Additional previous education requirements
1. The following requirements are grounds for admission to the programme:
a. A Dutch student can be admissible to the programme on the basis of a VWO degree, including Mathematics A or B.
b. A student with an ‘HBO’ (higher professional education) diploma or who has completed the first year of an ‘HBO’ programme, and who can demonstrate sufficient command of Mathematics and English, can be admissible to the programme.

c. An EU-student can be admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B and English.

d. A non-EU-student can be admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B. Non-EU students may also need to pass a Mathematics test provided by the Faculty.

e. Students who apply for a study need to follow the procedure which is written in the Enrolment Provisions for the University of Amsterdam 2019-2020. Application in Studielink no later than 15 January before the start of the academic year is required, as is participation in the selection procedure.

Article 3.2 Colloquium doctum
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
   b. Mathematics 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. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully.

   In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website: http://www.uva.nl/en/education/bachelor-s/how-to-apply/dutch-taught-programmes/prior-education-non-dutch/dutch-language-requirements/dutch-language-requirements.html

2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   - TOEFL IBT test: minimum score of 92, at least score of 22 for every partial score
   - IELTS Academic test: minimum score of 6.5 overall, at least a score of 6 for every partial score
   - Cambridge Assessment English:
     - Certificate in Advanced English: 170 Points Overall and in each skill
     - Certificate of Proficiency in English: 170 Points Overall and in each skill

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

4. Curriculum structure

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

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

Article 4.4 Curriculum
The Bachelor’s degree programme in Business Administration consists of a common part of two years and a specialisation part of one year.

First-year curriculum:

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

Second-year curriculum:

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

Third-year curriculum:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Minor (30 ECTS)**, or Internship (12 ECTS) + Electives (18 ECTS), or Exchange/Electives (30 ECTS)</td>
<td>Specialisation</td>
</tr>
</tbody>
</table>

* Students who want to choose the specialisation in Finance in Year 3 must take the course Finance 2 in Period 4 of Year 2 instead of the course Innovation Management. The course Finance 2 is an entry requirement for the Finance specialisation. ** Within the specialisation Entrepreneurship, Innovation & Creativity the specialisation course Start up Psychology for Business (6013B0545) must be replaced by an elective course in case the minor Entrepreneurship is being followed.

‘Research credits’
As a compulsory part of the programme students must participate for at least 10 hours in research projects that are offered by the programme. By participating in business research projects students...
acquire insights into scientific research practices and practical experience of how to conduct empirical research. These 10 research credits (equalling ten hours of participation in business research projects offered by the programme) must be attained at the latest during the Thesis Seminar.

**Students must choose one of the following specialisations:**
Students need to follow all five courses in year 3 semester 2 and their thesis in their area of specialisation. It is not possible to mix courses of different specialisations. The four specialisations and the corresponding courses are:

- **Entrepreneurship Innovation & Creativity:** Corporate Entrepreneurship (Period 4), Cultural Industries for Business (Period 4), Startup Psychology for Business (Period 5), Digital Business Models (Period 5), Bachelor’s Thesis & Thesis Seminar Entrepreneurship, Innovation & Creativity (Period 4,5,6)
- **Accounting and Control:** Financial Accounting 2 (Period 4), Financial Accounting 3 (Period 5), Accounting Information Systems (Period 4), Management Accounting 2 (Period 5), Bachelor’s Thesis & Thesis Seminar Accounting & Control (Period 4,5,6)
- **Finance:** Investment and Portfolio Theory 1 (Period 4), Corporate Finance (Period 4), Investment and Portfolio Theory 2 (Period 5), Applied Econometrics for Business (Period 5), Bachelor’s Thesis & Thesis Seminar Finance (Period 4,5,6)
- **Management in the Digital Age:** Strategy & Change (Period 4), Marketing in the Digital Age (Period 4), Management & Leadership in the Digital Age (Period 5), International Management (Period 5), Bachelor’s Thesis & Thesis Seminar Management in the Digital Age (Period 4,5,6).

**Article 4.5 Elective subjects, minors, studying abroad**
Students can use the elective space of 30 EC by choosing one of these options:

- Follow a minor;
- Do a company internship (12 EC) in combination with elective courses (18 EC);
- Take elective courses at the UvA or at another university in the Netherlands;
- Take elective courses abroad through an international exchange.

See article 5 of this Part B for additional, general rules and regulations.

**Article 4.6 Thesis**
Rules and regulations about content, supervision and assessment of the thesis can be found in the Course Catalogue.

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

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

**Article 4.9 Degree**
See Article 4.11 paragraph 3 in Section A.

**Article 4.10 List of courses**
All courses carry 6 ECTS unless stated otherwise.

1st year of study:*
* The first- and second-year courses in the BSc Business Administration degree programme are only accessible to students in possession of a valid registration for the BSc Business Administration or BSc Economie en Bedrijfswetenschappen/BSc Economics and Business degree programmes.

**Second 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>6012B0420</td>
<td>Marketing</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0421</td>
<td>Management Accounting 1 for Business</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0422</td>
<td>Finance 1 for Business</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0423</td>
<td>Quantitative Data Analysis 2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0424</td>
<td>Project: Quantitative Research Methods and Analysis</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6012B0425</td>
<td>Innovation Management</td>
<td>4</td>
<td>Strategy and Organisation</td>
</tr>
<tr>
<td>6012B0426</td>
<td>Information and Data Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0427</td>
<td>International Business</td>
<td>5</td>
<td>Strategy and Organisation</td>
</tr>
<tr>
<td>6012B0428</td>
<td>Business Law &amp; Ethics</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0429</td>
<td>Project Company Assignment</td>
<td>4,5,6</td>
<td>Strategy &amp; Organisation</td>
</tr>
</tbody>
</table>

**Third year of study – Specialisation**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor / Electives / Internationalisation</td>
<td>1,2,3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6013B0521</td>
<td>Human Resource Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6013B0522</td>
<td>Business Analytics*</td>
<td>2</td>
<td>Enrolment in an EB bachelor programme</td>
</tr>
<tr>
<td>6013B0543</td>
<td>Corporate Governance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6013B0502</td>
<td>Cultural Industries</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Requirements</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>6013B0524</td>
<td>Digital Innovation &amp; Entrepreneurship</td>
<td>1</td>
<td>Enrolment in an EB bachelor programme</td>
</tr>
<tr>
<td>6013B0529</td>
<td>Retail Marketing</td>
<td>1</td>
<td>Marketing</td>
</tr>
<tr>
<td>6013B0525</td>
<td>Corporate Social Responsibility</td>
<td>2</td>
<td>Enrolment in an EB bachelor programme</td>
</tr>
<tr>
<td>6013B0526</td>
<td>Consulting Methods*</td>
<td>1</td>
<td>Enrolment in an EB bachelor programme</td>
</tr>
<tr>
<td>6013B0528</td>
<td>Environmental Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6013B0542</td>
<td>Intercultural Skills</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6013B0534</td>
<td>Introduction to Social Entrepreneurship</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0430</td>
<td>Strategic Management</td>
<td>2</td>
<td>Not accessible for BSc BA students because of overlap with Strategy &amp; Organisation (6011P0203)</td>
</tr>
<tr>
<td>6013B0527</td>
<td>Evidence-Based Management*</td>
<td>3</td>
<td>≥90 ECTS completed and completed the first academic year</td>
</tr>
<tr>
<td>6013B0509</td>
<td>Bachelor Internship Business Administration</td>
<td>1,2,3</td>
<td>≥90 ECTS completed and completed the first academic year</td>
</tr>
<tr>
<td>6013B0539</td>
<td>Dutch Language Skills 1a</td>
<td>1</td>
<td>Enrolment in an EB bachelor programme + non-native Dutch speaking + positive BSA + intake to define level</td>
</tr>
<tr>
<td>6013B0540</td>
<td>Dutch Language Skills 1b</td>
<td>2</td>
<td>Enrolment in an EB bachelor programme + non-native Dutch speaking + positive BSA + intake to define level</td>
</tr>
</tbody>
</table>

*Course with limited capacity.

Specialisation Entrepreneurship, Innovation & Creativity

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0501</td>
<td>Corporate Entrepreneurship</td>
<td>4</td>
<td>Strategy &amp; Organisation, Innovation Management</td>
</tr>
<tr>
<td>6013B0544</td>
<td>Cultural Industries for Business</td>
<td>4</td>
<td>Strategy &amp; Organisation, Marketing</td>
</tr>
<tr>
<td>6013B0545</td>
<td>Startup Psychology for Business</td>
<td>5</td>
<td>Strategy &amp; Organisation, Organisational Behaviour</td>
</tr>
<tr>
<td>6013B0504</td>
<td>Digital Business Models</td>
<td>5</td>
<td>Strategy &amp; Organisation, Marketing</td>
</tr>
<tr>
<td>6013B0505</td>
<td>Bachelor's Thesis and Thesis Seminar Entrepreneurship, Innovation and Creativity</td>
<td>4,5,6</td>
<td>≥120 ECTS completed including the courses: Marketing, Innovation, Management, Quantitative Data Analysis 2 and Project Quantitative</td>
</tr>
</tbody>
</table>

27
Specialisation Management in the Digital Age

6013B0506  Marketing in the Digital Age  4  Strategy & Organisation, Marketing
6013B0507  Strategy & Change  4  Strategy & Organisation, Marketing
6013B0508  Management & Leadership in the Digital Age  5  Strategy & Organisation, Organisational Behaviour
6013B0536  International Management  5  Strategy & Organisation
6013B0510  Bachelor's Thesis and Thesis Seminar Management in the Digital Age  4,5,6  ≥120 ECTS completed including the courses: Marketing, Quantitative Data Analysis 2, Project Quantitative Research Methods and Analysis) and completed the first academic year

Specialisation Accounting and Control

6013B0511  Financial Accounting 2  4  Financial Accounting 1 for Business or Financial Accounting 1 for Economics or Accounting (3802ACQPVY)
6013B0512  Accounting Information Systems  4  Financial Accounting 1, for Business or Financial Accounting 1 for Economics
6013B0513  Financial Accounting 3  5  Financial Accounting 1 for Business or Financial Accounting 1 for Economics
6013B0514  Management Accounting 2  5  Financial Accounting 1 for Business or Financial Accounting 1 for Economics or Accounting (3802ACQPVY)
6013B0515  Bachelor's Thesis and Thesis Seminar Accounting and Control for Business  4,5,6  ≥120 ECTS completed including: Quantitative Data Analysis 2 and completed the first academic year

Specialisation Finance

6013B0516  Investment & Portfolio Theory 1  4  Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance (3802FIQPVY) OR Finance for AE (6011P0260)
6013B0517  Corporate Finance  4  Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance 1 for Business or Economics (3802FIQPVY) OR
Article 4.11 Major programmes
1. The following major programmes are offered:
   - Bedrijfskunde for students in the Beta-gamma Bachelor’s degree programme (Dutch).
   - Business Administration for students in the Future Planet Studies Bachelor’s degree programme
     (English) who did start this major in academic year 2018-2019 or earlier.
2. To start a major, students must have obtained at minimum 48 EC
   TS 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 FEB.
3. 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 5 in Section A.

Article 5.2 Electives
Electives must conform to Article 3.2, paragraph 4 of Section A. For more information about
recommended electives, consult the Course Catalogue: www.studiegids.uva.nl

6. Honours programme

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

7. Academic student counselling and advice regarding continuation of studies

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

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To obtain a positive study advice at the end of the first year of the programme, a student must fulfil
   the following requirements: 48 ECTS obtained in the current academic year for courses of the first
   year of the Bachelor’s degree programme in Business Administration;
2. A student that has not fulfilled the requirements of subsection 1 at the end of the first year of
   enrolment may obtain written permission by the Dean to continue in the programme. This student will
receive again binding study advice at the end of the second year, based on the requirements of subsection 1.
3. A student that has obtained a negative study advice is not allowed to enrol for a period of three years in the Bachelor’s degree programme in Business Administration offered by the UvA.

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
No transitional provisions for students registered for this programme

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 2019

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operations Research (OC-AEO), date: 16 May 2019

Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Section B3: programme-specific section BSc Econometrics


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 (CROHO number 59332) is provided as a full-time programme. There is a Dutch-language and an English-language version of the degree programme. Participation in the English-language version of the degree programme is optional in the first year. Both the second and third years of this degree programme will be held entirely in English.
2. The Econometrics degree programme admits flexible-learning students. For 2019-2020, a maximum of 56 flexible-learning students will be admitted to this degree programme.
3. From 1 September 2019 the name of the degree programme has been changed from Econometrics and Operations Research with CROHO number 56833 to Econometrics. The date for the final intake and the end of the Bachelor’s degree programme in Econometrics and Operations Research are both 31 August 2019. From 1 September 2019 onwards, only diplomas with the new course name can be issued; this affects also the students who started before 1 September 2019 under the old course name Econometrics and Operational Research.

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 operations 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.

Specialisation 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.).

Specialisation ORM (only applicable for students who started BSc Econometrics (and ORM) on 1 September 2018 or earlier).
Within operations research and operations management, the focus is on solving logistical and operations 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 operations research: linear algebra, calculus, optimisation, differential and difference equations, probability, descriptive statistics and mathematical statistics;
   K3. Level B knowledge of econometrics and operations research;
   K4. Level B knowledge of quantitative finance;
   K5. Knowledge of, and insight into, global issues and trends within the field.

Furthermore, depending on the selected major:

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

for Operations Research and Management:
   K7. Level C knowledge of operations research. This concerns linear, integer and non-linear programming, dynamic programming, network theory, simulation, queueing theory and combinatorial optimisation;
   K8. Level C knowledge of operations management. On the one hand this concerns methods such as project management, line balancing and MRP, and more broadly the many questions and methods in the area of aggregated planning and supply management;
   K9. for both operations research and operations 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 operations 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 operations research and management analyses, to distinguish the role played by assumptions in these, and, where possible, to verify such assumptions empirically.
S6. The ability to collaborate in an international environment.

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

3. **Further admission requirements**

**Article 3.1 Additional previous education requirements**
Admission to the degree programme is possible on the basis of:
   a. a VWO (pre-university level) diploma with Mathematics B (or Mathematics B1);
   b. an HBO (higher professional level) diploma or completion of the first academic year of an HBO degree programme as well as demonstrable understanding of the English language and mathematics at pre-university level, as described in the preceding paragraph.
2. an EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B. A mathematics assessment set by the FEB can be part of the admission requirements.
3. a non-EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics B and a passed mathematics assessment set by the FEB.

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

**Article 3.3 Language requirements**
1. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully.
In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
- TOEFL IBT test: minimum score of 92, at least a score of 22 for every partial score
- IELTS Academic test : minimum score of 6.5 overall, at least score of 6 for every partial score
- Cambridge Assessment English:
  - Certificate in Advanced English: 170 Points Overall and in each skill
  - Certificate of Proficiency in English: 170 Points Overall and in each skill
Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.

4. Curriculum structure

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

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

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

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

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Calculus</td>
<td>Theory and</td>
</tr>
<tr>
<td></td>
<td>Statistics 1</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>Microeconomic</td>
</tr>
<tr>
<td>for AE</td>
<td>s for AE</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the second year of the Bachelor’s phase (Period 5) students chose one of the following two specialisations:
1. Econometrics;
2. Operations Research and Management (only applicable for the students who started the academic year 2018-2019 or earlier);
3. Data Science (only applicable to students who started the programme in academic year 2019-2020 and later).

Students who started the BSc in Econometrics and OR before 1 September 2017 with the BSc may still complete their programme according to the old study programme (see OER 2018-2019).
Specialisation Econometrics

Second-year curriculum of the specialisation Econometrics is:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Mathematics 3: Advanced Linear Algebra and Real Analysis</td>
<td>Probability Theory and Statistics 3</td>
</tr>
<tr>
<td>Life Insurance Mathematics</td>
<td>Optimisation</td>
</tr>
<tr>
<td>Period 3</td>
<td>Period 4</td>
</tr>
<tr>
<td>Period 4</td>
<td>Period 6</td>
</tr>
<tr>
<td>Econometrics 1</td>
<td>Econometrics 2</td>
</tr>
<tr>
<td>Empirical Project</td>
<td></td>
</tr>
<tr>
<td>Risk Theory</td>
<td></td>
</tr>
</tbody>
</table>

The third Bachelor’s year comprises general compulsory components with a total study load of 30 ECTS and electives with a total study load of 30 ECTS.

