University of Amsterdam
Economics and Business

Teaching and Examination Regulations (OER)
2018-2019

Master’s Degree Programmes

Accountancy and Control
Actuarial Science and Mathematical Finance
Business Economics
Business Administration
Econometrics
Economics
Finance
Fiscal Economics

and

Rules and Guidelines of the Examinations Board
2018-2019
Section A: Faculty section

1. General provisions
   1.1 Applicability of the Regulations
   1.2 Definitions
2. Previous education and admission
   2.1 Previous education
   2.2 Registration and enrolment
   2.3 Faculty Admissions Board
   2.4 Admissions procedure
   2.5 Refusal or termination of enrolment (unsuitability/iudicium abeundi)
3. Degree programme structure
   3.1 Structure of academic year
   3.2 Programme structure
4. Examinations
   4.1 Signing up for examinations
   4.2 Type of examination
   4.3 Oral examinations
   4.4 Determining and announcing results
   4.5 Opportunities to sit examinations
   4.6 Marks
   4.7 Exemption
   4.8 Validity period for results
   4.9 Right of inspection
   4.10 Post-examination discussion
   4.11 Master’s final examination
   4.12 Degree certificate and transcript
   4.13 Fraud and plagiarism
5. Study supervision and study progress
   5.1 Administration of study progress and academic student counselling
   5.2 Adaptations for students with a disability
6. Hardship clause
   7.1 Hardship clause
7. Transitional and final provisions
   8.1 Amendments to and periodic review of Section A
   8.2 Transitional provisions
Part B: Programme-specific Section ........................................10

B1 Programme-specific Section MSc Accountancy and Control .............10
1. General provisions ........................................................................10
2. Programme content .......................................................................10
3. Admission ....................................................................................12
4. Curriculum ....................................................................................13
5. Transition and final provisions ......................................................15

B2 Master’s Programme in Actuarial Science and Mathematical Finance ....16
1. General provisions ........................................................................16
2. Programme content .......................................................................16
3. Admission ....................................................................................17
4. Curriculum ....................................................................................18
5. Transition and final provisions ......................................................22

B3 Master’s programme in Business Economics .................................23
B3.1 Business Economics - programme 1 ........................................23
1. General provisions ........................................................................23
2. Programme content .......................................................................23
3. Admission ....................................................................................25
4. Curriculum ....................................................................................26
5. Transition and final provisions ......................................................30

B3.2 Business Economics - programme 2 ........................................30
1. General provisions ........................................................................31
2. Programme content .......................................................................31
3. Admission ....................................................................................32
4. Curriculum ....................................................................................33
5. Transition and final provisions ......................................................38

B4 Master’s programme in Business Administration ..........................40
1. General provisions ........................................................................40
2. Programme content .......................................................................40
3. Admission ....................................................................................41
4. Curriculum ....................................................................................42
5. Transition and final provisions ......................................................47

B5 Master’s programme in Econometrics ..........................................49
1. General provisions ........................................................................49
2. Programme content .......................................................................49
3. Admission ....................................................................................50
### Contents

4. Curriculum ........................................................................................................................................ 51
5. Transition and final provisions ........................................................................................................ 55

B6 Master’s programme in Economics ................................................................................................. 58
1. General provisions .......................................................................................................................... 58
2. Programme content ......................................................................................................................... 58
3. Admission ......................................................................................................................................... 59
4. Curriculum ......................................................................................................................................... 60
5. Transition and final provisions ........................................................................................................ 60

B7 Master’s programme in Finance ........................................................................................................ 64
1. General provisions .......................................................................................................................... 64
2. Programme content ......................................................................................................................... 64
3. Admission ......................................................................................................................................... 65
4. Curriculum ......................................................................................................................................... 66
5. Transition and final provisions ........................................................................................................ 72

B8 Master’s programme in Fiscal Economics ......................................................................................... 73
1. General provisions .......................................................................................................................... 73
2. Programme content ......................................................................................................................... 73
3. Admission ......................................................................................................................................... 74
4. Curriculum ......................................................................................................................................... 75
5. Transition and final provisions ........................................................................................................ 76

Appendix I: Pre-Master’s programmes ............................................................................................... 78
1. MSc Fiscale Economie pre-Master’s programmes .......................................................................... 78
2. MSc Accountancy & Control pre-Master’s programme ................................................................. 82
3. Pre-Master’s programme MSc Business Administration (fulltime) ............................................. 85

Appendix II ........................................................................................................................................... 87
Appendix III ........................................................................................................................................... 88
Appendix IV: Rules and Guidelines of the Examinations Board 2018-2019 ........................................... 89

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**These Teaching and Examination Regulations are based on the model-OER d.d. 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.
Section A: Faculty section

1. General provisions

Article 1.1 Applicability of the Regulations
1. These regulations apply to the teaching and examinations for the Master’s degree programmes (hereinafter referred to as: the degree programme) that are provided by the Faculty of Economics and Business (hereinafter referred to as: ‘the Faculty’ or the ‘FEB’) of the University of Amsterdam.
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 Master’s degree programmes of the Faculty 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 Master’s programme;
c. fraud and plagiarism: the 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 study programme (a degree programme, a major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible and for which a single joint degree certificate is issued;
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 fieldwork or an excursion;
   • taking part in practical computer training;
   • 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;
Teaching and Examination Regulations Master’s degree programmes of Economics and Business 2018-2019
Section A: Faculty section

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 catalogue of the degree programme, which contains a detailed specification of the programme-specific provisions and other programme-specific information: The course catalogue is available electronically at www.coursecatalogue.uva.nl;
l. workload: the workload of the unit of study to which an interim examination applies, expressed in terms of credits = ECTS credits (ECTS = European Credit and Transfer Accumulation System). (The workload for 1 year (1,680 hours) is 60 ECTS credits);
m. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;
n. examination (tentamen): an assessment of the student’s knowledge, understanding and skills relating to a course component. The assessment is expressed in terms of a final mark. An examination can consist of one or more interim examinations. A resit always covers the same material as the original examination;
o. Admissions Board: the committee that assesses, on behalf of the Dean, whether a candidate meets the requirements for admission to the Master’s degree programme of his or her choice;
p. University: the University of Amsterdam;
q. WHW: the Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek).

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

2. Previous education and admission

Article 2.1 Previous education
1. In order to qualify for enrolment in a Master’s degree programme, a Bachelor’s degree obtained in academic higher education (WO) is required. The requirements that the Bachelor’s degree must meet are specified in Section B.
2. In the event that a candidate does not have a Bachelor’s degree as referred to in paragraph 1, the Admissions Board of the degree programme will assess suitability for admission to the programme on the basis of the requirements stipulated in Section B.
3. In order to qualify for enrolment in a Master’s degree programme for teaching in pre-university education, the individual concerned must have been awarded the Master’s degree in the relevant subject area, pursuant to Section 7.10a of the WHW.