Third-year curriculum of the specialisation Econometrics:

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Minor (30 EC)* or Exchange (30 EC) or Internship (12 EC) + mandatory courses (18 EC) ** or 18 EC mandatory courses + 12 EC restricted electives ***</td>
<td>Mathematical Economics 2</td>
</tr>
<tr>
<td>Period 3</td>
<td>Period 4</td>
</tr>
<tr>
<td>Period 5</td>
<td>Period 6</td>
</tr>
<tr>
<td>Time Series Analysis</td>
<td>Bachelor’s Thesis and Thesis Seminar Econometrics</td>
</tr>
<tr>
<td>Dynamical Systems</td>
<td></td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Econometrics</td>
<td></td>
</tr>
</tbody>
</table>

*The courses required to obtain admission to the MSc in Mathematics or the MSc in Stochastics and Financial Mathematics are also considered as a minor (see Article 4.5 for an overview of courses).

** Next to the Internship (12 ECTS) students must follow these mandatory courses:
- Mathematical and Empirical Finance (Period 1);
- Data Preprocessing (Period 2);
- Statistical Learning (Period 3)

*** Students choosing the last option are obliged to attend the following courses:
- Mathematical and Empirical Finance (Period 1);
- Data Preprocessing (Period 2);
- Statistical Learning (Period 3);
- Two elective courses. See the following list of recommended electives:

Period 1
- Human Resource Management (6013B0521)
- Cultural Industries (6013B0502)
- Digital Innovation and Entrepreneurship (6013B0524)
- Money and Banking (6012B0450)
- Economic Methodology (6012B0454, period 1, 2 en 3)
- Public Economics (6013B046)
- Measure Theory (51228MTH6Y, period 1+2)
- Markov Chains (5122KANS6Y, period 1+2)
- Dutch Language Skills 1a (6013B0539)

**Period 2**
- Corporate Social Responsibility (6013B0525)
- Environmental Economics (6013B0528)
- Strategic Introduction to Social Entrepreneurship (6013B0534)
- Management (6012B0430)
- International Money and Finance (6012B0452)
- Behavioural Economics (6013B0464)
- Analyse 4 (51224ANA6Y, period 2+3)
- Dutch Language Skills 1b (6013B0540)

**Period 3**
- Intercultural Skills (6013B0542)
- Monetary and Fiscal Policy (6013B0466)

**Period 4**
- Corporate Governance (6013B0543)
- Management Accounting 1 for Economics (6012B0456)
- Organisational Economics (6013B0461)
- Corporate Finance (6013B0517)
- Development Economics (6013B0467)
- Labour Economics (6013B0468)
- Topologie (5122TOPO6Y, period 4+5)
- Functional Analyses (5122FUAN6Y, period 4+5)
- Partial Differential Equations (51228PAD6Y, period 4+5)
- Bayesian Statistics (5122BAST6Y, period 4+5)

**Period 5**
- Strategy (6012B0455)
- Corporate Law (6012B0458)
- History of Economic Thought (6013B0469)
- International Trade and Investment (6013B0465)
- Macroeconomics 2 (6013B0463)

**Specialisation Operations Research and Management**

**Note:**
- The specialisation Operations Research and Management will be discontinued. Latest 31 August 2022, students will be allowed to graduate in the study programme Operations Research and Management, which will only be listed on the diploma supplement after 31 August 2019. After 31 August 2019, only diploma’s with the new name ‘Econometrics’ can be issued.
- Students who started the programme on 1 September 2018 are the last cohort that has the option to choose the specialisation Operations Research and Management.
- The course *Operations Research 2* (6012B0277) is offered for the last time in the academic year 2019-2020. *Operations Research Deterministic Methods* (6012B0383) and *Operations Research Stochastic Methods* (6012B0384) will be offered for the last time in the academic year 2020-2021. This is also the last opportunity to complete the component *Bachelor’s Thesis and Thesis Seminar Operations Research* (6013B0355).
- For more information about transitional arrangements for 2019-2020, see Article 8.2.
Second-year curriculum of the specialisation Operations Research and Management:

<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>Life Insurance Mathematics</td>
<td>Mathematics 4: Multivariate Analysis</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* For the last time offered in 2019-2020.

Third-year curriculum of the specialisation Operations Research and Management:

<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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bachelor’s Thesis and Thesis Seminar Operations Research</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* See Article 4.5 for restrictions on the electives.

**Article 4.5 Elective subjects, minors, studying abroad**

For the general rules, see Article 3.2, paragraph 4 of Section A. The programme specific rules are to be found in article 4.4. of this Section (B3) and in the following additional rules:

1. Students of the Econometrics study programme can use the first semester of the third year to follow a minor, to study abroad or to follow a certain combinations of compulsory and elective courses including an internship (see Article 4.4.). Students of the Operations Research and Management programme 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 thesis in Semester 1.

2. Courses required to obtain admission to the MSc in Mathematics or the MSc in Stochastics and Financial Mathematics, those can be also be regarded as minor: Topology (FNWI, Sem 2, Period 1+2), Analyse 4 (FNWI, Sem 1, Period 2+3), Measure Theory (FNWI, Sem 1, Period 1+2), Functional Analyses (FNWI, Sem 2, Period1+2) +extra course to choose from Markov Chains (FNWI, Sem 1, period 1+2), Partial Differential Equations (FNWI, Sem 1, period 1+2) or Bayesian Statistics (FNWI, Sem 2, period 1+2).

3. When students taking the BSc in Econometrics, specialisation Econometrics, do not pass all 30 EC of a minor or a study abroad, they should follow elective courses. If they lack more than 18 EC they are obliged to attend the following mandatory courses: Mathematical and Empirical Finance (period 1), Data Preprocessing (period 2), Statistical Learning (period 3).

4. For students taking the BSc in Econometrics, specialisation Operations Research and Management, 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 mark.
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 Maximum exemption
See Article 4.7 in Section A.

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

Article 4.9 Degree
See Article 4.11 paragraph 3 in Section A.

Article 4.10 List of courses
All courses carry 6 ECTS unless stated otherwise.

1st 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>6011P0260</td>
<td>Finance for AE</td>
<td>4</td>
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</tr>
<tr>
<td>6011P0168</td>
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<tr>
<td>6011P0173</td>
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<td>5</td>
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<tr>
<td>6011P0284</td>
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<td></td>
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<tr>
<td>6011P0283</td>
<td>Microeconomics for AE</td>
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<td></td>
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<tr>
<td>6011P0286</td>
<td>Introduction Econometrics and Actuarial Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6011P0285</td>
<td>Introduction Data Science: Data Preprocessing</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>
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<tr>
<td>6011P0171</td>
<td>Mathematics 2: Linear Algebra</td>
<td>4</td>
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</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>6013B0354</td>
<td>Bachelor’s Thesis and Thesis Seminar Econometrics (12 ECTS)</td>
<td>1+2* 5+6</td>
<td>≥120 ECTS obtained and first year of study completed</td>
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<tr>
<td>6013B0355</td>
<td>Bachelor’s Thesis and Thesis Seminar Operations Research (12 ECTS)</td>
<td>2+3 5+6</td>
<td>≥120 ECTS obtained and first year of study completed</td>
</tr>
<tr>
<td>6012B0xxx</td>
<td>Bachelor Internship Econometrics (12 ECTS)</td>
<td></td>
<td>≥90 ECTS completed and first year of study completed</td>
</tr>
<tr>
<td>6013B0356</td>
<td>Data Preprocessing</td>
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<td>Mathematics 3 (6012B0370) óf</td>
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<tr>
<td>6012B0380</td>
<td>Dynamical systems</td>
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<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>6012B0376</td>
<td>Empirical Project</td>
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<td>6012B0378</td>
<td>Econometrics 2</td>
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<td>6012B0350</td>
<td>Life Insurance Mathematics</td>
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<tr>
<td>6012B0287</td>
<td>Mathematical and Empirical Finance</td>
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<td></td>
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<td>6012B0375</td>
<td>Mathematical Economics 1</td>
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</tr>
<tr>
<td>6012B0381</td>
<td>Mathematical Economics 2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0385</td>
<td>Mathematics 3: Advanced Linear Algebra and Real Analysis</td>
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<td></td>
</tr>
<tr>
<td>6012B0386</td>
<td>Mathematics 4: Multivariate Analysis and</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6012B0377</td>
<td>Operations Research 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0383</td>
<td>Operations Research – Deterministic Methods</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operations Research 1 (6012B0372) or Optimization (6012B0379)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6012B0384</td>
<td>Operations Research – Stochastic Methods</td>
<td>2</td>
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</tr>
<tr>
<td>6012B0379</td>
<td>Optimization</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0371</td>
<td>Probability Theory and Statistics 3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0351</td>
<td>Risk Theory</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6013B0357</td>
<td>Statistical Learning</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0382</td>
<td>Time Series Analysis</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

* In the academic year 2019-2020 this course will be offered in semester 1, period 1 and 2, for the last time in a light version, only for students who will finish the programme before 1 February 2020. Exceptions can be made for students with special circumstances (confirmed by the study advisors) who will be able to finish the programme before 1 September 2020. Students who want to make use of this opportunity must report this to the programme director before 1 September 2019.

In addition to the above entry requirements, to participate in the above courses, students must be enrolled on either the BSc Econometrics and Operations Research degree programme or the BSc Actuarial Science degree programme. Students registered for the Econometrics and Mathematical Economics minor or the Actuarial Sciences minor may also be admitted. Other students may be admitted by the Examinations Board on the basis of the advice from the relevant course coordinator or programme director.
5. Electives

See Article 4.4 and 4.5 of this Section (B3).

6. Honours programme

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

7. Academic student counselling and advice regarding continuation of studies

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

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive a positive advice regarding continuation of studies, a student must obtain at least 48 ECTS from the first-year degree programme, including the course Mathematics 1: Single-Variable Calculus, by the end of the first year of enrolment in the programme.
2. Students who have not met the standard for a positive advice at the end of the first year of enrolment, but who have received written permission from the Dean to continue the degree programme, will receive a new advice at the end of the next year of study, subject to the standard of 48 ECTS 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 degree programmes offered by the Faculty during the following three academic years: Actuarial Science and Econometrics.

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. Students who started the Bachelor’s programme in Econometrics and Operational Research before 1 September 2017, their curriculum must include both the courses Econometrics 2 and the course Operations Research 2 in the study programme. If students, who started the Bachelor’s programme in Econometrics and Operational Research before 1 September 2017, do not choose this option, they should include Econometrics 2 (obliged for the specialisation Econometrics) or Operations Research 2 (obliged for the specialization OR) AND Dynamic Systems in the study programme.
2. Students who started the Bachelor’s degree programme in Econometrics and Operations Research before 1 September 2017 and have not yet passed the old course, must follow the new course:
### Old course | New course
--- | ---
Finance for AEO (6011P0172) | Finance for AE (6011P0260)
Introduction Actuarial Science and OR (6011P0175) | Introduction Data Science: Data Preprocessing (6011P0286)*
Introduction Econometrics (6011P0170) | Introduction Econometrics & Actuarial Science (6011P0285)
Macroeconomics for AEO (6011P0167) | Macroeconomics for AE (6011P0284)
Microeconomics for AEO (6011P0169) | Microeconomics for AE (6011P0283)
Mathematics 3: Linear Algebra and Unconstrained Optimization (6012B0370) | Mathematics 3: Advanced Linear Algebra and Real Analysis (6012B0385)
Mathematics 4: Multi Variable Analysis and Constrained Optimization (6012B0373) | Mathematics 4: Multivariate Analysis (6012B0386)

*Students are not allowed to combine the courses Introduction Data Science: Data Preprocessing (6011P0286) and Data Preprocessing (6013B0356). Students who have done or intend to do Data Science: Data Preprocessing (6011P0286) and do not do a minor or go abroad in semester 1 of the third year have to choose an extra elective from the list of electives. These students then do the courses Mathematical and Empirical Finance (6012B0287) and Statistical Learning (6013B0357) plus three electives from the list.

**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 2019
Section B4: programme-specific section for BSc in Economics and Business

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

1. General provisions

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

Article 1.2 Degree programme information
1. The programme Economics and Business, CROHO number 50905, is offered on a full-time basis. The Bachelor’s degree programme has a Dutch and an English version. Participation in the English-language programme of the Bachelor’s degree programme is selective.
2. The programme includes the following majors:
   - Economics;
   - Accountancy and Control;
   - Finance and Organisation;
   - Economics and Finance;
   - Business Administration.
3. The Economics and Business degree programme admits flexible-learning students. For 2019-2020, a maximum of 70 flexible-learning students will be admitted to this degree programme.

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

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

2. Programme objectives and exit qualifications

Article 2.1 Programme objective
The programme is aimed at developing an academic level of professional and intellectual ability. Students acquire knowledge of the scientific literature in the field of economics and business and receive training in the methods and skills to apply this knowledge. Students are thus prepared for professions that put this knowledge into practice.
Economic science broadly entails studying processes and institutions involved in the appropriation and distribution of scarce, alternatively appropriable means. Business administration is concerned with business and management in the private and public sectors.

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

Article 2.2 Exit qualifications
There are three categories of exit qualifications:

a. Knowledge
b. Skills
c. Attitude

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

A distinction is drawn between three levels of substantive knowledge:

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

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

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

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

   K1. **Level A knowledge of consumer and producer theory, the operation of market forces, macroeconomic 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:

KA4. **Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;**

KA5. **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;**

KA6. **Level B knowledge of the way in which the financial administration is run in organisations;**

KA7. **Level B knowledge of the outlines of private law, particularly property law and business law;**

KA8. **Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;**

KA9. **Level B knowledge of the most common statistical methods used in business economics;**

KA10. **Level C knowledge of auditing, accounting information systems, external reporting and management accounting & control.**
For the major Business Administration:

KB4. 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;

KB5. Level B knowledge of the nature, objectives and effects of marketing activities in organisations;

KB6. Level B knowledge of the way in which decisions are taken in organisations on investment and finance;

KB7. Level B knowledge of the way in which operations processes in organisations can be analysed and improved;

KB8. Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;

KB9. 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;

KB10. 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;

KB11. Level B knowledge of the most common methods for research, data collection and analysis within business administration.

For the majors Economics and Economics & Finance:

KE4. Level B knowledge of microeconomics, in particular market operations in a mixed economic order;

KE5. Level B knowledge of macroeconomic issues and the analysis methods used for these;

KE6. 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;

KE7. Level B knowledge of the role of money and credit, and of monetary and financial institutions in the economy;

KE8. Level B knowledge of international trade theory and politics, exchange rates, international financial traffic and international economic institutions;

KE9. Level B knowledge of economic organisation theory, competition issues and industrial organisation;

KE10. Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;

KE11. Level B knowledge of econometric research methods, in particular regression analysis;

KE12. Level B knowledge of the mathematical techniques most commonly applied in general economics;

KE13. Level B knowledge of game theory and relevant applications within the field;

KE14. Level C knowledge of at least two of the following fields: macroeconomics, microeconomics, 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:

KF4. Level B knowledge of the way in which investment-related and financing decisions are made within an organisation;

KF5. 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;

KF6. Level B knowledge of the way in which the financial administration is run in organisations;

KF7. Level B knowledge of the outlines of private law, particularly property law and business law;
KF8. Level B knowledge of the way in which the management of organisations can be supported through financial insights and reports;
KF9. Level B knowledge of the role of money and credit, and of monetary and financial institutions in the economy;
KF10. Level B knowledge of the most common statistical methods used in business economics;
KF11. Level B knowledge of econometric research methods, in particular regression analysis;
KF12. Level B knowledge of game theory and relevant applications within the field;
KF13. 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 degree 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 within the official
time period with no delays. The student must contact the FEB Admissions Office 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: http://www.uva.nl/en/education/bachelor-s/how-to-apply/dutch-taught-programmes/prior-education-non-dutch/dutch-language-requirements/dutch-language-requirements.html
   
   The proficiency requirement in English can be met by the successful completion of:
   - TOEFL test: minimum score 92, at least 20 on each sub-score (237 computer-based/580 paper-based test, reporting number 0398)
   - IELTS test: minimum score 6.5, at least 6 on each sub-score
   - Cambridge International Examinations: minimum scores A (FCE), B (CAE), B (CPE)

4. **Curriculum structure**

**Article 4.1 Composition of programme**

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

**Article 4.2 Academic development**

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

**Article 4.3 Units of study**

This article of the model OER is not applicable.