Article 2.2 Registration and enrolment
1. The deadline for registering for the Master’s programme is stipulated in Article 3.4 (Section B). Students are required to enrol via the online application system Embark. The application is completed when all required documents are submitted via the online application system before the deadline.
2. After registering on time, the student must enrol before 1 September or, if applicable, before 1 February.
Article 2.3 Faculty Admissions Board
The Dean will establish one or more Admissions Boards. The Dean will appoint its members after consultation with the programme directors of the relevant degree programmes.

Article 2.4 Admissions procedure
1. The Admissions Board is responsible for admission to the programme.
2. With a view to admitting students to the programme, the Admissions Board assesses the candidate’s knowledge, understanding and skills. The Board may request experts within or outside the University to test certain types of knowledge, understanding and skills, in order to supplement written evidence of the programme/programmes the student has already completed. In its assessment, the Board includes knowledge of the language in which the programme will be taught.
3. Candidates receive either confirmation of admission or a negative decision. An appeal against a negative decision can be lodged with the Examination Appeals Board within six weeks.

Article 2.5 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 will 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. Every 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
1. The programme comprises the units of study included in Section B.
2. The size of the degree programme in ECTS is stipulated in Section B.
3. The size of the units of study in ECTS is stipulated in Section B.
4. The programme is made up of a compulsory part and an individual Master’s thesis and, if applicable, a programme-specific optional component as specified in more detail in the programme-specific section.
5. If the student wishes to choose a different unit of study than those stipulated in Section B as part of his or her electives, prior permission is required from the Examinations Board.

4. 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 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 student.uva.nl/ecb/vakaanmelden.
3. Students can sign up for a maximum of 42 ECTS credits per semester. This maximum applies for each Master’s degree programme for which the student is registered.

4. Participation in units of study may be conditional on:
   - the successful completion of certain other units. These conditions are listed in the overview of units of study in Article 4.9. Participation in units of study is only possible if the student meets the entry requirement(s) no later than the third week of the course in question.
   - Attending lectures and classes. These conditions are mentioned in 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 student.uva.nl/ecb/vakaannmelden.

5. Students who do not attend a course for which they are registered will receive the result NA (‘non-attendance’) for the course in question.

6. Rules concerning admission to units of study with limited capacity can be included in Section B.

7. Students who are enrolled in a Master’s degree programme may not take part in final or interim examinations of Bachelor’s degree programmes.

**Article 4.2 Type of examination**

1. Section B 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 course catalogue. If applicable, more detailed regulations on this are included in the Rules and Guidelines for the Examinations Board.

3. In the case of a unit of study that is no longer offered, a transitional arrangement will be included in Section B.

4. At least 60% of the final grade of a unit of study should be based on individual examinations. For assessed components of a unit of study, including interim examinations, assignments and final examinations, a minimum score may be set for completing the course successfully. The mark of the final examination for every course must always be at least 5.0 (maximum of 5.5) before the scores have been rounded off (see the course catalogue for the minimum scores for each course). If a course only consists of centrally organised exams, the minimum of 5.0 for the final examination applies without a maximum of 5.5.

5. A bonus may not exceed 0.5 points and will only be awarded if the final mark without bonus is at least 5.50 or higher.

6. The procedures and guidelines for marking and awarding results in interim and other examinations are described in the Rules and Guidelines for the Examinations Board as laid down in Section 7.12, paragraph 4 of the WHW.

7. Students who participate in a study trip which has been approved by the director of the Graduate School of Economics/Graduate School of Business are entitled to alternative options for meeting attendance requirements during the period of the study trip. However, this does not hold for interim examinations, final examinations or resits.

8. For any course with written interim examinations, students are entitled to receive representative examination examples including answers. The examples must be representative in terms of length, type of questions and content.

**Article 4.3 Oral examinations**

1. Unless otherwise specified for the relevant unit of study in Section B, no more than one student will be examined orally at the same time.

2. An oral examination is public unless the Examinations Board or examiner determines otherwise in an exceptional case. A student may submit a reasoned request to the Examinations Board to depart from the public nature of the oral examination. The Examinations Board will balance the interests of the student against the interests of a public examination.

3. An oral examination will be taken in the presence of a second examiner.
4. The examiners make a report of the oral examination in which the questions are briefly summarised. An audio recording may take the place of a written report. The student can, on request, inspect the report.

**Article 4.4 Determining and announcing results**

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

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

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

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

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

6. Results of written interim examinations must be announced within the terms that are mentioned in paragraph 1 via Canvas 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 in the 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.
- 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 the student’s taking the same course twice.

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, barring the courses of block 6.

5. If a student takes the same course twice within a year, all interim 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 for these interim examinations will be disregarded. During a resit, 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 digital UvA Course Catalogue should clearly state the grading policy.
Article 4.6 Marks
1. Final marks are given on a scale from 1 to 10. Only whole or half marks (.0 or .5), with the exception of the grade 5.5, may be awarded. This provision does not apply to grades of midterms.
2. The final assessment of a course is considered to be a pass if a mark of 6.0 or higher is obtained.
3. The mark of the final assessment of a course is always rounded to the nearest half grade. Grades from (and including) 4.75 to (excluding) 5.5 will be rounded up to 5. Grades from (and including) 5.5 to (and excluding) 6.25 will be rounded up to 6.
4. Should the degree classification or result for a particular course not be expressed as a mark, then the result will be ‘all requirements met’ (AVV) or ‘unsatisfactory’ (ONV).
5. Students who do not attend an examination for which they are signed up will receive the result NA: ‘niet aanwezig’ (‘not present’).

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 Master’s degree 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. This exemption does not apply to the Master’s thesis. This exemption likewise does not apply to compulsory courses of the curriculum, when the replacing course is passed during the regular registration at the FEB.
3. The Examinations Board will make a decision within twenty working days of receiving the request.
4. The maximum extent of the exemptions from meeting the requirements of the Master’s final examination is stated in Article 4.7 of Section B.

Article 4.8 Validity period for results
1. Passed Master’s courses have a guaranteed validity period of three years. The Examinations Board will extend the validity period of passed courses as long as the courses are still part of the curriculum and their substance has not changed.
2. The validity period of all types of interim examination is limited to the academic year in which it was sat or, if the course is offered twice a year, until the end of the course concerned, as stipulated for the relevant units of study in Section B.

Article 4.9 Right of inspection
1. Within twenty-five working days after the date upon which a written examination was held, the student can, on request, inspect his or her assessed work and the questions and assignments set, as well as the standards applied for marking.
2. The examiner can determine that the inspection or post-examination discussion referred to in paragraph 1 take place at a specified place and at a specified time. The place and time referred to in the previous sentence will be announced at the time of the examination or on the course’s Canvas page and/or the Faculty website. There must be at least ten working days between this announcement and the time of the inspection.
3. If the student was unable to attend at the place and time due to personal circumstances referred to in article 4.12 of the Rules and Guidelines (Appendix IV) or course attendance, an alternative option will be offered.
4. If a student intends to appeal against the way in which his or her mark was assessed, he or she can be issued with a copy of the marked work at his or her request.
5. During the inspection as mentioned in paragraph 1, students may also inspect their interim examinations. Furthermore, an opportunity will be offered to receive interim (collective) feedback on interim examinations before the final examination for the course in question is held.
Article 4.10 Post-examination discussion
1. If a collective post-examination discussion has been organised, individual post-examination discussions will be held only if the student has attended the collective discussion or if he or she was unable to attend the collective discussion due to personal circumstances (including course attendance).
2. Students who meet the requirements stipulated in paragraph 1 can submit a request for an individual post-examination discussion to the relevant examiner. The discussion will take place at a time and location to be determined by the examiner.

Article 4.11 Master’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.
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 their Master’s examination will be awarded a Master of Science degree. The degree awarded is stated on the diploma.
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 IV).

Article 4.12 Degree certificate and transcript
1. The Examinations Board grants a degree certificate as proof that the student has passed his or her final examination. The Executive Board sets the model for the degree certificate. The Examinations Board adds a supplement to the degree certificate providing information on the nature and content of the degree programme completed. The supplement is drawn up in Dutch or English and complies with the European format.
2. Individuals who have successfully completed at least one examination 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 dates on which the examinations were taken.

Article 4.13 Fraud and plagiarism
1. The provisions of the UvA Regulations governing Fraud and Plagiarism for UvA Students apply in full.
2. Electronic detection programs can be used to identify plagiarism in texts. Upon handing in the text, the student gives implicit permission for the inclusion of the text in the database of the relevant detection program.

5. Study supervision and study progress

Article 5.1 Administration of study progress and academic student counselling
1. The Dean is responsible for the correct registration of the students’ study results in SIS. Each student that is enrolled, is entitled to inspect the results of an examination component after the assessment of that component has been registered via SIS, which also provides students with an overview of the results achieved.
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 initiate contact the study advisers.
Article 5.2 Adaptations for students with a disability
1. A student with a functional disability may be eligible for special arrangements with regard to teaching, practical training and examinations, if the student has a statement from a Student Counsellor. This recommendation is partly based on a recent statement of a doctor 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 paragraph 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.

6. Teaching Evaluation

Article 7.1 Teaching Evaluation
Teaching evaluation is conducted as described in the FEB Education Quality Assurance Manual published on the UvA website: A-Z > Quality Assurance of Education.

7. Hardship clause

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

8. Transitional and final provisions

Article 8.1 Amendments to and periodic review of Section A
1. Any amendment to Section A of the Teaching and Examination Regulations will be adopted by the Dean after taking advice from the relevant 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 can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 8.2 Transitional provisions
1. The Examinations Board shall propose a transitional arrangement, with due regard for the provisions in the WHW regarding examinations and examination components, for students who, on the date when these Regulations come into force, have passed one or more but not all of the examination components and whose interests are damaged by these Regulations where they deviate from those in older versions.
2. Programme-specific transitional provisions are listed in article 5.2 of every Section B.
Article 8.3 Publication
1. The Dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the Faculty website and deemed to be included in the course catalogue.

Artikel 8.4 Inwerkingtreding
This regulation comes into force as of 1 September 2018

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
Part B: Programme-specific Section
B1 Programme-specific Section MSc Accountancy and Control

1. General provisions

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

Article 1.2 Programme characteristics
1a. The MSc Accountancy and Control CROHO number 60900 is offered full-time and part-time in English.
1b. The part-time programme has a nominal study period of 1.5 years.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this part.

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September. Students may also enrol on 1 February, but in that case the study programme cannot be fully completed within one year and the workload will not be spread evenly throughout the Academic year.

2. Programme content

Article 2.1 Aim of the programme
Objective
The programme is aimed at developing an academic level of professional and intellectual ability in the field of Accountancy and Control. Students will acquire knowledge of the scientific literature in the field of Accountancy and Control and receive training in the methods and skills to apply this knowledge. Students are therefore trained for professions that apply this knowledge at an academic level.

The programme provides knowledge and insights into both national and international Accountancy and Control issues. The focus is on generating and evaluating (financial) information for stakeholders that are external and internal to an organisation, using this information in managing and controlling an organisation, and assuring the quality of this information. Upon completion of the programme, the graduate is able to analyse issues in Accountancy and Control based on theoretical concepts, to critically evaluate solutions proposed for addressing problems in theory and practice, and to develop alternative solutions grounded in theory and the state-of-the-art academic literature. Detailed knowledge at a high academic level is combined with practical examples and applications. Thus, students learn both how to generate information (e.g., calculating performance measures following under different accounting standards), and why organisations choose a specific way of generating this information.

Specialisation Accountancy:
The Accountancy specialisation deepens and expands graduates’ knowledge of how technology and international regulations shape financial information, and their understanding of the role of accounting from the perspective of auditors, managers, and investors. The graduate acquires detailed knowledge of financial reporting standards; auditing and assurance; management control; accountability and corporate governance processes; accounting information systems and internal control processes; and acquires the ability to critically evaluate and discuss this research based on academic research in financial accounting.
Specialisation Control:  
The Control specialisation deepens and expands graduates’ knowledge of how organisations translate their strategy into financial plans and investment decisions, and their understanding of how technology, economics and psychology influence financial decision making. The graduate acquires detailed knowledge of financial reporting standards; the goals, uses and techniques for quantitative decision making in organisations; corporate financial management; management control; accountability and corporate governance processes; accounting information systems and internal control processes; and acquires the ability to critically evaluate and discuss this research based on academic research in management accounting and control.

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

1. Knowledge-related exit qualifications  
After successfully completing the programme, students have the following knowledge (depending on their chosen specialisation):

Common part:
K1. knowledge of management control: using financial and non-financial information for decision making and control;
K2. knowledge of financial reporting: the use of financial information in reporting on organisational performance, and the role accounting standards play in this process;
K3. knowledge of accountability and corporate governance processes: the impact of social and political processes on organisations’ accounting choices, as well as the role of ethics, professionalism, and codes of conduct;
K4. knowledge of accounting information systems and internal control processes: ensuring the quality of internal information and the role of information technology in this process, as well as the use of internal information in risk management;
K5. knowledge of the international aspects of both control and accounting

Specialisation Accountancy:
K6. knowledge of various financial reporting standards;
K7. knowledge of the way in which external auditors can verify the reliability of financial- and non-financial reporting;
K8. knowledge of empirical research in financial accounting, and the ability to critically evaluate and discuss this research.

Specialisation Control:
K9. knowledge of the goals, uses and techniques of quantitative decision making in organisations;
K10. knowledge of corporate financial management decisions;
K11. knowledge of empirical research in management accounting, and the ability to critically evaluate and discuss this research.