**Article 4.4 Curriculum**

The first year of the Bachelor’s degree 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:** All courses of this programme are no longer offered. Students can finish the programme until 31-8-2021 using the transitional provisions (article 8).

Bachelor’s degree programme in Economics and Business, Year 1
The first year of the Bachelor’s degree programme comprises general compulsory components with a total workload of 60 ECTS.

**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>Organisation and Management</td>
<td>Macroeconomics</td>
<td></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>
</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 and elective components with a total workload of 36 ECTS. 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></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>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</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>

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 ECTS, restricted elective courses with a total study load of at least 12 ECTS, and optional subjects with a total study load of no more than 30 ECTS. The third year is taught in English and is organised as follows:

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

* Students taking a major in Economics should fill the 12 ECTS 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 and electives with a total workload of 12 ECTS. 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>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Advanced Corporate Finance</td>
<td>Elective</td>
</tr>
<tr>
<td>Econometrics</td>
<td>Elective</td>
</tr>
</tbody>
</table>

* For the academic year 2018-2019 only, students may take the course Management Accounting 1 for Business (6012B0421, 6 ECTS, Period 1) instead of Management Accounting 1 for Economics.

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>Period 1</td>
<td>Period 2</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 and electives with a total workload of 30 ECTS. 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>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Advanced Corporate Finance</td>
<td>Organisational Economics</td>
</tr>
<tr>
<td>Econometrics</td>
<td>Intermediate Financial Accounting 1 or Industrial</td>
</tr>
</tbody>
</table>
Article 4.5 Electives
For general rules about electives see Article 3.2 paragraph 4 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 mark.
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 Maximum exemption
See Article 4.7 in Section A.

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

Article 4.9 Degree
See Article 4.11 paragraph 3 in Section A.

Article 4.10 List of courses
All courses carry 6 ECTS unless stated otherwise.

Note: All courses of this programme are no longer offered. Students can finish the programme until 31-8-2021 using the transitional provisions (article 8).

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>
</tbody>
</table>
### Section B4: programme-specific section BSc Economics and Business

#### 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)</td>
<td>5+6</td>
<td>≥120 ECTS 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)</td>
<td>5+6</td>
<td>≥120 ECTS obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0324</td>
<td>Bachelor’s Thesis and Economics Thesis Seminar (12 ECTS)</td>
<td>5+6 2+3</td>
<td>≥120 ECTS 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)</td>
<td>5+6 2+3</td>
<td>≥120 ECTS obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0345</td>
<td>Bachelor’s Thesis and Economics and Finance Thesis Seminar (12 ECTS)</td>
<td>5+6 2+3</td>
<td>≥120 ECTS 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)</td>
<td>5+6 2+3</td>
<td>≥120 ECTS obtained and first-year programme completed</td>
</tr>
<tr>
<td>6013B0326</td>
<td>Bachelor’s Thesis and Finance and Organisation Thesis Seminar (12 ECTS)</td>
<td>2+3 5+6</td>
<td>≥120 ECTS 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)</td>
<td>5+6</td>
<td>≥120 ECTS obtained and first-year programme completed</td>
</tr>
<tr>
<td>6012B0207</td>
<td>Advanced Corporate Finance</td>
<td>1</td>
<td>Financing (6012B0217) or Finance (6012B0315) or Finance (384FINPV)</td>
</tr>
<tr>
<td>6012B0265</td>
<td>Behavioural Economics</td>
<td>5</td>
<td>Speltheorie (6012B0311)/Game Theory (6012B0220) of Microeconomics for AEO (6011P0169)/Micro-economie voor AEO (6011P0102)</td>
</tr>
<tr>
<td>6012B0305</td>
<td>Cases in Entrepreneurship</td>
<td>1+2 4+5</td>
<td>First-year completed and enrolled for the minor Entrepreneurship</td>
</tr>
<tr>
<td>6012B0266</td>
<td>Corporate Governance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>6012B0336</td>
<td>Corporate Law</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0211</td>
<td>Corporate Social Responsibility</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0267</td>
<td>Cultural Industries</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0269</td>
<td>Development Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0268</td>
<td>E-Business</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0212</td>
<td>Econometrics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0213</td>
<td>Economic Methodology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0214</td>
<td>Economics of Markets and Organisations</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0215</td>
<td>Entrepreneurship and Innovation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6012B0304</td>
<td>Entrepreneurship in Practice</td>
<td>1+2+3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4+5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0341</td>
<td>Environmental Economics</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0315</td>
<td>Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0410</td>
<td>Financial Statement Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0220</td>
<td>Game Theory</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6012B0222</td>
<td>Human Resources Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0223</td>
<td>Industrial Organisation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0224</td>
<td>Information Management</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0317</td>
<td>Intermediate Financial Accounting 1 (English)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0319</td>
<td>Intermediate Statistics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0320</td>
<td>International Money</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0232</td>
<td>International Trade and Investment</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0331</td>
<td>Economic Policy Analysis (Honours course)</td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6012B0339</td>
<td>Intermediate Mathematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>6012B0233</td>
<td>Investment and Portfolio Theory 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0234</td>
<td>Investment and Portfolio Theory 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0275</td>
<td>Labour Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0321</td>
<td>Macroeconomics</td>
<td>5</td>
<td></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></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></td>
</tr>
<tr>
<td>6012B0324</td>
<td>Microeconomics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0242</td>
<td>Monetary and Fiscal Policy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6012B0316</td>
<td>Money and Banking</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0243</td>
<td>MR1: Introduction to Academic</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Mathematics 1 for Economics (6011P0236) or Mathematics (3842MATPV)

Required: *Financiering* (6011P0164) or Finance (6011P0165) or Finance (3842FINPV)

Strongly recommended: *Financiering* (6012B0217) or Finance (6012B0315)

Required: *Financiering* (6011P0164) or Finance (6011P0165) or Finance (3842FINPV)

Strongly recommended: *Financiering* (6012B0217) or Finance (6012B0315)

Macroeconomics (6011P0138) + Microeconomics (6011P0139)/Microeconomics 1 (6011P0233) or Macroeconomics for AEO (6011P0167) + Microeconomics for AEO (6011P0169) or Principles of Economics (6012B0303) + Mathematics (6011P0153) or Economics, Markets and Organisations 1 (3801EM1PV) + Mathematics (3842MATPV)

Management Accounting, Intermediate (6012B0237) / (6012B0322)

Management Accounting, Intermediate (6012B0237) / (6012B0322)

Marketing (6012B0238 or 6012B0323)

Microeconomics (6011P0139) or Microeconomics 1 (6011P0233) of Microeconomics for AEO (6011P0169) or Principles of Economics (6012B0303) or [Economics, Markets and Organisations 1 (3801EM1PV) + Mathematics (3842MATPV)]

Macroeconomics (6011P0138) of Macroeconomics for AEO (6011P0167) or Principles of Economics (6012B0303) or Economics, Markets and Organisations 1 (3801EM1PV)
### Research

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0244</td>
<td>MR2: Quantitative Research Methods</td>
<td>4</td>
</tr>
<tr>
<td>6012B0245</td>
<td>Ondernemingsrecht</td>
<td>3</td>
</tr>
<tr>
<td>6012B0247</td>
<td>Operations and Process Management</td>
<td>5</td>
</tr>
<tr>
<td>6012B0248</td>
<td>Organisational Economics</td>
<td>2</td>
</tr>
<tr>
<td>6012B0249</td>
<td>Organisational Psychology</td>
<td>5</td>
</tr>
<tr>
<td>6012B0327</td>
<td>Political Economy: Dialectical Methodology</td>
<td>5</td>
</tr>
<tr>
<td>6012B0251</td>
<td>Project 1: Academic Writing and Literature Study</td>
<td>3</td>
</tr>
<tr>
<td>6012B0252</td>
<td>Project 2: Qualitative Research</td>
<td>6</td>
</tr>
<tr>
<td>6012B0253</td>
<td>Project 3: Quantitative Research</td>
<td>3</td>
</tr>
<tr>
<td>6012B0254</td>
<td>Public Economics</td>
<td>1</td>
</tr>
<tr>
<td>6012B0279</td>
<td>Regulation, Regulatory Impact and Reform</td>
<td>1</td>
</tr>
<tr>
<td>6012B0280</td>
<td>Retail Marketing</td>
<td>1</td>
</tr>
<tr>
<td>6012B0345</td>
<td>Social Entrepreneurship</td>
<td>2 + 3</td>
</tr>
<tr>
<td>6012B0410</td>
<td>Startup Psychology</td>
<td>1+2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4+5</td>
</tr>
<tr>
<td>6012B0256</td>
<td>Strategic Management</td>
<td>1</td>
</tr>
<tr>
<td>6012B0257</td>
<td>Strategy and Organisation</td>
<td>4</td>
</tr>
<tr>
<td>6012B0411</td>
<td>The Why Axis (Honours course)</td>
<td>5+6</td>
</tr>
<tr>
<td>6012B0281</td>
<td>Transition Economics</td>
<td>4</td>
</tr>
<tr>
<td>6012B0282</td>
<td>Vastgoedkunde</td>
<td>5</td>
</tr>
</tbody>
</table>

**Article 4.11 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 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 FEB.
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 5 in Section A.

Article 5.2. Electives
Electives must conform to Article 3.2, paragraph 4 of Section A. This means that courses offered within a different major than the one being taken are also suitable as electives.

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

6. Honours programme

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

7. Academic student counselling and advice regarding continuation of studies

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

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive a positive advice regarding continuation of studies, a student must obtain at least 48 ECTS from the first-year degree programme by the end of the first year of enrolment in the programme.

2. Students who have not met the standard for a positive advice at the end of the first year of enrolment, but who have received written permission from the Dean to continue the degree programme, will receive a new advice at the end of the next year of study, subject to the standard of 48 ECTS 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 degree 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
Students who started the Economics & Business Bachelor’s degree programme in the academic year of 2016-2017 (the final year of enrolment) at the latest, have until 31-8-2021 to obtain their diploma for this programme.
The following general principles apply to the transitional provisions:

- Students of the *Economie en Bedrijfskunde* Bachelor’s complete their current study programme using equivalent, new Bachelor’s courses once the original courses are discontinued from their programme.
- The equivalence table indicates which ‘old’ courses will be replaced by new courses, per degree programme.
- An equivalent course may have a different title and/or alternative content and/or be scheduled for a different period.
- The content of an equivalent course may deviate from the old course. This is permitted so long as the subject matter that is not dealt with in the new – equivalent – course is not required to satisfy the exit qualifications of the degree programme.
- The equivalent course in the new Bachelor’s degree programme may be scheduled in a different year of study. Splitting E&B with a broad first year can mean that certain subject matter currently dealt with in Year 2 is already addressed in Year 1. This is permitted so long as the exit qualifications of the degree programme are thereby satisfied.
- As a result of the transitional provisions, students who do not complete the programme within the nominal study duration may experience a degree of overlap in courses.
- If the entry requirements of the discontinued ‘old’ course have been met, this counts as automatic fulfilment of the entry requirements of the equivalent new course.
- Students who do not finish the programme latest 31-9-2021 can continue studying in the new Bachelor’s programmes Business Administration or Economics & Business Economics as of September 2021 if certain conditions are met. These conditions will be set by the Examinations Board and will be published in the Rules and Regulations of the Examinations Board of academic year 2020-2021.

Students who have not completed the programme by 1 September 2019, should replace not completed first-year courses with new courses in accordance with the table below.

**Year 1 Economie en Bedrijfskunde/ Economics and Business**

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing en Strategie (6011P0147Y, 6 EC) or</td>
<td>Marketing (period 1, 6012B0420Y, 6 EC)</td>
</tr>
<tr>
<td>Marketing and Strategy (6011P0149Y, 6 EC)</td>
<td>If Marketing (6012B0238Y/6012B0323Y) already a</td>
</tr>
<tr>
<td></td>
<td>compulsory course of your study programme (specialisation</td>
</tr>
<tr>
<td></td>
<td>Bedrijfskunde/Business Administration), an extra elective</td>
</tr>
<tr>
<td></td>
<td>must be taken (6 ECTS).</td>
</tr>
<tr>
<td>Wiskunde (6011P0151Y, 6 EC) or Mathematics</td>
<td>Mathematics 1 for Economics (period 1, 6011P0236Y, 6 EC)</td>
</tr>
<tr>
<td>(6011P0153Y, 6 EC)</td>
<td></td>
</tr>
<tr>
<td>Micro-economie (6011P0126Y, 6 EC) or</td>
<td>Microeconomics 1 (period 2, 6011P0233Y, 6 EC)</td>
</tr>
<tr>
<td>Microeconomics (6011P0139Y, 6 EC)</td>
<td></td>
</tr>
<tr>
<td>Accounting (6011P0148Y/6011P0150Y, 6 EC)</td>
<td>Financial Accounting 1 for Economics (period 2, 6011P0230Y, 6 EC)</td>
</tr>
<tr>
<td>Fiscale Economie en Vaardigheden (6011P0157Y,</td>
<td>Principles of Economics and Business 2 (period 1+2+3, 6011P0212Y, 6 EC)</td>
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<td>6 EC) or</td>
<td></td>
</tr>
<tr>
<td>Academic English and Skills (6011P0143Y, 6 EC)</td>
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</tr>
<tr>
<td>Organisatie en Management</td>
<td>Organisational Behaviour</td>
</tr>
</tbody>
</table>
Year 2 Specialisation Business Administration

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR1: Inleiding Wetenschappelijk Onderzoek (6012B0306Y, 6 EC) or MR1: Introduction to Academic Research (6012B0243Y, 6 EC)</td>
<td>Business Research Methods (period 2, 6011P0209Y, 6 EC)</td>
</tr>
<tr>
<td>Strategisch Management (6012B0312Y, 6 EC) or Strategic Management (6012B0256Y, 6 EC)</td>
<td>Strategy and Organisation (period 1, 6011P0203Y, 6 EC)</td>
</tr>
<tr>
<td>Financiering (6012B0217Y, 6 EC) or Finance (6012B0315Y, 6 EC)</td>
<td>Finance 2 (period 4, 6012B0457Y, 6 EC)</td>
</tr>
<tr>
<td>Marketing (6012B0238Y, 6 EC) or Marketing (6012B0323Y, 6 EC)</td>
<td>Marketing (period 1, 6012B0420Y, 6 EC)</td>
</tr>
<tr>
<td>Project 1: Wetenschappelijk Schrijven en Literatuurstudie (6012B0309Y, 6 EC) or Project 1: Academic Writing and Literature Study (6012B0251Y, 6 EC)</td>
<td>Project: Company Assignment (period 1+2+3, 6012B0429Y, 6 EC)</td>
</tr>
<tr>
<td>Management Accounting, Intermediate (6012B0237Y, 6 EC) or Management Accounting, Intermediate (6012B0322Y, 6 EC)</td>
<td>Management Accounting 1 for Business (period 1, 6012B0421Y, 6 EC)</td>
</tr>
<tr>
<td>MR2: Kwantitatieve Onderzoeksmethoden (6012B0307Y, 6 EC) or MR2: Quantitative Research Methods (6012B0244Y, 6 EC)</td>
<td>Quantitative Data Analysis 2 (period 2, 6012B0423Y, 6EC)</td>
</tr>
<tr>
<td>Operations and Process Management (6012B0247Y, 6 EC)</td>
<td>Business Operations and Processes (period 5, 6011P0221Y, 6 EC)</td>
</tr>
</tbody>
</table>
### Year 3 Specialisation Business Administration