2. Skills-related exit qualifications:
S1. the ability to conduct research with an abstract, academic character, including the formulation of a hypothesis and the seeking out of the necessary sources;
S2. the ability to report clearly and concisely, both orally and in writing, about research at an academic level;
S3. the ability to analyse issues from the field within the chosen specialisation and to creatively solve associated problems.
3. Attitude-related exit qualifications:
A1. a multidisciplinary attitude;
A2. the ability both to function independently and to cooperate constructively within an international team;
A3. an understanding of the social and international context within which accounting is practised.

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a. Financial accounting
   b. Management accounting
   c. Finance
   d. Corporate Law
   e. Qualitative and quantitative research methods including mathematical methods
      Additionally, knowledge of internal control systems and auditing will be highly beneficial.
2. Applications are assessed by the Admissions Board.
3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
   c. grade point average
   d. GMAT / GRE score
4. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
Pre-Master education is included in Appendix I of this document.

Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the FEB Admission Office by the following dates before the start of the academic year:
   a. 1 April for EU-students with a non Dutch diploma and for students from non-EU countries;
   b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement
1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
   b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
   c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
a. TOEFL-IBT  
   i. Overall Score: 92 Points  
   ii. Reading, Listening, Speaking, Writing: 20 points each  
b. IELTS (Academic version)  
   i. Overall Score: 6.5 Points  
   ii. Reading, Listening, Speaking, Writing: 6.0 points each  
c. Cambridge English: First  
   i. Grade A  
d. Cambridge English: Advanced  
   i. Grade C  
e. Cambridge English: Proficiency  
   i. Grade C

4. Curriculum

Article 4.1 Components  
1. The programme consists of  
   a. compulsory courses  
   b. track-specific courses  
   c. thesis

Article 4.2 Curriculum  
Master’s programme in Accountancy and Control – specialisation Accountancy

<table>
<thead>
<tr>
<th>First semester</th>
<th></th>
<th>Second semester</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td><strong>Period 2</strong></td>
<td><strong>Period 3</strong></td>
<td><strong>Period 4</strong></td>
</tr>
<tr>
<td>Management Control (5 EC)</td>
<td>Sustainability, Accountability and Ethics (5 EC)</td>
<td></td>
<td>Assurance (5 EC)</td>
</tr>
<tr>
<td>Research Seminar Accountancy &amp; Control (5 EC)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Master’s programme in Accountancy and Control – specialisation Control

<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>IFRS 1 (5 EC)</td>
<td>Management Control Research (5 EC)</td>
<td>Accounting Information Systems (5 EC)</td>
<td>Internal Control &amp; Risk Management (5 EC)</td>
<td>Management Accounting (5 EC)</td>
<td>Master’s Thesis Accountancy &amp; Control (15 EC)</td>
</tr>
<tr>
<td>Management Control (5 EC)</td>
<td>Sustainability, Accountability and Ethics (5 EC)</td>
<td></td>
<td>Corporate Financial Management (5 EC)</td>
<td>Master’s Thesis Accounting &amp; Control</td>
<td></td>
</tr>
<tr>
<td>Research Seminar Accountancy &amp; Control (5 EC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Course list***
The following course list is also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0330</td>
<td>Master’s Thesis Accountancy &amp; Control (15 EC)</td>
<td>1+2+3</td>
<td>Research Seminar A&amp;C (6314M0041)</td>
</tr>
<tr>
<td>6314M0258</td>
<td>Accounting Information Systems (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0036</td>
<td>Assurance (5 EC)</td>
<td>4</td>
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</tr>
<tr>
<td>6314M0035</td>
<td>Corporate Financial Management (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0038</td>
<td>Financial Accounting Research (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0030</td>
<td>IFRS 1 (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0031</td>
<td>IFRS 2 (5 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0259</td>
<td>Internal Control &amp; Risk Management (5 EC)</td>
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<td></td>
</tr>
<tr>
<td>6314M0034</td>
<td>Management Accounting (5 EC)</td>
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<td></td>
</tr>
<tr>
<td>6314M0032</td>
<td>Management Control (5 EC)</td>
<td>1</td>
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</tr>
<tr>
<td>6314M0033</td>
<td>Management Control Research (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0041</td>
<td>Research Seminar Accountancy &amp; Control (5 EC)</td>
<td>1+2</td>
<td></td>
</tr>
<tr>
<td>6314M0037</td>
<td>Sustainability, Accountability and Ethics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0271</td>
<td>Master internship Accountancy &amp; Control (15 EC)</td>
<td>See article 4.3 Practical training</td>
<td></td>
</tr>
</tbody>
</table>

* All courses of the MSc Accountancy and Control require enrolment for this Master’s programme at the UvA.

**Article 4.3 Practical training**
Students who are registered for the MSc Accountancy and Control and who have finished 45 EC of their curriculum may do an internship for 15 EC. The internship must be completed within 6 months after the nominal timeframe for graduation. The procedure and learning objectives of the internship are described in the Course Catalogue. Special conditions apply for non-EU students. It is a student’s responsibility to find an internship.

**Article 4.4 Electives**
Electives are not part of this master’s programme.
Article 4.5 Component enrolment requirements
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

Article 4.6 Participation requirements
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions
It is not possible to obtain credits through exemptions.

Article 4.8 Validity period of examinations
See article 4.8 of Part A.

Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Amendments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
There are no transition arrangements for 2018-2019.

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018

Advice and consent from the Programme Committees, Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
B2 Master’s Programme in Actuarial Science and Mathematical Finance

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Actuarial Science and Mathematical Finance CROHO number 66411 is offered full-time in English.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this Part.

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September. Students may also enrol on 1 February, but in that case the study programme cannot be fully completed within one year, or the workload will not be spread evenly throughout the Academic year.

2. Programme content

Article 2.1 Aim of the programme

Objective
The programme is aimed at developing an academic level of intellectual and professional ability. Students develop a thorough knowledge and understanding of the academic literature in the Actuarial Science & Mathematical Finance domain, and are trained in the methods and skills to apply this knowledge. They are hence educated for professions requiring academic levels of Actuarial Science & Mathematical Finance knowledge.

Actuarial Science & Mathematical Finance: General
This specialisation provides an academic foundation for an analysis of the financial translation, redistribution and settlement of risk processes and savings processes in the financial system of a society. Students must also be able to apply methods and techniques to: (1) translate risks into a well-grounded and usable overview of cash flows based on statistics; (2) translate this overview into a deterministic or stochastic time-dependent cash flow model of reality to enable more effective risk management with fewer uncertainties.

Actuarial Science & Mathematical Finance: Quantitative Risk Management
This specialisation is identical to the general specialisation except that it requires two additional compulsory courses instead of electives, aiming at a broader quantitative risk management expertise.

MSc Actuarial Science & Mathematical Finance graduates will have the ability to constantly and consistently test the assumptions used in their models against the outcomes realised. In addition to this academic basis, they will also be able to maintain adequate interaction between theory and professional practice. Although orientation towards an actuarial or quantitative risk management career is important, the emphasis is on academic education. For suitable candidates this study programme also provides an excellent grounding for a subsequent PhD programme.