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The programme has 36 EC of electives. Here you find the recommended electives</td>
<td></td>
</tr>
<tr>
<td>Cultural Industries (6012B0267Y, 6 EC), Human Resource Management (6012B0222Y, 6 EC), Retail Marketing (6012B0280Y, 6 EC), Corporate Social Responsibility (6012B0211Y, 6 EC), Entrepreneurship and Innovation (6012B0215Y, 6 EC), Intermediate Financial Accounting I (6012B0317Y, 6 EC), Introduction to Social Entrepreneurship (6012B0418Y, 6 EC), Project 3: Quantitative Research (6012B0253Y, 6 EC), E-Business (6012B0268Y, 6 EC), Environmental Economics (6012B0341Y, 6 EC)</td>
<td>Cultural Industries for Business (period 4, 6013B0544Y, 6 EC), Human Resource Management (period 1, 6013B0521Y, 6 EC), Retail Marketing (period 1, 6013B0529Y, 6 EC), Corporate Social Responsibility (period 2, 6013B0525Y, 6 EC), Course no longer offered Financial Accounting 2 (period 4, 6013B0511Y, 6 EC), Introduction to Social Entrepreneurship (period 2, 6013B0534Y, 6 EC), Course no longer offered Digital Business Models (period 5, 6013B0504Y, 6 EC), Environmental Economics (period 2, 6013B0528Y, 6 EC)</td>
</tr>
<tr>
<td>Marketing Management (6012B0239Y, 6 EC)</td>
<td>Marketing in the Digital Age (period 4, 6013B0506Y, 6 EC)</td>
</tr>
<tr>
<td>Strategy and Organisation (6012B0257Y, 6 EC)</td>
<td>Strategy and Change (period 4, 6013B0507Y, 6 EC)</td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Business Administration (6013B0347Y, 12 EC)</td>
<td>The Bachelor’s Thesis and Thesis Seminar Business Administration (period 5+6, 6013B0347Y, 12 EC) will be offered until academic year 2020-2021.</td>
</tr>
</tbody>
</table>

### Year 2 Specialisation Accountancy and Control

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economie van Markten en Organisaties (6012B0314Y, 6 EC)</td>
<td>Economics of Markets and Organisations (period 5, 6011P0248Y, 6 EC)</td>
</tr>
<tr>
<td>Voortgezette Statistiek (6012B0264Y, 6 EC)</td>
<td>Statistics 2 for Economics (period 1, 6012B0451Y, 6 EC)</td>
</tr>
<tr>
<td>Course Title</td>
<td>Old course</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Financiering (6012B0217Y, 6 EC)</td>
<td>Finance 2 (period 4, 6012B0457Y, 6 EC)</td>
</tr>
<tr>
<td>Wetenschapsleer (6012B0313Y, 6 EC)</td>
<td>Economic Methodology (period 1+ 2+ 3, 6012B0454Y, 6 EC)</td>
</tr>
<tr>
<td>Vermogensrecht (6012B0263Y, 6 EC)</td>
<td>Vermogensrecht (period 3, 6013B0531Y, 6 EC)</td>
</tr>
<tr>
<td>Management Accounting, Intermediate (6012B0237Y, 6 EC)</td>
<td>Management Accounting 1 for Economics (period 4, 6012B0456Y, 6 EC)</td>
</tr>
<tr>
<td>Internal Accounting Control 1 (6012B0229Y, 6 EC)</td>
<td>Administratieve organisatie (period 3, 6013B0532Y, 6 EC)</td>
</tr>
<tr>
<td>Onderzoekspracticum AC &amp; FE (6012B0246Y, 6 EC)</td>
<td>Project Qualitative Research Methods &amp; Analysis (6011P0227, period 4,5,6)</td>
</tr>
<tr>
<td></td>
<td>Project Quantitative Research Methods &amp; Analysis (6012B0424, period 1tm 3)</td>
</tr>
<tr>
<td></td>
<td>Research Laboratory: Business Economics (period 4+5+6, 6012B0459Y, 6 EC)</td>
</tr>
</tbody>
</table>

**Year 3 Specialisation Accountancy and Control**

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The programme has 36 EC of electives. Here you find the recommended electives</td>
<td></td>
</tr>
<tr>
<td>Inleiding Belastingheffing Algemeen (6012B0225Y, 6 EC)</td>
<td>Unchanged</td>
</tr>
<tr>
<td>Internal Accounting Control 2 (6012B0230Y, 6 EC), Accounting Information Systems (period 4, 6013B0512Y, 6 EC)</td>
<td></td>
</tr>
<tr>
<td>Ondernemingsrecht (6012B0245Y, 6 EC), Ondernemingsrecht (period 2, 6013B0533Y, 6 EC)</td>
<td></td>
</tr>
<tr>
<td>Internal Belastingheffing Ondernemingen (6012B0226Y, 6 EC)</td>
<td>Unchanged</td>
</tr>
<tr>
<td>Financial Statement Analysis (6012B0410Y, 6 EC)</td>
<td>Financial Statement Analysis (period 6, 6612ZD008Y, 6 EC)</td>
</tr>
<tr>
<td></td>
<td>Course enrolment via Study Desk.</td>
</tr>
<tr>
<td>Auditing (6012B0208Y, 6 EC)</td>
<td>Elective (6 EC)</td>
</tr>
<tr>
<td></td>
<td>If you did not pass Auditing, you must take an extra elective.</td>
</tr>
<tr>
<td>Management Accounting, Advanced (6012B0236Y, 6 EC)</td>
<td>Management Accounting 2 (period 5, 6013B0514Y, 6 EC)</td>
</tr>
<tr>
<td>Bachelorscriptie en Afstudeerseminar Accountancy &amp; Control (6013B0320Y, 12 EC)</td>
<td>The Bachelorscriptie en Afstudeerseminar Accountancy &amp; Control (period 5+6, 6013B0320Y, 12 EC) will be offered until academic year 2020-2021.</td>
</tr>
<tr>
<td>Bachelorscriptie en Afstudeerseminar Accountancy en Control met Scriptiestage (6013B0321Y, 18 EC)</td>
<td>The Bachelorscriptie en Afstudeerseminar Accountancy en Control met Scriptiestage (period 5+6, 6013B0321Y, 18 EC) will be offered until academic year 2020-2021.</td>
</tr>
</tbody>
</table>
Specialisations Economie / Economie en Financiering

Year 2 Specialisation Economie / Economics / Economie en Financiering / Economics and Finance

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economie van Markten en Organisaties (6012B0314Y, 6 EC) or Economics of Markets and Organisations (6012B0214Y, 6 EC)</td>
<td>Economics of Markets and Organisations (period 5, 6011P0248Y, 6 EC)</td>
</tr>
<tr>
<td>Voortgezette Statistiek (6012B0264Y, 6 EC) or Intermediate Statistics (6012B0319Y, 6 EC)</td>
<td>Statistics 2 for Economics (period 1, 6012B0451Y, 6 EC)</td>
</tr>
<tr>
<td>Financiering (6012B0217Y, 6 EC) or Finance (6012B0315Y, 6 EC)</td>
<td>Finance 2 (period 4, 6012B0457Y, 6 EC)</td>
</tr>
<tr>
<td>Geld en Bankwezen (6012B0221Y, 6 EC) or Money and Banking (6012B0316Y, 6 EC)</td>
<td>Money and Banking (period 1, 6012B0450Y, 6 EC)</td>
</tr>
<tr>
<td>Wetenschapsleer (6012B0313Y, 6 EC) or Economic Methodology (6012B0213Y, 6 EC)</td>
<td>Economic Methodology (period 1+2+3, 6012B0454Y, 6 EC)</td>
</tr>
<tr>
<td>Microeconomics (6012B0241Y, 6 EC) or Microeconomics (6012B0324Y, 6 EC)</td>
<td>Microeconomics 2 (period 5, 6012B0462Y, 6 EC)</td>
</tr>
<tr>
<td>Voortgezette Wiskunde (6012B0338Y, 6 EC) or Intermediate Mathematics (6012B0339Y, 6 EC)</td>
<td>Mathematics 2 for Economics (period 4, 6012B0461Y, 6 EC)</td>
</tr>
<tr>
<td>Macroeconomie (6012B0235Y, 6 EC) or Macroeconomics (6012B0321Y, 6 EC)</td>
<td>Macroeconomics 2 (period 5, 6012B0463Y, 6 EC)</td>
</tr>
<tr>
<td>Internationale Monetaire Betrekkingen (6012B0231Y, 6 EC) or International Money (6012B0320Y, 6 EC)</td>
<td>International Money and Finance (period 2, 6012B0452Y, 6 EC)</td>
</tr>
<tr>
<td>Speltheorie (6012B0311Y, 6 EC) or Game Theory (6012B0220Y, 6 EC)</td>
<td>Game Theory (period 5, 6012B0460Y, 6 EC)</td>
</tr>
</tbody>
</table>

Year 3 Specialisation Economie / Economics

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The programme has 30 EC of electives.</td>
<td>The programme has 12 EC of restricted electives. You must take two courses of this list.</td>
</tr>
<tr>
<td>Public Economics (6012B0254Y, 6 EC), Regulation, Regulatory Impact and Reform (6012B0279Y, 6 EC),</td>
<td>Public Economics (period 1, 6013B0463Y, 6 EC)</td>
</tr>
<tr>
<td>Course no longer offered</td>
<td>Course no longer offered</td>
</tr>
<tr>
<td>Old course</td>
<td>New course</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Industrial Organisation (6012B0223Y, 6 EC),</td>
<td>Industrial Organisation (period 5, 6013B0462Y),</td>
</tr>
<tr>
<td>International Trade and Investment (6012B0232Y, 6 EC),</td>
<td>International Trade and Investment (period 2, 6013B0465Y, 6 EC),</td>
</tr>
<tr>
<td>Monetary and Fiscal Policy (6012B0242Y, 6 EC),</td>
<td>Monetary and Fiscal Policy (period 3, 6013B0466Y, 6 EC),</td>
</tr>
<tr>
<td>Development Economics (6012B0269Y, 6 EC),</td>
<td>Development Economics (period 4, 6013B0467Y, 6 EC),</td>
</tr>
<tr>
<td>Labour Economics (6012B0275Y, 6 EC),</td>
<td>Labour Economics (period 4, 6013B0468Y, 6 EC),</td>
</tr>
<tr>
<td>Behavioural Economics (6012B0265Y, 6 EC),</td>
<td>Behavioural Economics (period 2, 6013B0464Y, 6 EC),</td>
</tr>
<tr>
<td>Political Economy: Dialectical Methodology (6012B0327Y, 6 EC)</td>
<td>Course no longer offered</td>
</tr>
<tr>
<td>New additions to this list:</td>
<td>New additions to this list:</td>
</tr>
<tr>
<td>Organisational Economics (period 4, 6013B0461Y, 6 EC),</td>
<td>Organisational Economics (period 4, 6013B0461Y, 6 EC),</td>
</tr>
<tr>
<td>History of Economic Thought (period 5, 6013B0469Y, 6 EC)</td>
<td>History of Economic Thought (period 5, 6013B0469Y, 6 EC)</td>
</tr>
<tr>
<td>Econometrics (6012B0212Y, 6 EC)</td>
<td>Econometrics (period 2, 6012B0453Y, 6 EC)</td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Economics (6013B0324Y, 12 EC)</td>
<td>The Bachelor’s Thesis and Thesis Seminar Economics (period 5+6, 6013B0324Y, 12 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.</td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Economics with Thesis Internship (6013B0325Y, 18 EC)</td>
<td>The Bachelor’s Thesis and Thesis Seminar Economics with Thesis Internship (period 5+6, 6013B0325Y, 18 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.</td>
</tr>
</tbody>
</table>

### Year 3 Specialisation  Economie en Financiering / Economics and Finance

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The programme has 12 EC of electives. Here you find the recommended electives</td>
<td></td>
</tr>
<tr>
<td>Industrial Organisation (6012B0223Y, 6 EC),</td>
<td>Industrial Organisation (period 5, 6013B0462Y, 6 EC),</td>
</tr>
<tr>
<td>International Trade and Investment (6012B0232Y, 6 EC),</td>
<td>International Trade and Investment (period 2, 6013B0465Y, 6 EC),</td>
</tr>
<tr>
<td>Organisational Economics (6012B0248Y, 6 EC)</td>
<td>Organisational Economics (period 4, 6013B0461Y, 6 EC),</td>
</tr>
<tr>
<td>Econometrics (6012B0212Y, 6 EC)</td>
<td>Econometrics (period 2, 6012B0453Y, 6 EC)</td>
</tr>
<tr>
<td>Advanced Corporate Finance (6012B0207Y, 6 EC)</td>
<td>Corporate Finance (period 4, 6013B0517Y, 6 EC)</td>
</tr>
<tr>
<td>Investment and Portfolio Theory 1 (6012B0233Y, 6 EC)</td>
<td>Investment and Portfolio Theory 1 (period 4, 6013B0516Y, 6 EC)</td>
</tr>
<tr>
<td>Investment and Portfolio Theory 2 (6012B0234Y, 6 EC)</td>
<td>Investment and Portfolio Theory 2 (period 5, 6013B0518Y, 6 EC)</td>
</tr>
<tr>
<td>Management Accounting, Intermediate</td>
<td>Management Accounting 1 for Economics</td>
</tr>
</tbody>
</table>
Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business 2019-2020

Section B4: programme-specific section BSc Economics and Business

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economie van Markten en Organisaties (6012B0314Y, 6 EC) or Economies of Markets and Organisations (6012B0214Y, 6 EC)</td>
<td>Economics of Markets and Organisations (period 5, 6011P0248, 6 EC)</td>
</tr>
<tr>
<td>Voortgezette Statistiek (6012B0264Y, 6 EC) or Intermediate Statistics (6012B0319Y, 6 EC)</td>
<td>Statistics 2 for Economics (period 1, 6012B0451Y, 6 EC)</td>
</tr>
<tr>
<td>Financiering (6012B0217Y, 6 EC) or Finance (6012B0315Y, 6 EC)</td>
<td>Finance 2 (period 4, 6012B0457Y, 6 EC)</td>
</tr>
<tr>
<td>Geld en Bankwezen (6012B0221Y, 6 EC) or Money and Banking (6012B0316Y, 6 EC)</td>
<td>Money and Banking (period 1, 6012B0450Y, 6 EC)</td>
</tr>
<tr>
<td>Wetenschapsleer (6012B0313Y, 6 EC) or Economic Methodology (6012B0213Y, 6 EC)</td>
<td>Economic Methodology (period 1+2+3, 6012B0454Y, 6 EC)</td>
</tr>
<tr>
<td>Investment and Portfolio Theory 1 (6012B0233Y, 6 EC)</td>
<td>Investment and Portfolio Theory 1 (period 4, 6013B0516Y, 6 EC)</td>
</tr>
<tr>
<td>Management Accounting, Intermediate (6012B0237Y, 6 EC) or Management Accounting, Intermediate (6012B0322Y, 6 EC)</td>
<td>Management Accounting 1 for Economics (period 4, 6012B0456, 6 EC)</td>
</tr>
<tr>
<td>Investment and Portfolio Theory 2 (6012B0234Y, 6 EC)</td>
<td>Investment and Portfolio Theory 2 (period 5, 6013B0518Y, 6 EC)</td>
</tr>
<tr>
<td>Internationale Monetaire Betrekkingen (6012B0231Y, 6 EC) or International Money (6012B0320Y, 6 EC)</td>
<td>International Money and Finance (period 2, 6012B0452Y, 6 EC)</td>
</tr>
<tr>
<td>Speltheorie (6012B0311Y, 6 EC) or Game Theory (6012B0220Y, 6 EC)</td>
<td>Game Theory (period 5, 6012B0460Y, 6 EC)</td>
</tr>
</tbody>
</table>

Specialisation Financiering en Organisatie / Finance and Organisation

Year 2 Specialisation Financiering en Organisatie

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Accounting, Intermediate (6012B0322Y, 6 EC)</td>
<td>Management Accounting 1 for Economics (period 4, 6012B0456, 6 EC)</td>
</tr>
<tr>
<td>Investment and Portfolio Theory 2 (6012B0234Y, 6 EC)</td>
<td>Investment and Portfolio Theory 2 (period 5, 6013B0518Y, 6 EC)</td>
</tr>
<tr>
<td>Internationale Monetaire Betrekkingen (6012B0231Y, 6 EC) or International Money (6012B0320Y, 6 EC)</td>
<td>International Money and Finance (period 2, 6012B0452Y, 6 EC)</td>
</tr>
<tr>
<td>Speltheorie (6012B0311Y, 6 EC) or Game Theory (6012B0220Y, 6 EC)</td>
<td>Game Theory (period 5, 6012B0460Y, 6 EC)</td>
</tr>
</tbody>
</table>

Bachelor’s Thesis and Thesis Seminar Economics and Finance (6013B0345Y, 12 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.

Bachelor’s Thesis and Thesis Seminar Economics and Finance with Thesis Internship (6013B0346Y, 18 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.
### Year 3 Specialisation Financiering en Organisatie

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>The programme has 24 EC of electives. Here you find the recommended electives</td>
<td>Vastgoedkunde (period 1, 6013B0541Y, 6EC)</td>
</tr>
<tr>
<td>Vastgoedkunde (6012B0282Y, 6 EC),</td>
<td>Monetary and Fiscal Policy (period 3, 6013B0466Y, 6EC)</td>
</tr>
<tr>
<td>Monetary and Fiscal Policy (6012B0242Y, 6 EC),</td>
<td>Ondernemings- en jaarrekeningenrecht (period 2, 6013B0533Y, 6 EC)</td>
</tr>
<tr>
<td>Ondernemingsrecht (6012B0245Y),</td>
<td>Note: This course overlaps with Corporate Law</td>
</tr>
<tr>
<td>Corporate Governance (6012B0266Y, 6 EC),</td>
<td>Corporate Governance (6013B0543Y, 6 EC),</td>
</tr>
<tr>
<td>Information and Data Management (6012B0426Y, 6 EC),</td>
<td>Unchanged</td>
</tr>
<tr>
<td>Vermogensrecht (6012B0263Y, 6 EC),</td>
<td>Vastgoedkunde (period 1, 6013B0531Y, 6EC)</td>
</tr>
<tr>
<td>Corporate Law (6012B0458Y, 6 EC)</td>
<td>Corporate Law (period 5, 6012B0458Y, 6 EC)</td>
</tr>
<tr>
<td>Note: This course overlaps with Ondernemings- en jaarrekeningenrecht</td>
<td>Note: This course overlaps with Ondernemings- en jaarrekeningenrecht</td>
</tr>
<tr>
<td>The programme has 6 EC of restricted electives. You must take one courses of this list.</td>
<td>Industrial Organisation (period 5, 6013B0462Y, 6 EC) of Financial Accounting 2</td>
</tr>
<tr>
<td>Industrial Organisation (6012B0223Y, 6 EC) or</td>
<td>(period 4, 6013B0511Y, 6 EC)</td>
</tr>
<tr>
<td>Intermediate Financial Accounting I (6012B0227Y, 6 EC)</td>
<td>Econometrics</td>
</tr>
<tr>
<td>(6012B0212Y, 6 EC)</td>
<td>(period 2, 6012B0453Y, 6 EC)</td>
</tr>
<tr>
<td>Advanced Corporate Finance (6012B0207Y, 6 EC)</td>
<td>Corporate Finance (period 4, 6013B0517Y, 6 EC)</td>
</tr>
<tr>
<td>(6012B0248Y, 6 EC)</td>
<td>Organisational Economics (period 4, 6013B0461Y, 6 EC)</td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Finance and Organisation (6013B0324Y, 12 EC)</td>
<td>The Bachelor’s Thesis and Thesis Seminar Finance and Organisation (period 5+6, 6013B0324Y, 12 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.</td>
</tr>
<tr>
<td>Bachelor’s Thesis and Thesis Seminar Finance and Organisation with Thesis Internship (6013B0326Y, 18 EC)</td>
<td>The Bachelor’s Thesis and Thesis Seminar Finance and Organisation with Thesis Internship (period 5+6, 6013B0326Y, 18 EC) will be offered until academic year 2020-2021. This course will also be offered one last time in period 2+3 in 2019-2020.</td>
</tr>
</tbody>
</table>

### Article 8.3 Publication
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.
Article 8.4 Effective date
Section B of these Regulations will come into force as of 1 September 2019

Advice and consent from the Programme Committees, Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operations Research (OC-AEO), date: 16 May 2019

Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Section B5: programme-specific section BSc Economics and Business Economics

1. General provisions

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

Article 1.2 Degree programme information
1. The Bachelor’s degree programme in Economics and Business Economics has CROHO number 59318. It is a full-time degree programme.
2. A teaching unit consists of 6 ECTS, or an integer multiple of this.
3. Students taking the programme have to choose one out of two majors:
   - Business Economics
   - Economics
Students taking the major Business Economics have to choose one out of three specialisations:
   - Accounting and Control
   - Finance
   - Organisational Economics
4. The programme will be taught in the English language, while in the first year tutorials will also be offered in Dutch, within the limit of available Dutch speaking teaching capacity.
5. The Economics and Business Economics degree programme does not admit flexible-learning students.

2. Programme objectives and Intended Learning Outcomes

Article 2.1 Programme objective
The aim of the Bachelor’s degree programme in Economics and Business Economics is to train students to think and work at an academic level. Students acquire academic knowledge of fundamental economic and business-economic concepts and train their analytical, statistical and practical skills. They are also trained in the research methods needed to apply the knowledge they have acquired to relevant issues in the discipline.

The degree programme is made up of a basic part comprising three semesters and a major part also comprising three semesters. The basic part offers the students a good foundation in economics and business economics. After completing the basic part, students choose one of two major programmes: Economics or Business Economics. During the major part of the programme students acquire a more advanced knowledge in the chosen major.

The Economics major focuses on studying processes and institutions associated with the use and distribution of scarce, alternatively usable resources. It covers economic decisions of individuals and businesses, as well as government decisions.

The Business Economics major focuses on organisations’ investment and financing decisions as well as economic organisation theory and the way in which organisations’ financial administration is arranged. Attention is also paid to corporate law. Three specialisations are offered within the Business Economics major: Accountancy and Control, Finance, and Organisational Economics.

Article 2.2 Intended learning outcomes
The objectives of the Bachelor’s programme Economics and Business Economics are based on the five Dublin descriptors. The intended learning outcomes are knowledge and insight of the course field, the skill to apply the knowledge, the skill to form a well-founded judgement, the ability to communicate adequately and the ability to learn autonomously.
**Knowledge and insight**

Upon completion of the programme, students have knowledge and understanding of:
- fundamental questions, concepts, theories and methodological techniques in the field of Economics and Business Economics;
- key questions, advanced theories, concepts and methodological techniques in the field of their major techniques in the field of their major (Economics or Business Economics);
- key questions, advanced theories, concepts and methodological techniques in the field of their specialisation (Economics, Accounting and Control, Finance or Organisational Economics);
- global issues and trends related to the discipline.

**Application of knowledge and sight**

Upon completion of the programme, students have the skills to:
- apply basic economics and business economics theories, concepts and methodological techniques to explain general economic developments in society;
- apply theories and methodological techniques in the field of their major (Economics or Business Economics) to a problem in the field of their major in a structured way, to analyse it and to draw reasoned conclusions from the analysis;
- apply advanced theories and methodological techniques in the field of their specialization (Economics, Accounting and Control, Finance or Organisational Economics) in order to map out a problem in the field of their specialization in a structured way, analyse it and draw a reasoned conclusion from the analysis;
- to set up and carry out economic and business-economic research at an academic level.

**Judgement**

Upon completion of the programme, students have the skills to:
- reflect on the results obtained, including their scientific, social and ethical aspects;
- find and study original sources and data, and assess their mutual relative value.

**Communication**

Upon completion of the programme, students have the skills to:
- report on a problem in a clear, concise, and structured manner, including how it has been formulated and analyzed.

**Learning skills**

Upon completion of the training, students have the skills to:
- learn and work both independently and as a team;
- work together in an international environment.
3. Admission

Article 3.1 Additional previous education requirements
1. The following requirements are grounds for admission to the programme:
   a. a Dutch student is admissible to the programme on the basis of a VWO degree, including Mathematics A or B;
   b. a student with an ‘HBO’ (higher professional education) diploma or who has completed the first year of an ‘HBO’ programme, and who can demonstrate sufficient command of Mathematics and English, is admissible to the programme.
2. An EU-student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B and English. A mathematics assessment set by the FEB can be part of the admission requirements.
3. A non-EU student is admissible to the programme on the basis of a degree equivalent to VWO, including Mathematics A or B. Non-EU students may also need to pass a Mathematics test provided by the Faculty.

Article 3.2 Colloquium doctum
1. The entrance examination referred to in Article 2.3 of Section A concerns the following subjects at the final pre-university (VWO) exam level:
   a. English language proficiency;
   b. Mathematics 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. Students who have not completed their preparatory education in a Dutch-speaking country, but who wish to participate in the Dutch part of the degree programme, should demonstrate that they have sufficient proficiency in Dutch to be able to follow academic education successfully. In this case, the Dutch language proficiency requirement (VWO final level/B2) can be satisfied by having passed one of the following examinations:
   - the state examination in Dutch as a Second Language, examination II (NT2 II);
   - or one of the documents listed in the overview on the UvA website, http://www.uva.nl/en/education/bachelor-s/how-to-apply/dutch-taught-programmes/prior-education-non-dutch/dutch-language-requirements/dutch-language-requirements.html
2. Students who have not obtained a VWO diploma are required to demonstrate that they have sufficient proficiency in English to be able to follow academic education successfully. In this case, sufficient knowledge of the English language (VWO final level/B2) can be demonstrated by means of:
   - TOEFL IBT test: minimum score of 92, at least score of 22 for every partial score()
   - IELTS Academic test: minimum score of 6.5 overall, at least a score of 6 for every partial score
   - Cambridge Assessment English:
     - Certificate in Advanced English: 170 Points Overall and in each skill
     - Certificate of Proficiency in English: 170 Points Overall and in each skill
Students who have passed English as part of their final examinations in certain countries may be exempted from an English test. A list of countries for which this applies is available from the Faculty Admissions Office.
4. Curriculum

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 application of knowledge, skills and attitude as described in Article 2.2.

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

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

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

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

BSc in Economics and Business Economics programme, first year

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

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

Major Business Economics, second year*
The third year of the major Business Economics consists of a specialisation track of 30 ECTS and an elective space of 30 ECTS.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
</tr>
<tr>
<td>or International exchange (30 ECTS)</td>
<td>Accounting Information Systems</td>
</tr>
<tr>
<td>or Internship (12 ECTS) + Electives (18 ECTS)</td>
<td>or Electives (30 ECTS)</td>
</tr>
</tbody>
</table>

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

<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>Minors (30 ECTS)</td>
<td>Investment and Portfolio Theory 1</td>
</tr>
<tr>
<td>or International exchange (30 ECTS)</td>
<td>Corporate Finance</td>
</tr>
<tr>
<td>or Internship (12 ECTS) + Electives (18 ECTS)</td>
<td>or Electives (30 ECTS)</td>
</tr>
</tbody>
</table>

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

<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>Minors (30 ECTS)</td>
<td>Organisational Economics</td>
</tr>
<tr>
<td>or International exchange (30 ECTS)</td>
<td>Corporate Finance</td>
</tr>
<tr>
<td>or Internship (12 ECTS) + Electives (18 ECTS)</td>
<td>or Electives (30 ECTS)</td>
</tr>
</tbody>
</table>

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

<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>Money and Banking</td>
<td>International Money and Finance</td>
</tr>
<tr>
<td>Statistics 2 for Economics</td>
<td>Econometrics</td>
</tr>
</tbody>
</table>

Major Economics second year*

The third year of the major Economics consists of a specialisation track of 30 ECTS and elective space of 30 EC.

<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>Courses for Economics specialisation (24 ECTS total)* AND Minors (30 ECTS) or International exchange (30 ECTS) or Internship (12 ECTS) + Electives (18 ECTS) or Electives (30 ECTS)</td>
<td></td>
</tr>
</tbody>
</table>

* The programme of the specialisation track consists of a thesis and of four specialisation Economics courses from the following list, chosen by the student:
  - Behavioural Economics
  - Development Economics
  - History of Economic Thought
  - Industrial Organisation
  - International Trade and Investment
  - Introduction to Python
  - Labour Economics
  - Monetary and Fiscal Policy
  - Organisational Economics
  - Public Economics

** For the international exchange is only time scheduled in the first semester. The internship is only offered in the first semester.

Article 4.5 Elective subjects, minors, studying abroad
For the general rules, see Article 3.2 paragraph 4 of Section A.
Students can use the elective space of 30 EC by choosing one of these options:

- Follow a minor;
- Do a company internship (12 EC) in combination with elective courses (18 EC);
- Take elective courses at the UvA or at another university in the Netherlands;
- Take elective courses abroad through an international exchange.

Please notice:
The specialization courses of the major economics are spread over both the first and the second semester. By choosing a minor or an international exchange, the choice of specialization courses is limited.

Courses offered within a different major than the one being taken are also suitable as electives.

**Article 4.6 Thesis**
Rules and regulations about content, supervision and assessment of the thesis can be found in the Course Catalogue.

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

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

**Article 4.9 Degree**
See Article 4.11 paragraph 3 in Section A.

**Article 4.10 List of courses**
All courses carry 6 ECTS unless stated otherwise.

**Year 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0236</td>
<td>Mathematics 1 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0200</td>
<td>Principles of Economics and Business 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0212</td>
<td>Principles of Economics and Business 2</td>
<td>1, 2, 3</td>
<td></td>
</tr>
<tr>
<td>6011P0230</td>
<td>Financial Accounting 1 for Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0233</td>
<td>Microeconomics 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0242</td>
<td>Macroeconomics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0245</td>
<td>Statistics 1 for Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0248</td>
<td>Economics of Markets and Organisations</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0251</td>
<td>Finance 1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0254</td>
<td>Research Project</td>
<td>4, 5, 6</td>
<td></td>
</tr>
</tbody>
</table>

* * First-year courses in the BSc Economics and Business Economics degree programme are only accessible to students in possession of a valid registration for the BSc Economics and Business Economics, BSc Fiscal Economics, BSc Economie en Bedrijfskunde/BSc Economics and Business degree programmes. Courses that
are part of a minor are open to students who are enrolled in the minor of which the course is a part (Economics: transition minor; minor Macroeconomics: International and Monetary Economics; Microeconomics: Markets and Organisations).