Article 2.2 Exit qualifications
There are three categories of exit qualifications:
1. Knowledge
2. Skills
3. Attitude
1. Knowledge-related exit qualifications
The programme offers knowledge and insight into both the national and international situation and opinions and discipline related global issues and trends. 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 and to develop by himself alternative solutions for which a sound basis exists. As regards substantive knowledge, a level is required which makes the student a specialist in the field, or part of it. Detailed knowledge at a high academic level is combined with practical examples and applications.

After successfully completing the programme, students will have acquired the following knowledge:

K1. extensive knowledge of a number of the following fields of application in actuarial science: the actuarial theory of life insurance, the actuarial theory of non-life insurance, and the actuarial theory of pension funds, and also in the field of Risk Management: asset-liability management and risk management of shares, derivatives and bond portfolios;

K2. specialised knowledge of at least one of the fields listed under K1.

K3. an understanding of the applicability, scope and limits of actuarial methods in practical settings.

2. Skills-related exit qualifications:

S1. the ability to conduct independent research, which includes being able to formulate a hypothesis and a plan outlining the approach to and the execution of the research;

S2. the ability to translate a problem from practice into a problem definition that can be analysed using methods from the field of actuarial sciences and mathematical finance and to translate the results of these analyses back to the practical setting;

S3. the ability to quickly familiarise oneself with a field outside the chosen specialisation;

S4. the ability to keep abreast of new developments in their field;

S5. the ability to collaborate in an international environment.

3. Attitude-related exit qualifications:

A1. a research-oriented attitude;

A2. a quantitative and analytical approach to problems in financial or insurance practice;

A3. a multidisciplinary attitude; actuaries deal directly with experts from different fields in the course of their work, including econometrists, statisticians, auditors, economists, tax specialists, jurists, demographers, medical staff, technicians and risk managers;

A4. the ability both to function independently and to cooperate constructively within a team;

A5. understanding of the social context in which the profession of actuary is performed and the social role of policy recommendations based on actuarial analyses (both in government and in business).

A6. appreciate the importance of culture and context in decision-making.

3. Admission

Article 3.1 Admission criteria

1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a. probability and mathematical statistics (as in a mathematics degree)
   b. linear algebra and calculus or analysis (as in a mathematics degree)
   c. Preferably some econometrics, actuarial science and finance

2. Applications are assessed by the Admissions Board. Students holding a Bachelor's degree in Actuarial Sciences of the University of Amsterdam are unconditionally eligible to the programme.

3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
a. motivation, as evidenced by a motivation letter;
b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
c. grade point average
d. GMAT / GRE score

4. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
This article of the model OER is not applicable.

Article 3.3 Limited programme capacity
This article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office by the following dates before the start of the academic year:
a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement
1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
   a. TOEFL-IBT
      i. Overall Score: 92 Points
      ii. Reading, Listening, Speaking, Writing: 20 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English: First
      i. Grade A
d. Cambridge English: Advanced
      i. Grade C
e. Cambridge English: Proficiency
      i. Grade C

4. Curriculum

Article 4.1 Components
1. The programme consists of
   a. compulsory courses
   b. track-specific courses
c. thesis
d. elective courses

**Article 4.2 Curriculum**
The Master’s Programme in Actuarial Science and Mathematical Finance offers two specialisations:
1. Actuarial Science and Mathematical Finance: General; and

The general specialisation of the Master’s Programme in Actuarial Science and Mathematical Finance includes four compulsory courses (24 EC), a Master’s thesis (15 EC) and electives (21 EC):

<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>
</tbody>
</table>

The specialisation Quantitative Risk Management of the Master’s Programme in Actuarial Science and Mathematical Finance is identical to the general specialisation except that it requires two additional compulsory courses instead of electives. Thus, it includes six compulsory courses (36 EC), a Master’s thesis (15 EC) and electives (9 EC):

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

Recommended electives are included in the digital UvA Course Catalogue 2018-2019.
In consultation with the Programme Director and subject to the approval of the Examinations Board courses from other study programmes may also be included as an elective.
The course *Verzekerings- en Pensioenrecht* is restricted to the Dutch situation and taught in Dutch. Having completed either the course *Verzekerings- en Pensioenrecht* (6414M0215) or the bachelors course *Verzekerings- en Pensioenrecht* (6012B0328), in addition to either the course *Actuarial Science of Pensions* (6414M0216) or the bachelors course *Pensioen Actuariaat* (6012B0298), and the course *Caput Financing of Pensions* (6414M0217), is a prerequisite for entering the postmaster programme to get recognized by the Dutch Royal Actuarial Society as an Actuary AG.

**Course list**
The following curriculum is also included in the digital UvA Course Catalogue 2018-2019.

### Actuarial Science and Mathematical Finance - general specialisation*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory courses</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0279</td>
<td>Master's Thesis Actuarial Science and Mathematical Finance: General (15 EC)</td>
<td>1-2</td>
<td>20 EC completed of the Master’s programme</td>
</tr>
<tr>
<td>6414M0214</td>
<td>Asset Liability Management – Cases (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6414M0211</td>
<td>Financial Mathematics for Insurance (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0213</td>
<td>Non-Life Insurance: Statistical Techniques (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0212</td>
<td>Risk Management for Insurers and Pensions (6 EC)</td>
<td>1</td>
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</tr>
<tr>
<td><strong>Electives</strong></td>
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<td></td>
</tr>
<tr>
<td>6414M0216</td>
<td>Actuarial Science of Pensions (6 EC)**</td>
<td>2</td>
<td>Enrolment MSc Finance or MSc Business Economis specialisation Finance / Real Estate Finance or MSc Actuarial Science and Mathematical Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
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<tr>
<td>6414M0206</td>
<td>Caput Actuarial Science (3 EC)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6414M0217</td>
<td>Caput Financing of Pensions (6 EC)</td>
<td>4</td>
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<tr>
<td>6414M0219</td>
<td>Machine Learning for Econometrics (5 EC)</td>
<td>2</td>
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<tr>
<td>6414M0220</td>
<td>Quantitative Marketing (5 EC)</td>
<td>4+5</td>
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<tr>
<td>6414M0218</td>
<td>Caput Insurance (6 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0013</td>
<td>Stochastic Calculus (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6414M0215</td>
<td>Verzekerings- en Pensioenrecht*** (6 EC, taught in Dutch)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

*All courses of the MSc Actuarial Science and Mathematical Finance require enrolment for the Master’s programmes Actuarial Science and Mathematical Finance or Econometrics at the UvA. Otherwise external students need approval of the Programme director.

** The elective course *Actuarial Science of Pensions* (6414M0216) cannot be included in the programme if the course *Pensioen Actuariaat* (6012B0298) was part of the Bachelor’s programme.