**Honours course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0411</td>
<td>The Why Axis</td>
<td>5+6</td>
<td>Admission to the Honours Programme</td>
</tr>
</tbody>
</table>

**Year 2 – Major in Business Economics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0450</td>
<td>Money and Banking</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0451</td>
<td>Statistics 2 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0452</td>
<td>International Money and Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0453</td>
<td>Econometrics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0454</td>
<td>Economic Methodology</td>
<td>1,2,3</td>
<td></td>
</tr>
<tr>
<td>6012B0455</td>
<td>Strategy</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0456</td>
<td>Management Accounting 1 for Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6012B0457</td>
<td>Finance 2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0458</td>
<td>Corporate Law</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0459</td>
<td>Research Laboratory: Business Economics</td>
<td>4, 5, 6</td>
<td></td>
</tr>
</tbody>
</table>

**Year 3 – Major Business Economics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0472</td>
<td>Bachelor Internship Economics and Business Economics (12 EC)</td>
<td>1,2,3</td>
<td>≥ 90 EC completed</td>
</tr>
</tbody>
</table>

**Year 3 – Major in Business Economics – Specialisation Accounting and Control**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0511</td>
<td>Financial Accounting 2</td>
<td>4</td>
<td>Financial Accounting 1 for Economics or Financial Accounting 1 for Business</td>
</tr>
<tr>
<td>6013B0512</td>
<td>Accounting Information Systems</td>
<td>4</td>
<td>Financial Accounting 1 for Economics or Financial Accounting 1 for Business</td>
</tr>
<tr>
<td>6013B0513</td>
<td>Financial Accounting 3</td>
<td>5</td>
<td>Financial Accounting 1 for Economics or Financial Accounting 1 for Business</td>
</tr>
<tr>
<td>6013B0514</td>
<td>Management Accounting 2</td>
<td>5</td>
<td>Financial Accounting 1 for Economics or Financial Accounting 1 for Business</td>
</tr>
</tbody>
</table>
### Year 3 – Major in Business Economics – Specialisation Finance

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0516</td>
<td>Investment and Portfolio Theory 1</td>
<td>4</td>
<td>Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance (3802FIQPVY) OR Finance for AE (6011P0260)</td>
</tr>
<tr>
<td>6013B0517</td>
<td>Corporate Finance</td>
<td>4</td>
<td>Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance (3802FIQPVY) OR Finance for AE (6011P0260)</td>
</tr>
<tr>
<td>6013B0518</td>
<td>Investment and Portfolio Theory 2</td>
<td>5</td>
<td>Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance (3802FIQPVY) OR Finance for AE (6011P0260)</td>
</tr>
<tr>
<td>6013B0470</td>
<td>Introduction to Python</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6013B0455</td>
<td>Bachelor’s Thesis and Thesis Seminar</td>
<td>4,5,6</td>
<td>≥120 ECTS and first year completed.</td>
</tr>
</tbody>
</table>

### Year 3 – Major in Business Economics – Specialisation Organisational Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0461</td>
<td>Organisational Economics</td>
<td>4</td>
<td>Economics of Markets and Organisations (6011P0248) of Microeconomics for AE (6011P0283) or Economics, Markets and Organisations II (3803EMQPV)</td>
</tr>
<tr>
<td>6013B0517</td>
<td>Corporate Finance</td>
<td>4</td>
<td>Finance 1 for Economics or Finance 1 for Business + Finance 2 OR Finance (3802FIQPVY) OR Finance for AE (6011P0260)</td>
</tr>
<tr>
<td>6013B0462</td>
<td>Industrial Organisation</td>
<td>5</td>
<td>Economics of Markets and Organisations (6011P0248) of Microeconomics for AE (6011P0283) or Economics, Markets and Organisations II (3803EMQPV)</td>
</tr>
<tr>
<td>6013B0470</td>
<td>Introduction to Python</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
### Year 2 – Major in Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6012B0450</td>
<td>Money and Banking</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0451</td>
<td>Statistics 2 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6012B0452</td>
<td>International Money and Finance</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0453</td>
<td>Econometrics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6012B0454</td>
<td>Economic Methodology</td>
<td>1, 2, 3</td>
<td></td>
</tr>
<tr>
<td>6012B0460</td>
<td>Game Theory</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6012B0461</td>
<td>Mathematics 2 for Economics</td>
<td>4</td>
<td>Mathematics 1 for Economics (6011P0236) or Mathematics (3802M1QPVY)</td>
</tr>
<tr>
<td>6012B0462</td>
<td>Microeconomics 2</td>
<td>4</td>
<td>Microeconomics 1 (6011P0233) or Microeconomics for AE (6011P0283) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0463</td>
<td>Macroeconomics 2</td>
<td>5</td>
<td>Macroeconomics 1 (6011P0242) or Macroeconomics for AE (6011P0284) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6012B0464</td>
<td>Research Laboratory: Economics</td>
<td>4, 5, 6</td>
<td></td>
</tr>
</tbody>
</table>

### Year 3 – Major in Economics*

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0472</td>
<td>Bachelor Internship</td>
<td>1, 2, 3</td>
<td>≥ 90 ECTS completed and first year completed.</td>
</tr>
</tbody>
</table>

*Course Code: 6013B0464

### Behavioural Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0464</td>
<td>Behavioural Economics</td>
<td>2</td>
<td>Microeconomics 1 (6011P0233) or Microeconomics for AE</td>
</tr>
</tbody>
</table>

---
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0467</td>
<td>Development Economics</td>
<td>4</td>
<td>(6011P0283) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Microeconomics 1 (6011P0233) / Microeconomics for AE (6011P0283) + Macroeconomics 1 (6011P0242) / Macroeconomics for AE (6011P0284) OR Economics, Markets and Organisations I (3801EM1PVY) OR Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0469</td>
<td>History of Economic Thought</td>
<td>5</td>
<td>Microeconomics 1 (6011P0233) / Microeconomics for AE (6011P0283) + Macroeconomics 1 (6011P0242) / Macroeconomics for AE (6011P0284) OR Economics, Markets and Organisations I (3801EM1PVY) OR Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0462</td>
<td>Industrial Organisation</td>
<td>5</td>
<td>Economics of Markets and Organisations (6011P0248) or Microeconomics for AE (6011P0283) or Economics, Markets and Organisations II (3803EMQPV)</td>
</tr>
<tr>
<td>6013B0465</td>
<td>International Trade and Investment</td>
<td>2</td>
<td>Macroeconomics 1 (6011P0242) or Macroeconomics for AE (6011P0284) or Economics, Markets and Organisations I (3801EM1PVY) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0470</td>
<td>Introduction to Python</td>
<td>5</td>
<td>Macroeconomics 1 (6011P0242) or Macroeconomics for AE (6011P0284) or Economics, Markets and Organisations I (3801EM1PVY) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0468</td>
<td>Labour Economics</td>
<td>4</td>
<td>Macroeconomics 1 (6011P0242) or Macroeconomics for AE (6011P0284) or Economics, Markets and Organisations I (3801EM1PVY) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0466</td>
<td>Monetary and Fiscal Policy</td>
<td>3</td>
<td>Macroeconomics 1 (6011P0242) or Macroeconomics for AE (6011P0284) or Economics, Markets and Organisations I (3801EM1PVY) or Principles of Economics (6012B0303)</td>
</tr>
<tr>
<td>6013B0461</td>
<td>Organisational Economics</td>
<td>4</td>
<td>Economics of Markets and Organisations (6011P0248) or Microeconomics for AE (6011P0283) or Economics, Markets and Organisations II</td>
</tr>
</tbody>
</table>
Article 4.11 Major programmes
1. The following major programmes are offered:
   - Economie for students in the Beta-gamma Bachelor’s degree programme (Dutch)
   - Economics 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 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 FEB.
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

See Article 4.4 and 4.5 of this Section (B5).

6. Honours programme

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

7. Academic student counselling and BSA

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

Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To obtain a positive study advice at the end of the first year of the programme, a student must fulfil the following requirements: 48 ECTS obtained in the current academic year for courses of the first year of the Bachelor’s degree programme in Economics and Business Economics;
2. A student that has not fulfilled the requirements of subsection 1 at the end of the first year of enrolment may obtain written permission by the Dean to continue in the programme. This student will receive again a binding study advice at the end of the second year, based on the requirements of subsection 1.
3. A student that has obtained a negative study advice is not allowed to enrol, for a period of three years, in the following Bachelor’s degree programmes offered by the UvA: BSc Economics and Business Economics and BSc Fiscale Economie (Economics of Taxation).

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**
There are no transition arrangements for 2019-2020.

**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 2019

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operations Research (OC-AEO), date: 16 May 2019

Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Section B6: programme-specific section BSc Fiscal Economics (Fiscale Economie)

1. General provisions

   Article 1.1 Definitions
   This article from the model OER does not apply

   Article 1.2 Degree programme information
   1. The degree programme Fiscal Economics (Fiscale Economie), CROHO number 56402 is a full-time programme and is taught in Dutch. During the first year some of the teaching is also in English.
   2. The programme does not have a choice of subject specialisations.
   3. The Bachelor's programme Fiscal Economics (Fiscale Economie) is open to flexible-learning students. In 2019-2020, the maximum number of flexible-learning students for this programme is set at 18.

2. Programme objectives and exit qualifications

   Article 2.1 Programme objective
   The course has the objective of educating students so that they possess an academic level of knowledge of the modern fiscal economics literature, as well as the ability to apply this knowledge effectively. Although orientation towards a career is important, academic education takes precedence. Fiscal Economics is concerned with the study of tax law from an economic perspective.

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

   Knowledge-related exit qualifications
   The course offers knowledge and insight into both the national and international fiscal economics situation and opinions. Insight into issues means that the graduate is able to analyse these based on theoretical concepts and is also able to be critical with respect to solutions chosen for problems in theory and practice.
   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 of the subject as well as an awareness of the subjects’ relevance to the course as a whole.
   • Level B: core knowledge
     This concerns a solid knowledge of the most important schools of thought in the 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 schools of thought 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 will have the following knowledge:
   K1. level-A knowledge of consumer and producer theory, the operation of market forces, macroeconomic processes and relationships, the public sector economy, financial accounting,
management accounting & control, organisational theory, internal organisation, marketing, information management and financing, property law and business law;

K2. level-A knowledge of the necessary mathematical and statistical principles related to each separate area of economics;

K3. level-A knowledge of general philosophical and theoretical principles and theories relating to the practice of economic science;

K4. level-B knowledge of the relationship between economics and law in general, accounting, financial accounting and VAT;

K5. level-C knowledge of the relationship between government and taxation, external reporting, corporation tax and income tax;

K6. knowledge of and insight in global issues and trends in the chosen discipline.

2. After successfully completing the programme, students will have the following skills:

S1. the ability to critically assess and analyse fiscal economics issues;

S2. the ability to report clearly and concisely, both orally and in writing;

S3. the ability to communicate effectively with people working in organisations in other disciplines;

S4. the ability to communicate with both lawyers and economists in a way that highlights the link between the two disciplines;

S5. the ability to work independently;

S6. the ability to collaborate in an international environment.

3. After successfully completing the programme, students will have the following:

A1. a multidisciplinary attitude;

A2. the capacity both to function independently and to cooperate constructively as part of a team;

A3. an understanding of the social context within which Fiscal Economics is practised;

A4. an awareness of the importance of culture and context in decision-making.

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 a 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 prior education can be compensated by the successful completion of an examination recognised by the faculty in mathematics at the level of VWO - Mathematics A.

1. a VWO-level including Mathematics A and/or Mathematics B;

2. a HBO-level or a completion of the first-year study programme of a HBO-study programme and demonstrable knowledge of English and mathematics at VWO-level, as set out above in this Paragraph. An assessment set by the FEB can be part of the admission requirements.

3. an EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics A and/or B.

3. A non-EU student may be admitted with a diploma of a comparable level to a Dutch VWO diploma including Mathematics A and/or B, a passed mathematics assessment set by the FEB

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

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. In that case, the Dutch language requirement (final pre-university (VWO) exam level/B2) can be fulfilled by passing one of the following examinations:
   – the state examination for Dutch as a Second Language, examination II (NT2 II);
   - or by providing one of the documents listed in the overview on the UvA website www.uva.nl
2. A student who is not in possession of a VWO diploma must demonstrate that he or she has sufficient proficiency in English in order to follow academic higher education successfully. Sufficient proficiency in English (equivalent to final pre-university (VWO) exam level/B2) can be shown by:
   - TOEFL IBT test: minimum score of 92, at least a score of 22 for every partial score
   - IELTS Academic test: minimum score of 6.5 overall, at least a score of 6 for every partial score
   - Cambridge Assessment English:
     • Certificate in Advanced English: 170 Points Overall and in each skill
     • Certificate of Proficiency in English: 170 Points Overall and in each skill

Students from certain countries who have passed English as part of their school-leaving exam may be exempted from an English test. A list of the countries to which this applies is available from the Admissions Office of the faculty.

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
The following curriculum is also included in the digital Course Catalogue for the 2018-2019 academic year. All components have a workload of 6 ECTS credits (unless stated otherwise.)

Article 4.4 Curriculum

Bachelor's programme Fiscal Economics (Fiscale Economie), 1st year of study

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

<table>
<thead>
<tr>
<th></th>
<th>Study Period 2</th>
<th>Study Period 3</th>
<th>Study Period 4</th>
<th>Study Period 5</th>
<th>Study Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics 1 for Economics</td>
<td>Microeconomics 1</td>
<td>Principles of Economics and Business 1</td>
<td>Macroeconomics 1</td>
<td>Economics of Markets and Organisations</td>
<td>Research Project</td>
</tr>
<tr>
<td>Principles of Economics and Business 1</td>
<td>Financial Accounting 1 for Economics</td>
<td>Statistics 1 for Economics</td>
<td>Finance 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Students who started the Bachelor's programme Business Administration in academic year 2019-2020 and who receive a positive Binding Study Advice for this programme, can choose for the Bachelor's programme Fiscal Economics as of 1 September 2020. They can enrol in year 2 of the bachelor Fiscal Economics and will have to pass all first year courses of the bachelor Business Administration.

**Bachelor's programme Fiscal Economics (Fiscale Economie), 2nd year of study**

The second year of the Bachelor’s programme comprises general compulsory components with a total workload of 54 ECTS credits and a restricted elective of 6 ECTS.

The second year of study is made up as follows:

<table>
<thead>
<tr>
<th>Study Period 1</th>
<th>Study Period 2</th>
<th>Study Period 3</th>
<th>Study Period 4</th>
<th>Study Period 5</th>
<th>Study Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First semester</strong></td>
<td><strong>Second semester</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oriëntatie Economie en Recht</td>
<td>Restricted elective (see art. 4.5)</td>
<td>Inleiding Europees Belastingrecht (3 ECTS) (FdR)</td>
<td>Financial Accounting 2</td>
<td>Inleiding Belastingheffing Onderneming</td>
<td>Wetenschapsleer Fiscale Economie</td>
</tr>
<tr>
<td>Inleiding Belastingheffing Algemeen</td>
<td>Fiscaliteit en Overheid</td>
<td>Inleiding Internationaal Belastingrecht (3 ECTS) (FdR)</td>
<td>Management Accounting 1 for Economics</td>
<td>Financial Accounting 3</td>
<td></td>
</tr>
</tbody>
</table>

* Please note: Dutch version

**Bachelor's programme Fiscal Economics (Fiscale Economie), 3rd year of study**

The third year of the Bachelor’s programme includes general compulsory components with a total workload of 54 ECTS credits and a restricted elective (6 ECTS).

The third year of study is made up as follows:

<table>
<thead>
<tr>
<th>Study Period 1</th>
<th>Study Period 2</th>
<th>Study Period 3</th>
<th>Study Period 4</th>
<th>Study Period 5</th>
<th>Study Period 6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First semester</strong></td>
<td><strong>Second semester</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vermogensrecht</td>
<td>Ondernemings-en jaarrekening-recht</td>
<td>Gereestricteerde keuzevak (zie art. 4.5)</td>
<td>Fiscale Winstberekening</td>
<td>Belastingheffing DGA</td>
<td>Bachelor's thesis and Graduation seminar Fiscal Economics</td>
</tr>
<tr>
<td>Vennootschapsbelasting</td>
<td>Belasting Toegevoegde Waarde (BTW)</td>
<td>Finance 2</td>
<td>Bachelor's thesis and Graduation seminar Fiscal Economics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Article 4.5 Electives**

For general regulations, see Article 3.2 paragraph 4 of Section A.

For students of Fiscal Economics (*Fiscale Economie*), the additional specific rule applies that they may only choose economics courses as electives.
Article 4.6 Thesis
1. The Bachelor’s thesis is written within a graduation seminar specific to the degree programme. The course catalogue describes in what way the seminar activities 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 graduation seminar syllabus.

Article 4.7 Maximum exemption
See Article 4.7 in Section A.

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

Article 4.9 Degree
See Article 4.11 paragraph 3 in Section A.

Article 4.10 List of courses
All courses carry 6 ECTS credits unless stated otherwise.

1st year of study*

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Study period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6011P0230</td>
<td>Financial Accounting 1 for Economics</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0200</td>
<td>Principles of Economics and Business 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0212</td>
<td>Principles of Economics and Business 2</td>
<td>1, 2, 3</td>
<td></td>
</tr>
<tr>
<td>6011P0233</td>
<td>Microeconomics 1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6011P0236</td>
<td>Mathematics 1 for Economics</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6011P0242</td>
<td>Macroeconomics 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0245</td>
<td>Statistics 1 for Economics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6011P0248</td>
<td>Economics of Markets and Organisations</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0251</td>
<td>Finance 1</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6011P0254</td>
<td>Research Project</td>
<td>4, 5, 6</td>
<td></td>
</tr>
</tbody>
</table>

* The first-year BSc Fiscal Economics (Fiscale Economie) courses are only open to students with a valid registration for BSc Economics and Business Economics, BSc Fiscal Economics (Fiscale Economie), BSc Economie en Bedrijfskunde/BSc Economics and Business.