*** The elective course *Verzekerings- en Pensioenrecht* (6414M0215) cannot be included in the programme if the course *Verzekerings- en Pensioenrecht* (6012B0328) was part of the bachelors programme.
Actuarial Science and Mathematical Finance - specialisation Quantitative Risk Management*:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0280</td>
<td>Master's Thesis Actuarial Science and Mathematical Finance: Quantitative Risk Management (15 EC)</td>
<td>1-3</td>
<td>20 EC completed of the Master's programme</td>
</tr>
<tr>
<td>6414M0214</td>
<td>Asset Liability Management – Cases (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6414M0007</td>
<td>Financial Econometrics (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0211</td>
<td>Financial Mathematics for Insurance (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0213</td>
<td>Non-Life Insurance: Statistical Techniques (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0212</td>
<td>Risk Management for Insurers and Pensions (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0271</td>
<td>Banking Risk Management (7 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0206</td>
<td>Caput Actuarial Science (3 EC)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
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</tr>
<tr>
<td>6414M0217</td>
<td>Caput Financing of Pensions (6 EC)</td>
<td>4</td>
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<tr>
<td>6414M0220</td>
<td>Quantitative Marketing (5 EC)</td>
<td>4+5</td>
<td></td>
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<tr>
<td>6414M0218</td>
<td>Caput Insurance (6 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0013</td>
<td>Stochastic Calculus (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
</tbody>
</table>

* All courses of the MSc Actuarial Science and Mathematical Finance require enrolment for the Master’s programmes Actuarial Science and Mathematical Finance or Econometrics at the UvA. Otherwise external students need approval of the Programme director.

**Article 4.3 Practical training**
This article of the model OER is not applicable.

**Article 4.4 Electives**
Courses listed in the course list in Article 4.2 that are not part of the compulsory curriculum may be included in the study programme as an elective. Entry requirements or capacity restrictions may apply.

**Article 4.5 Component enrolment requirements**
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

**Article 4.6 Participation requirements**
See the Course Catalogue for attendance rules per course.
Article 4.7 Exemptions
A maximum of 18 credits in the Master’s curriculum may be accumulated through granted exemptions.

Article 4.8 Validity period of examinations
See article 4.8 of Part A.

Article 4.9 Degree
Students who have successfully completed their Master’s examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master’s programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
There are no transition arrangements for 2018-2019.

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018

Advice and consent from the Programme Committees, Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
B3 Master’s programme in Business Economics

Please note that the Master’s programme in Business Economics consists of two programmes in academic year 2018-2019. Which programme to follow depends on the academic year in which the student started the programme.

Programme 1 - Business Economics (for students who start in academic year 2016-2017 or later)

The new style Business Economics programme is a continuation and an expansion of a part of the former Business Economics programme. This programme can only be followed by students who are admitted for the programme in academic year 2016-2017 or later.

Programme 2 - Business Economics (for students who started in academic year 2015-2016 or earlier)

This programme can only be continued by students who started the Master Business Economics programme in academic year 2015-2016 or earlier. As long as their examinations are still valid these students are allowed to graduate in this Master’s programme, at the latest on 31-8-2019.

B3.1 Business Economics - programme 1

The new style Business Economics programme is a continuation and an expansion of a part of the former Business Economics programme. This programme can only be followed by students who are admitted for the programme in academic year 2016-2017 or later.

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Business Economics CROHO number 60901 is offered full-time in English.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this Part.

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September. Entry on 1 February is not allowed.

2. Programme content

Article 2.1 Aim of the 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 business economics and receive training in the methods and skills required to apply this knowledge. Students are therefore trained for professions that apply this knowledge at an academic level. Economics is the study of processes and institutions in relation to the use and distribution of scarce, alternatively applicable resources. Business economics focuses on the performance of businesses, both internally and within their context of operation. All graduates must specialise in one or more fields of business economics. The
knowledge-related exit qualifications are therefore differentiated in part based on the specialisation chosen by the student.

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

1. Knowledge-related exit qualifications
The programme provides academic skills, as well as knowledge of and insight into business economic issues and discipline related global issues and trends. Accordingly, graduates are equipped to analyse economic issues from a range of perspectives (social, societal, economic, ethical), are able to be critical about existing theoretical and practical solutions, and are able to develop their own views based on well-motivated reasoning. Detailed knowledge at a high academic level (acquired from leading journals) is combined with empirical research and applications. After successfully completing the programme, students will have knowledge of one of the following graduation specialisations in the field of business economics:

Specialisation Managerial Economics and Strategy:
K1. knowledge of important strategic issues in relation to the environment of organisations,
K2. knowledge of optimal performance assessments and reward systems within organisations;
K3. knowledge of the organisational architecture, in particular the distribution of responsibilities and tasks,
K4. knowledge of the relationship between (particularly financial and labour) markets and the internal organisational architecture,
K5. knowledge of important insights from behavioral and experimental economics with applications to organisations.

Specialisation Competition Law and Economics:
K6. knowledge of potential and limitations of competitive processes
K7. knowledge of business strategies in a competitive environment
K8. knowledge of threats to competition from anticompetitive behavior and abuses of dominance
K9. knowledge of competition laws and land mark competition policy cases
K10. knowledge of industrial organization theory
K11. knowledge of applied econometric techniques in market analysis
K12. knowledge of the limitations of government interventions in competition control

Specialisation Neuroeconomics:
K13. Knowledge of the potential and limitations of Neuroeconomics (and neuromarketing);
K14. Knowledge of the functional neuroanatomy of the brain;
K15. Knowledge of the cognitive and emotional processes that support decision-making in social and economic contexts;
K16. Knowledge of the potential and limitations of neuroscientific and behavioral methods used in the subfields of Neuroeconomics;
K17. Knowledge of important insights from Neuroeconomics and their potential applications in Psychology and Psychiatry;
K18. Knowledge of important insights from Behavioral and Experimental Economics with applications to Neuroeconomics.

2. Skills-related exit qualifications:
S1. the ability to conduct research with an abstract, academic character, including the ability to formulate testable hypotheses and the ability to find relevant resources;
S2. the ability to report clearly and concisely, both orally and in writing, about research at an academic level;
S3. the ability to analyse key issues from the field within the chosen specialisations;
S4. and the ability to creatively resolve associated problems.
S5. the ability to collaborate in an international environment.

3. Attitude-related exit qualifications:
A1. the ability to recognize economic aspects and challenges in everyday business practices and use economic concepts to address those;
A2. the ability to function independently and cooperate constructively within a team;
A3. an understanding of the social context within which economics is practised.
A4. appreciate the importance of culture and context in decision-making;
A5. a research oriented attitude.

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:

For the specialisation Managerial Economics and Strategy:
a. Microeconomics and/or Industrial Organisation and/or Corporate Finance.
b. Statistics and Econometrics
   Additionally, knowledge of mathematics, game theory and organization economics or managerial economics will be highly beneficial.

For the specialisation Competition Law and Economics:
a. Microeconomics and/or Industrial Organisation and/or Corporate Finance and/or another degree with a strong quantitative background.
b. Statistics and Econometrics.