2nd and 3rd year of study

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Study period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6013B0328</td>
<td>Bachelor’s thesis and Graduation seminar Fiscal Economics (Fiscale Economie)(together 12 ECTS)</td>
<td>5+6</td>
<td>≥120 ECTS obtained and 1st year of study completed</td>
</tr>
<tr>
<td>6012B0390</td>
<td>Belastingheffing DGA</td>
<td>5</td>
<td>Inleiding Belastingheffing Ondernemingen (6012B0226) + Inleiding Belastingheffing Algemeen (6012B0225)</td>
</tr>
<tr>
<td>6012B0209</td>
<td>Belasting Toegevoegde Waarde (BTW)</td>
<td>2</td>
<td>Inleiding Belastingheffing Algemeen (6012B0225)</td>
</tr>
</tbody>
</table>
5. Electives

**Article 5.1 Minors**
This article in the model OER does not apply

**Article 5.2 Electives**
Electives should meet the requirements of Article 3.2 paragraph 4 of Section A and the additional requirement stated in Article 4.5 of this Section B. See the Course Catalogue for recommended courses: www.studiegids.uva.nl.

6. Honours programme

**Article 6.1 Honours Programme**
See Article 5.1 paragraph 2 in Section A.

7. Academic student counselling and advice regarding continuation of studies

**Article 7.1 Academic student counselling**
See Article 6.1 of Section A.
Article 7.2 Binding (negative) advice regarding continuation of studies (BSA)
1. To receive positive advice regarding continuation of studies, a student must obtain at least 48 ECTS credits from the first-year degree programme by the end of the first year of enrolment in the programme.
2. Students who have not met the standard for 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 new advice at the end of the next year of study, subject to the standard of 48 ECTS credits that must be obtained in the academic year.
3. Students who receive binding negative advice regarding the continuation of studies may not enrol in the following Bachelor’s programmes offered by the Faculty during the following three academic years: Fiscal Economics (Fiscale Economie), Economie en Bedrijfskunde and Economics and Business Economics.

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 (OER) will be adopted by the Dean after taking advice from the relevant Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations (OER) 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 (Higher Education and Research Act).
3. An amendment to the Teaching and Examination Regulations (OER) can only pertain to an academic year that is already in progress if this can be shown not to harm the interests of students.

Article 8.2 Transitional provisions

Transitional arrangements for Year 1 BSc Fiscal Economics (Fiscale Economie)
Students who have not completed the ‘Old courses’ according to the table by 1 September 2018 have to complete new courses according to the following table.

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing en Strategie (6011P0147Y, 6 EC) of Marketing and Strategy (6011P0149Y)</td>
<td>Marketing (period 1, 6012B0420Y, 6EC)</td>
</tr>
<tr>
<td>Wiskunde (6011P0151Y) of Mathematics (6011P0153Y)</td>
<td>Mathematics 1 for Economics (period 1, 6011P0236Y, 6 EC)</td>
</tr>
<tr>
<td>Micro-economie (6011P0126Y) of Microeconomics (6011P0139Y)</td>
<td>Microeconomics 1 (period 2, 6011P0233Y, 6 EC)</td>
</tr>
<tr>
<td>Accounting (6011P0148Y/6011P0150Y)</td>
<td>Financial Accounting 1 for Economics (period 2, 6011P0230Y, 6 EC)</td>
</tr>
<tr>
<td>Fiscale Economie en Vaardigheden (6011P0157Y) of Academic English and Skills (6011P0143Y)</td>
<td>Principles of Economics and Business 2 (period 1+2+3, 6011P0212Y, 6 EC)</td>
</tr>
<tr>
<td>Organisatie en Management (6011P0128Y) of Organisation and Management (6011P0141Y)</td>
<td>Organisational Behaviour (period 4, 6011P0215Y, 6 EC)</td>
</tr>
<tr>
<td>Statistiek (6011P0162Y) of Statistics (6011P0163Y)</td>
<td>Statistics 1 for Economics (period 4, 6011P0245Y, 6 EC)</td>
</tr>
<tr>
<td>Macro-economie (6011P0125Y) of Macroeconomics (6011P0138Y)</td>
<td>Macroeconomics 1 (period 4, 6011P0242Y, 6 EC)</td>
</tr>
</tbody>
</table>
Teaching and Examination Regulations for the Bachelor’s degree programmes of the Faculty of Economics and Business 2019-2020
Section B6: programme-specific section BSc Fiscal Economics

### Section B6: programme-specific section BSc Fiscal Economics

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financiering (6011P0164Y) of Finance (6011P0165Y)</td>
<td>Finance 1 (period 5, 6011P0251Y, 6 EC)</td>
</tr>
<tr>
<td>Onderzoeksproject (6011P0160Y) of Research Project (6011P0161Y)</td>
<td>Research Project (period 4+5+6, 6011P0254Y, 6 EC)</td>
</tr>
</tbody>
</table>

### Transitional arrangements Years 2 and 3

Students who started the BSc Fiscal Economics (Fiscale Economie) before 1 September 2019 and who have not yet passed the old course should take the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financiering (6012B0217) of Finance (6012B0315)</td>
<td>Finance 2 (6012B0457)</td>
</tr>
<tr>
<td>Ondernemingsrecht (6012B0245)</td>
<td>Ondernemings- en jaarrekeningrecht (6013B0533)</td>
</tr>
<tr>
<td>Vermogensrecht (6012B0263)</td>
<td>Vermogensrecht (6012B0531)</td>
</tr>
</tbody>
</table>

### Article 8.3 Publication

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

### Article 8.4 Effective date

Section B of these Regulations will come into force as of 1 September 2019

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operations Research (OC-AEO), date: 16 May 2019

Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019

Adopted by the Dean of the Faculty of Economics and Business on 12 June 2019
Appendix I: Rules and Guidelines of the Examinations Board 2019-2020

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 (Section 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.

Article 1 Applicability

Article 1.1 – Applicability of the regulations

Rules and Guidelines as described in Section 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 the degree programme has started.

- Bachelor of Science Actuariële Wetenschappen
- Bachelor of Science Business Administration
- Bachelor of Science Econometrie en Operationele Research
- Bachelor of Science Economics & Business Economics
- Bachelor of Science Economie en Bedrijfswetenschappen
- Bachelor of Science Fiscale Economie
- Master of Science Accountancy & Control
- Master of Science Actuarial Science and Mathematical Finance
- Master of Science Business Administration
- Master of Science Business Economics
- Master of Science Econometrics
- Master of Science Economics
- Master of Science in Finance
- Master of Science Fiscale Economie

Executive Education (NVAO accredited & not subsidised by the government):
- Master of Business Administration
- Master of Science in International Finance
- Master of Science Bedrijfswetenschappen, part-time / Executive Programme in Management Studies
- Master of Science Executive Master of Finance and Control
- Master of Science Executive Programme Actuarial Science and Mathematical Finance
- Master of Science Verzekeringswetenschappen
- Executive Master of Science of Internal Auditing (EMIA)

Professional programmes:
- Postmaster Actuarial Practice Cycle (APC)
- Amsterdam-IT Audit Programme (AITAP)
- Postmaster Accountancy (PMA)

Pre-Master’s programmes:
- Pre-Master’s Fiscale Economie
- Pre-Master’s MSc Accountancy & Control
- Pre-Master’s MSc Business administration
Appendix I: Rules and Guidelines of the Examinations Board 2019-2020

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. The chair appoints another member to replace him/her 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 by law. 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. Meetings are not public.
2. The Dean can appoint an official secretary to the Examinations Board in order to support the work of the Board.
3. A request or complaint involving a member of the Examinations Board should be handled in the absence of the member involved.
4. In any case, a request is accompanied by a reason for the request.
5. After receiving a petition, the Examinations Board takes a decision within six weeks. Petitions can only be submitted to the Examinations Board using the digital petitions form. The Examinations Board communicates its decision by email.
**Article 3 Examiners**

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

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

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

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

**Article 3.2 Appointment of thesis examiners**
For thesis supervision at least one of the two assessors must be appointed as the thesis examiner. The Examinations Board will apply the following criteria when appointing the thesis examiner:

- the examiner should be employed by the UvA;
- the examiner should hold a PhD.

A thesis examiner is appointed for three years, after which they may be re-appointed. Following the submission of a reasoned request by the Programme Director, the Examinations Board is permitted to deviate from the criteria outlined above.

**Article 3.3 – Signing authority**
The examiner is authorised to sign exam lists and mark amendments for the course for which he/she have been appointed as examiner. The examiner is also authorised to advise regarding exemptions and recommendations relating to components passed at a different Dutch or foreign university.

A thesis examiner is authorised to sign for the marks and mark amendments for theses.

**Article 3.4 – 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, as laid down in article 4.7 of this regulation. 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 of the FEB provide for rules concerning admissions, notice and perusal of written examinations. This article provides for more detailed regulations in relation to written 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 at the same time as the registration for the course in question opens.
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 of the same programme as far as possible.
4. Established dates and times will only be changed in a case of force majeure affecting the faculty.
Article 4.2 – Registration for examinations
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 and/or having participated in the exam.

Article 4.3 – 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 4.4 - Marks
Courses that are passed at a foreign university will not be shown as a mark 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 electives.

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. For assessing the Bachelor’s and Master’s an assessment form will be used.

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. Students must be supervised by a supervisor throughout the entire examination. If toilet visits are permitted, at least two supervisors must be present, preferably a man and a woman.
2. During the examination, it is not permitted to use the toilet for examinations of two hours or less, unless the main surveyor gives permission for this. In that case, the student must follow the instructions of the main course instructor. During toilet visits it is not allowed to speak and the student may not be in possession of unauthorised aids.
3. During the examination, there should be at least one expert present or reachable by phone who is able to answer discipline-related and exam-technical questions in the area of the examination being held.
4. Should a number of invigilators be present at the examination, one chief invigilator is appointed to take final responsibility.
5. It is obligatory for a student, when required to do so by an examiner or invigilator, to show proof of identity by a valid UvA student ID card and another valid form of ID. If the student is unable to produce proof of identity, they may be denied entry to the examination.
6. 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.

7. 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. Students must remain seated for the entire examination, unless a supervisor decides otherwise.

8. Students should have only a pen and a ruler on their table and, in case of a multiple choice exam, a pencil and an eraser, 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.

9. 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.

10. Reference works must not contain annotations.

11. If students fail to comply with the rules on aids as referred to in Article 4.7, this will be regarded as fraud and sanctions may be imposed on the basis of the 'Fraud and Plagiarism Regulations Students' University of Amsterdam.

12. The instructions that are provided by the Examinations Board or the examiner or (chief)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 or the examiner from further participation in the examination concerned or it may be decided to declare his or her examination invalid.

13. Observed irregularities will be reported in writing by the examiner or chief invigilator to the Examinations Board.

14. The name of the student and his student ID card number should be included on every answer sheet that is handed in.

15. Every student who has received the examination from the (chief) invigilator is obliged to hand in the work that he has done.

16. The exam questions, the scrap paper and all other papers handed out during the examination must be handed in to the invigilator at the end of the examination, unless the chief invigilator determines otherwise. In that case the students should obey the instructions of the chief invigilator.

17. Answers to multiple choice questions should not be published on Canvas before the examination results have been registered in SIS.

Article 4.8 – Extra provisions for students with a disability

1. Students with dyslexia or another mental or physical disability may be eligible for extra examination time; namely, a half-hour extension to the exam time for examinations lasting longer than 1.5 hours, and a fifteen-minute extension for examinations lasting 1.5 hours or less, and/or other provisions. In order to be eligible for additional examination time and/or other provisions due to disability, the following conditions need to be satisfied:
   a. Students should be in possession of a declaration from the student dean stating that the student has the right to additional exam time and/or other provision(s).
   b. Registration for extra exam time and/or other provisions should be carried out in conformity with the instructions on the A-Z website for students under ‘Disability’.
   c. Registration 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’.
   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 4.9 – 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 afstudeerun hoger onderwijs’);
   h. activities in individual cases of general benefit to society or in the interest of the university, to be determined by the Dean with due regard to the guidelines established by the Executive Board.
   i. championship sport status: the student has been granted official UvA status as a high-level athlete by the Dean and can show that his sports schedule has led to a study delay.

Article 4.10 – Fraud and Plagiarism
If the student acts in way that is in conflict with the ‘Fraud and Plagiarism Regulations governing students of the UvA’ or with the prescriptions provided in Article 4.7 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 curriculum is put to the Examinations Board for assessment or in which the student satisfies the graduation requirements.
2. If it is no longer possible to complete a curriculum as a result of the disappearance of courses, the Examinations Board will decide how the curriculum should be completed.

Article 5.2 – The granting of degree certificates
Once the student has requested the degree certificate in accordance with the procedure and the time limits indicated on the website, the Examinations Board undertakes to check the graduation requirements, set an examination date and grant the degree certificate. For programmes that fall into the category Executive Education or professional training, a diploma or certificate will be issued automatically when the last results have been obtained.
To request a degree certificate a valid registration for the degree course in question at the UvA is required.
The degree certificate must be collected by the student in person or by an authorised person, unless the student is invited for a graduation ceremony by the Education Desk. The dates for graduation ceremonies are published annually on the student website.
The examination date is the last working day of the month in which the student requests the degree certificate. For students in Executive Education or professional training, the examination date is the last working day of the month in which the last result was obtained.

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;
Appendix I: Rules and Guidelines of the Examinations Board 2019-2020

b. the course was passed during the period in which the student was enrolled for a degree programme at Economics and Business Administration;
c. the level of the course is at least that of a second-year Bachelor’s course. It is permitted to deviate from this requirement with a maximum of 12 ECTS. In this case, the level of the course should be at least that of a first-year Bachelor’s course;
d. there is no overlap between the course and other courses within the student’s programme;
e. a minor programme may 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’ can be awarded.

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Bachelor’s students who commenced their degree programme prior to 01-09-2017 can be exempted from courses totalling a maximum of 90 ECTS. However, the following exceptions apply for these students:
   • Students who have a completed Bachelor’s in Economics and Business Administration cannot request an exemption for the minors or the optional subjects of the Bachelor’s in Fiscal Economics.
   • Students who have a completed Bachelor’s in Fiscal Economics cannot request an exemption for the minors or optional subjects of the Bachelor’s in Economics and Business Administration.
   • Students who have a completed Bachelor’s in Econometrics and Operations 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 Operations Research.
   • Students who are following both the Bachelor’s in Econometrics & Operations 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 & Operations Research or for the electives within the degree programme in Actuarial Science.
   • Students who are following both the Bachelor’s in Economics and Business Administration and the Bachelor’s in Fiscal Economics can only request an exemption for courses that are compulsory for both degree programmes. It is not possible to request an exemption for electives within the degree programme in Economics and Business Administration or for the electives within the degree programme in Fiscal Economics.
Article 7 Retention periods
Paper versions of Bachelor’s theses or Bachelor’s graduation projects and Master’s theses will be retained for at least seven years. Digital versions will be retained indefinitely. Examination problems and computations, including projects and other written materials for which a mark or interim mark has been given and examination results, as well as Bachelor’s theses or Bachelor’s projects and Master’s theses, certificates and certificate supplements, will be retained in accordance with the time periods set out in the *Archiving Guide for Programming Administrations*.

Article 8 Annual report
Before 1 December, the Examinations Board produces a report on its activities over the preceding academic year. The Examinations Board sends the annual report to the Dean. The annual report is public.

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

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

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

Article 12 Applicability of regulations
These regulations enter into force on 1 September 2019.

Adopted on 19-06-2019 by the Examinations Board for the degree programmes stated in Article 1.1 of these regulations.
Appendix II: Minor programmes 2019-2020 UvA EB

Econometrics

1. Minor Econometrics and Mathematical Economics

Curriculum
The curriculum of the minor Econometrics and Mathematical Economics consists of four compulsory courses with a study load of 24 EC. You supplement these with one restricted-choice elective. The minor can be finished within one semester. These compulsory courses are:
- Econometrics 1 (6012B0374, 6 EC, period 4)
- Mathematical Economics 1 (6012B0375, 6 EC, period 4)
- Econometrics 2 (6012B0378, 6 EC, period 5)
- Time Series Analyses (6012B0382, 6 EC, period 5)

Restricted-choice elective (choose one)*
- Mathematical Economics 2 (6012B0381, 6 EC, period 4)
- Empirical Project (6012B076, 6 EC, period 6)

* Students are advised to choose Mathematical Economics 2.