For the specialisation Neuroeconomics:
a. Econometrics or Statistics
b. At least one of the following courses (or their equivalent): Microeconomics, Behavioural Economics, Game Theory, Introductory Psychology, Cognitive Neuroscience, Affective Neuroscience.

2. Applications are assessed by the Admissions Board.
3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
   c. grade point average
d. GMAT / GRE score
4. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
This Article of the model OER is not applicable.
Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement
1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
a. TOEFL-IBT
   i. Overall Score: 92 Points
   ii. Reading, Listening, Speaking, Writing: 20 points each
b. IELTS (Academic version)
   i. Overall Score: 6.5 Points
   ii. Reading, Listening, Speaking, Writing: 6.0 points each
c. Cambridge English: First
   i. Grade A
d. Cambridge English: Advanced
   i. Grade C
e. Cambridge English: Proficiency
   i. Grade C

4. Curriculum

Article 4.1 Components
1. The programme consists of
   a. compulsory courses
   b. track-specific courses
   c. electives
   d. thesis
# Teaching and Examination Regulations Master’s degree programmes of Economics and Business 2018-2019

B3 Master’s Programme in Business Economics

## Article 4.2 Curriculum

**Master’s programme in Business Economics – specialisation Managerial Economics and Strategy**

<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>Managerial Economics (5 EC)</td>
<td>Markets and Organisations (5 EC)</td>
</tr>
<tr>
<td>Games and Strategy (5 EC)</td>
<td>Behavioural Economics (5 EC)</td>
</tr>
<tr>
<td>Applied Econometrics (5 EC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Period 3</strong></td>
</tr>
<tr>
<td></td>
<td>Experimental Economics (5 EC)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Period 4</strong></td>
<td><strong>Period 5</strong></td>
</tr>
<tr>
<td></td>
<td>Power and authority (5 EC)</td>
</tr>
<tr>
<td></td>
<td>Master’s Thesis Managerial Economics and Strategy (15 EC)</td>
</tr>
<tr>
<td></td>
<td><strong>Period 6</strong></td>
</tr>
<tr>
<td></td>
<td>Restricted Elective (5 EC)</td>
</tr>
<tr>
<td></td>
<td>Research Seminar Managerial Economics and Strategy (5 EC)</td>
</tr>
</tbody>
</table>

**Master’s programme in Business Economics – specialisation Competition Law and Economics**

<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>Games and Strategy (5 EC)</td>
<td>Restricted Elective</td>
</tr>
<tr>
<td>European Competition Law (10 EC)*</td>
<td>Empirical Market Analysis (5 EC)</td>
</tr>
<tr>
<td>Applied Econometrics (5 EC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Period 3</strong></td>
</tr>
<tr>
<td></td>
<td>Competition Policy (5 EC)</td>
</tr>
<tr>
<td></td>
<td>Master's Thesis Competition Law and Economics (15 EC)</td>
</tr>
<tr>
<td></td>
<td><strong>Period 4</strong></td>
</tr>
<tr>
<td></td>
<td>Applied Industrial Organisation (5 EC)</td>
</tr>
<tr>
<td></td>
<td><strong>Period 5</strong></td>
</tr>
<tr>
<td></td>
<td>Research Seminar Competition Law and Economics (5 EC)</td>
</tr>
<tr>
<td></td>
<td><strong>Period 6</strong></td>
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<td></td>
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</tr>
</tbody>
</table>

* This course is provided by the Faculty of Law (Faculteit der Rechtsgeleerdheid or FdR). Enrolment for lectures as well as for interim and other examinations for this course is in accordance with FdR regulations.

**Master’s programme in Business Economics – specialisation Neuroeconomics**

<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>Brain Organisation and Cognition for Behavioural Scientists (5 EC)</td>
<td>Introduction to Matlab Programming for Neuroscientists (5 EC)*</td>
</tr>
<tr>
<td>Games and Strategy (5 EC)</td>
<td>Behavioural Economics (5 EC)</td>
</tr>
<tr>
<td>Applied Econometrics (5 EC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Period 3</strong></td>
</tr>
<tr>
<td></td>
<td>Experimental Economics (5 EC)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Period 4</strong></td>
<td><strong>Period 5</strong></td>
</tr>
<tr>
<td></td>
<td>Neuroeconomics (5 EC)</td>
</tr>
<tr>
<td></td>
<td>Master’s Thesis Neuroeconomics (15 EC)</td>
</tr>
<tr>
<td></td>
<td><strong>Period 6</strong></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research Seminar Neuroeconomics (5 EC)</td>
</tr>
</tbody>
</table>
List of compulsory courses*

The following course lists are also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory courses for the specialisation Managerial Economics and Strategy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1+2</td>
<td>MSc Registration and Registration Master's thesis Managerial Economics and Strategy.</td>
</tr>
<tr>
<td>6414M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0261</td>
<td>Managerial Economics (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0153</td>
<td>Markets and Organizations (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0310</td>
<td>Games and Strategy (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0155</td>
<td>Power and Authority in Organisations (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0263</td>
<td>Research Seminar Managerial Economics and Strategy (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6314M0264</td>
<td>Master’s Thesis Managerial Economics and Strategy (15 EC)</td>
<td>1+2</td>
<td>MSc Registration, Applied Econometrics + at least one of: Managerial Economics or Strategy or Markets and Organizations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory courses for the specialisation Competition Law and Economics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1+2</td>
<td>MSc Registration and Registration Master's thesis Competition Law and Economics.</td>
</tr>
<tr>
<td>6314M0323</td>
<td>Applied Industrial Organisation (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0151</td>
<td>Competition Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>3554COQ0G</td>
<td>European Competition Law (10 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0153</td>
<td>Empirical Market Analysis (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0310</td>
<td>Games and Strategy (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0275</td>
<td>Research Seminar Competition Law and Economics (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6314M0276</td>
<td>Master’s Thesis Competition Law and Economics (15 EC)</td>
<td>1+2</td>
<td>MSc Registration, Applied Econometrics + at least one of: Competition policy or Strategy or restricted elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory courses for the specialisation Neuroeconomics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1 + 2</td>
<td></td>
</tr>
<tr>
<td>6414M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0311</td>
<td>Brain Organisation and Cognition for Behavioural Scientists (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0310</td>
<td>Games and Strategy (5 EC)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

** Students have to register for the course European Competition Law with the course code 3574CO24G (12 EC), the grade will be registered with course code 3554COQ0G (10 EC). The workload of the course for students of MSc Business Economics is adjusted in according with the amount of EC’s.
Article 4.3 Practical training
Students of the MSc Business Economics cannot obtain credits for an internship.

Article 4.4 Electives
1. Students can take electives from the following list, with all courses 5 EC unless otherwise specified

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0231</td>
<td>Performance Management (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0151</td>
<td>Competition Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation (5 EC)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

For the specialisation Managerial Economics and Strategy there is a restricted list of electives:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0153</td>
<td>Markets and Organisations (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation (5 EC)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

2. Courses listed in the course list in Article 4.2 which are not part of the compulsory curriculum may also be included in the study programme as an elective. Entry requirements or capacity restrictions may apply.