Entry requirements
- Open to students who are enrolled in a Bachelor’s programme in Mathematics. In some cases students from an equivalent science programme at research university level can also be admitted.
- To be admitted to the minor, students should have completed the first year of university and have to meet the following three requirements:
  1. At least 10 EC of courses on probability and statistics at a BSc Mathematics level. From these 10 EC, at least 5 EC has to be on second or third year level;
  2. At least 5 EC on linear algebra;
  3. At least 15 EC on courses in mathematical analysis/calculus.
- No prior knowledge on Economics is necessary.
- Open to UvA EB students: no

Transitional arrangements:
Students who have started the minor before 1 September 2019 can choose between Mathematical Economics 2 or Empirical Project, though we advise Mathematical Economics 2.

Actuarial Science

2. Minor Actuarial Science

Curriculum
The minor can be taken as a 30 or a 60 EC programme. For both options you have follow these compulsory course:
- Life Insurance Mathematics 6012B0350Y (6 EC, period 1)
- Probability Theory and Statistics 3 6012B0371Y (6 EC, period 2)*
* if you have already taken this course on an equivalent, you may substitute it with one of the other mandatory electives.

You supplement these courses with either 18 EC or 48 EC in restrictive-choice electives.

- Mathematical and Empirical Finance 6012B0287 (6 EC, period 1)
- Optimization 6012B0379 (6 EC, period 3)
- Econometrics 1 6012B0374 (6 EC, period 4)
- Financial Accounting in Life Insurance 6012B052 (6 EC, period 4)
- Research Seminar Actuarial Science and Mathematical Finance (6012B0369) (6 EC, period 4)
- Econometrics 2 (6012B0378, 6 EC, period 5)
- Risk Theory (6012B0351, 6 EC, period 5)
- Stochastic Models in Life Insurance (6012B0353, 6 EC, period 5)

**Entry requirements**

- This Minor is only open for students with sufficient background in statistics and mathematics. It is intended for Bachelor’s students in Econometrics, Mathematics, Physics, Information Science or a Bachelor’s programme of a Technical University.
- You need to have successfully completed your first-year (60 EC).
- No prior knowledge in Economics is necessary.
- Open for UvA EB students: No

**Transitional arrangements:**

Students who have started the minor before 1 September 2019 finish the minor according to the minor programme of 2018-2019. Due to changes in the minor programme of academic year 2019-2020 academic year these students are allowed (not obliged) to make the following changes to their programme:

- Econometrics 2 as elective (in place of Operations Research 2)
- Probability Theory and Statistics 3 as elective (strongly recommended).

**Business Administration**

**3. Minor Sustainability and Economics**

**Curriculum**

This new minor programme is a collaboration with the Institute of Interdisciplinary Studies (IIS), the College of Social Science (CSS) and the College of Economics and Business (CEB). 30 EC and has to be completed in one semester. It includes the following courses:

- Circular Economy 5512CIEC6Y, (IIS, 6 EC period 1)
- Cities and Change 7303S2060Y, (CSS, 6 EC period 1)
- Degrowth 5512DEGR6Y, (IIS, 6 EC period 1, 2 and 3)
- Environmental Economics 6013B0528Y, (CEB, 6 EC period 2)
- Public Policy and Governance 73210022FY, (CSS, 6 EC period 2)

**Entry requirements**

- Successful completion of the first year of a research university Bachelor’s programme (WO) or University of Applied Sciences programme (HBO) is required for participation in this minor. No prior knowledge in Economics or Politics is required.
- This minor is not open to students who have already completed one of the courses as part of their Bachelor’s programme.
- Open for UvA EB students: yes, provided they have not taken Environmental Economics as an elective
4. Minor Recht en fiscaliteit voor ondernemingen

Curriculum
30 EC and is offered in one semester.

- Vermogensrecht (6013B0531, 6 EC, blok 1)
- Inleiding Belastingheffing Algemeen (6012B0225, 6 EC, blok 1)
- Ondernemings- en Jaarrekeningenrecht (6013B0533, 6 EC, blok 2)
- Inleiding Belastingheffing Ondernemingen (6012B0226, 6 EC, blok 2)
- Administratieve Organisatie (6013B0532, 6 EC, blok 3)

Entry requirements
This minor is only open for students who have successfully completed their first-year programme (60 EC) of the UvA Bachelor's programme Economics and Business Economics or Business Administration.

5. Minor Entrepreneurship

Curriculum
30 EC and has to be completed in one semester. It includes the following courses:

- Cases in Entrepreneurship (6013B0537, 6 EC, period 1)
- Entrepreneurship in Practice (6013B0538, 18 EC, period 1, 2 and 3)
- Startup Psychology for Entrepreneurs (6013B0503, 6 EC, period 2)

This minor starts with an off-campus ‘start-up camp’ guided by industry experts. Extra costs are applicable to this start-up camp.

Entry requirements
- This minor is open for students who have successfully completed their first-year programme (60 EC) of a university Bachelor's programme.
- Students from a University of Applied Sciences (HBO) who finished their first-year programme (60 EC) can also be admitted.
- No other prior knowledge is required.
- Open to UvA EB students: yes
- Maximum amount of spots: 120 students on a first come first serve base.

6. Minor Amsterdam Data Science and Artificial Intelligence

Curriculum
30 EC and has to be completed in one semester. It includes the following courses:

- Algorithms and Data Structures in Python 6012B0414 (6 EC, period 1)*
- Data Wrangling 6012B0417 (6 EC, period 1)
- Databases & Data Visualisation 6012B0415 (6 EC, period 2)
- Machine Learning 6012B0419 (6 EC, period 2)
- Privacy Law and Ethics 6012B0431 (3 EC, period 3)
- Text Retrieval and Mining 6012B0416 (3 EC, period 3)
*Students from the Bachelor’s programme Informatiekunde of the UvA can replace this course with Zoekmachines (5082ZOEK6Y, period 1).

**Entry requirements**
- You must have successfully completed your first year (60 EC) of a Bachelor’s programme at a research university (WO). Students taking this minor typically follow a Bachelor’s programme in: Actuarial Sciences, Business, Communication Sciences, Econometrics, Economics, Psychology or STEM studies (Science, Technology, Engineering, Mathematics). The minor is also open to other students, provided they have an affinity with quantitative methods.
- Open to UvA EB students: yes
- Maximum amount of spots: 75 students on a first come first serve base.

**Required prior knowledge**
The minor Amsterdam Data Science and Artificial Intelligence is for many a difficult programme. You are required to have basic knowledge of Python and Statistics. Self-study before starting the minor will be required in case of deficiencies in:
- Python
- Econometrics and Statistics

**Transitional arrangements:**
Students who have started the minor before 1 September 2019 and did not pass Law and Ethics (6012B0412, 3 EC) should take Privacy Law and Ethics (6012B0431, 3EC).

7. **Minor Business Administration: Designing Effective Organisations**

**Curriculum**
This minor consists of 30 EC and can be finished in one semester. There are two compulsory courses (12 EC). This is supplemented with three electives (18 EC).

Compulsory courses (12 EC)
- Human Resource Management 6013B0521 (6 EC, period 1)
- Strategic Management 6012B0430 (6 EC, period 2)

Restricted-choice electives (18 EC, choose three)
- Digital Innovation and Entrepreneurship 6013B0524 (6 EC, period 1)
- Management Accounting 1 for Business 6012B0421 (6 EC, period 1)
- Corporate Social Responsibility 6013B0525 (6 EC, period 2)
- Information and Data Management 6012B0426 (6 EC, period 4)
- Organisational Behaviour 6011P0215 (6 EC, period 4)
- Business Operations and Processes 6011P0221 (6 EC, period 5)

**Entry requirements**
- This minor is open for students who have successfully completed their first-year programme (60 EC) of a university Bachelor’s programme.
- Students from a University of Applied Sciences (HBO) who finished their first-year programme (60 EC) can also be admitted.
- Open to UvA EB: no

**Transitional arrangements:** not applicable

Students who have started the minor before 1 September 2019 finish the minor according to the minor programme of 2018-2019.
8. Minor Business Administration: Managing Strategy and Marketing

Curriculum
This minor consists of 30 EC and can be finished in one semester. There are two compulsory courses (12 EC). This is supplemented with three electives (18 EC).

Compulsory courses (12 EC)
- Marketing 6012B0420 (6 EC, period 1)
- Strategic Management 6012B0430 (6 EC, period 2)

Restricted-choice electives (18 EC, choose three)
- Cultural Industries 6013B0502 (6 EC, period 1)
- Retail Marketing 6013B0529 (6 EC, period 1)*
- Digital Innovation and Entrepreneurship 6013B0524 (6 EC, period 1)
- Corporate Social Responsibility 6013B0525 (6 EC, period 2)

* Marketing is an entry requirement for Retail Marketing. As an exception, students within this minor can take both at the same time.

Entry requirements
- This minor is open for students who have successfully completed their first-year programme (60 EC) of a university Bachelor's programme.
- Students from a University of Applied Sciences (HBO) who finished their first-year programme (60 EC) can also be admitted.
- Open to UvA EB students: no

Transitional arrangements
Students who have started the minor before 1 September 2019 finish the minor according to the minor programme of 2018-2019. Due to changes in the minor programme of academic year 19-20 these students are allowed (not obliged) to make the following changes to their programme:
- Strategic Management (6012B0430, period 2) instead of Strategy and Organisation (6011P0203, period 1)
- Digital Innovation and Entrepreneurship (6013B0524) as elective

9. Minor Business Administration: Transition Minor

Curriculum
This minor consists of 30 EC and can be finished in one semester. There are only compulsory courses.
- Academic Project 6012S0010 (5 EC, period 1)
- Management Research Methods 1 for Business Administration 6012S0044 (5 EC, period 1)
- Marketing Management 6012S0014 (5 EC, period 1)
- Leadership and Management 6012S0015 (5 EC, period 2)
- Management Research Methods 2 for Business Administration 6012S0049 (5 EC, period 2)
- Strategy and Organisation 6012S0017 (5 EC, period 2)

Entry requirements
- This minor is open for students who have successfully completed their first-year programme (60 EC) of a related university Bachelor's programme.
- Students from a University of Applied Sciences (HBO) who finished their first-year programme (60 EC) can also be admitted.
- Open to UvA EB: No
- Maximum amount of spots: 50 students
Transitional arrangements
Students who have already started the minor before 1 September 2019 must finish the programme according to the minor programme of 2018-2019. They are allowed (not obliged) to make the following changes to their programme:

- Strategic Management (6012B0430, period 2) instead of Strategy and Organisation (6011P0203, period 1)
- Strategy and Change (6013B0507, period 4) instead of Strategy and Organisation (6012B0257, period 4)

Economics

10. Economics: Transition Minor

Curriculum
You need at least one academic year to complete this minor and the programme consists of 60 EC. There are compulsory courses that cover a wide range of topics in general economics (48 EC) and electives that allow for more specialised knowledge in the desired field (12 EC).

Compulsory courses (48 EC)

- Principles of Economics 6012B0303 (6 EC, period 1)
- Mathematics 1 for Economics 6011P0236 (6 EC, period 1)
- Statistics 2 for Economics 6012B0451 (6 EC, period 1)
- Econometrics 6012B0453 (6 EC, period 2)
- Microeconomics 2 6012B0462 (6 EC, period 4)
- Mathematics 2 for Economics 6012B0461 (6 EC, period 4)
- Macroeconomics 2 6012B0463 (6 EC, period 5)
- Game Theory 6012B0460 (6 EC, period 5)

Restricted-choice electives (12 EC, choose two)

- International Money & Finance 6012B0452 (6 EC, period 2)
- International Trade and Investment 6013B0465 (6 EC, period 2)
- Development Economics 6013B0467 (6 EC, period 4)
- Labour Economics 6013B0468 (6 EC, period 4)
- History of Economic Thought 6013B0468 (6 EC, period 5)
- Industrial Organisation 6013B0462 (6 EC, period 5)

Transitional arrangements
Students who have already started the minor before 1 September 2019 must finish the programme according to the minor programme of 2018-2019. Due to changes in the minor programme of academic year 19-20 these students are allowed (not obliged) to make the following changes to their programme:

- History of Economic Thought (6013B0468) as elective
- Industrial Organisation (6013B0462) as elective

Entry requirements

- You must have successfully completed your first year (60 EC) of a Bachelor’s programme at a research university (WO).
11. Minor Microeconomics: Markets and Organisations

Curriculum
This minor consists of 30 EC spread over two semesters. There are four compulsory courses which cover a wide range of topics in microeconomics (24 EC). This is supplemented with one elective that gives you the possibility to gain more knowledge of a particular subject (6 EC).

Compulsory courses (24 EC)
- Principles of Economics 6012B0303 (6 EC, period 1)
- Mathematics 1 for Economics 6011P0236 (6 EC, period 1)
- Microeconomics 2 6012B046 (6 EC, period 4)
- Game Theory 6012B0460 (6 EC, period 5)

Restricted-choice electives (6 EC, choose one)
- International Trade and Investment 6013B0465 (6 EC, period 2)
- Organisational Economics 6013B0461 (6 EC, period 4)
- Economics of Markets and Organisations 6011P0248 (6 EC, period 5)
- Industrial Organisation 6013B0462 (6 EC, period 5)

Transitional arrangements
Students who have already started the minor before 1 September 2019 must finish the programme according to the minor programme of 2018-2019. Due to changes in the minor programme of academic year 19-20 these students are allowed (not obliged) to make the following changes to their programme:
- History of Economic Thought (6013B0468) as elective
- Industrial Organisation (6013B0462) as elective

Entry requirements
- The minor is open to students who have successfully completed their first-year (60 EC) of a research university (WO) Bachelor's programme
- Students from a University of Applied Sciences (HBO) who passed their first-year programme (60 EC) can also be admitted.
- Open for UvA EB: Yes for students Bachelor’s programme in Actuarial Science and Bachelor’s programme in Econometrics on the condition that the minor does not overlap with their own programme.

Required prior knowledge
- No prior knowledge in the field of economics is required
- Students are expected to possess sufficient quantitative skills
- Mathematics at pre-University level (VWO) A or B is required.

12. Minor Macroeconomics: International and Monetary Economics

Curriculum
This minor consists of 30 EC spread over two semesters. There are four compulsory courses which cover a wide range of topics in macroeconomics (24 EC). This is supplemented with one elective that gives you the possibility to gain more knowledge of a particular subject (6 EC).
Compulsory courses (24 EC)
- Principles of Economics (6012B0303, 6 EC, period 1)
- Mathematics 1 for Economics (6011P0236, 6 EC, period 1)
- International Trade and Investment (6013B0465, 6 EC, period 2)
- Macroeconomics 2 (6012B0463, 6 EC, period 5)

Restricted-choice electives (6 EC, choose one)
- Money and Banking (6012B0450, 6 EC, period 1)
- International Money and Finance (6012B0452, 6 EC, period 2)
- Development Economics (6013B0467, 6 EC, period 4)
- History of Economic Thought (6013B0469, 6 EC, period 5)

Transitional arrangements
Students who have already started the minor before 1 September 2019 must finish the programme according to the minor programme of 2018-2019. Due to changes in the minor programme of academic year 19-20 these students are allowed (not obliged) to make the following changes to their programme:
- *International Trade and Investment* (6013B0465, 6 EC, period 5) instead of *Money and Banking* (6012B0450)

Entry requirements
- The minor is open to students who have successfully completed their first-year (60 EC) of a research university (WO) Bachelor's programme
- Students from a University of Applied Sciences (HBO) who passed their first-year programme (60 EC) can also be admitted.
- Open for UvA EB: Yes for students Bachelor’s programme in Actuarial Science and Bachelor’s programme in Econometrics on the condition that the minor does not overlap with their own programme.

Required prior knowledge
- No prior knowledge in the field of economics is required
- Students are expected to possess sufficient quantitative skills
- No prior knowledge in the field of mathematics is required, but students are strongly advised to prepare well if they have doubts about their mathematical skills