Article 4.5 Component enrolment requirements
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

Article 4.6 Participation requirements
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions
A maximum of 12 credits in the Master’s curriculum may be accumulated through granted exemptions.

Article 4.8 Validity period of examinations
See article 4.8 of Part A.

Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.
5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
The course Applied Industrial Organisation (6314M0323) is no longer part of the specialisation Managerial Economics & Strategy. This restricted elective will be replaced by the course Competition Policy (6414M0151). Students that already passed this course before 01 September 2018, can still include this course as an elective in the mentioned specialisation.

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Industrial Organisation (6314M0323)</td>
<td>Competition Policy (6414M0151)</td>
</tr>
</tbody>
</table>

The course Strategy (6314M0262) is renamed to Games and Strategy (6414M0310). Students who started before 01 September 2018 and who did not yet pass the old course, must follow the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy (6314M0262)</td>
<td>Games and Strategy (6414M0310)</td>
</tr>
</tbody>
</table>

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

B3.2 Business Economics - programme 2
This programme can only be continued by students who started the Master Business Economics programme in academic year 2015-2016 or earlier. As long as their examinations are still valid these students are allowed to graduate in this Master’s programme, at the latest on 31-8-2019.

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Business Economics CROHO number 60901 is offered full-time in English.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this Part.

Article 1.3 Enrolment
The programme will not take in any new students; only students from previous years can continue the programme in the coming academic year 2018-2019.

2. Programme content

Article 2.1 Aim of the 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 business economics and receive training in the methods and skills required to apply this knowledge. Students are therefore trained for professions that apply this knowledge at an academic level. Economics is the study of processes and institutions in relation to the use and distribution of scarce, alternatively applicable resources. Business economics focuses on the performance of businesses, both internally and within their context of operation. All graduates must specialise in one or more fields of business economics. The knowledge-related exit qualifications are therefore differentiated in part based on the specialisation chosen by the student.

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

1. Knowledge-related exit qualifications
The programme provides knowledge of and insight into business-economic issues. Insight into issues means that the graduate is able to analyse these based on theoretical concepts of economics, and is also able to be critical with respect to solutions chosen for problems in theory and practice and to develop alternative and well-founded solutions. As regards substantive knowledge, a level is required which makes the student a specialist in the field, or part of it. Detailed knowledge at a high academic level is combined with practical examples and applications. After successfully completing the programme, students will have knowledge of one of the following graduation specialisations in the field of business economics, or a combination of these specialisations:

Specialisation Finance:
K1. knowledge of price-making processes in and functioning of financial markets;
K2. knowledge of the role of financial intermediaries;
K3. knowledge of investment analysis;
K4. knowledge of valuation and corporate finance;
K5. substantive knowledge in four out of the following subfields in Finance: behavioral finance, commercial banking, corporate governance, derivatives, fixed income and risk management, international financial economics, investment theory financial regulation, and real estate portfolio management

Specialisation Managerial Economics and Strategy:
K6. knowledge of important strategic issues in relation to the environment of organisations, K7. knowledge of optimal performance assessments and reward systems within organisations; K8. knowledge of the organisational architecture, in particular the distribution of responsibilities and tasks, K9. knowledge of the relationship between (particularly financial and labour) markets and the internal organisational architecture, K10. knowledge of important insights from behavioral and experimental economics with applications to organisations.

Specialisation Real Estate Finance:
K11. knowledge of real estate markets in particular knowledge from the fields of asset pricing, corporate finance, investment theory, economics and urban economics in order to analyse real estate markets; K12. knowledge of price-making processes and real-estate valuation; K13. knowledge of price-making processes in financial markets, and of market structures, particularly in relation to real-estate investments.

2. Skills-related exit qualifications:
S1. the ability to conduct research with an abstract, academic character, including the formulation of a hypothesis and the seeking out of the necessary sources; S2. the ability to report clearly and concisely, both orally and in writing, about research at an academic level; S3. the ability to analyse key issues from the field within the chosen specialisations; S4. and to creatively resolve associated problems.

3. Attitude-related exit qualifications:
A1. the ability to recognize the economics aspects in everyday business practices and use economic concepts to address them; A2. the ability both to function independently and to cooperate constructively within a team; A3. an understanding of the social context within which economics is practised. A4. a research oriented attitude

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:

For the specialisations Finance and Real Estate Finance:
Additionally, knowledge of accounting, macro-economics and micro-economics will be highly beneficial.

For the specialisation Managerial Economics and Strategy:
a. Microeconomics and/or Industrial Organisation and/or Corporate Finance.
b. Statistics and/or Econometrics
   Additionally, knowledge of mathematics, game theory and organization economics or managerial economics will be highly beneficial.

2. Applications are assessed by the Admissions Board.
3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
   c. grade point average
   d. GMAT / GRE score
4. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
This Article of the model OER is not applicable.

Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
   a. 1 April EU-students with a non-Dutch diploma and for students from non-EU countries;
   b. 1 June for students with a Dutch diploma.

This programme can only be continued by students who started the Master Business Economics programme in academic year 2015-2016 or earlier. As long as their examinations are still valid these students are allowed to graduate in this Master’s programme, at the latest on 31-8-2019.

Article 3.5 English language requirement
Those possessing a Bachelor’s degree from a Dutch university or HBO institution satisfy the requirement of sufficient command of the English language. Additionally, prior knowledge of English can also be evidenced by:
   a. a diploma from a university or HBO study programme taught in English, or
   b. TOEFL test: minimum score: 92, at least 20 on each sub-score;
   c. TOEFL paper based test: 580
   d. IELTS-test: minimum score: 6.5, at least 6 on each sub-score;
   e. Cambridge International Examinations: minimum score: A (FCE), B (CAE), B (CPE)

4. Curriculum

Article 4.1 Components
1. The programme consists of
   a. compulsory courses
   b. track-specific courses
   c. electives
   d. thesis

Article 4.2 Curriculum
Master’s programme in Business Economics – specialisation Finance
### Master’s programme in Business Economics – specialisation Managerial Economics and Strategy

<table>
<thead>
<tr>
<th></th>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td>Teddy Roosevelt (5 EC)</td>
<td>Master’s Thesis Managerial Economics and Strategy (15 EC)</td>
</tr>
<tr>
<td><strong>Period 2</strong></td>
<td>Markets and Organisations (5 EC)</td>
<td><strong>Period 3</strong></td>
</tr>
<tr>
<td><strong>Period 3</strong></td>
<td>Empirical Methods in Finance (5 EC)</td>
<td><strong>Period 4</strong></td>
</tr>
<tr>
<td><strong>Period 4</strong></td>
<td>Elective (5 EC)</td>
<td><strong>Period 5</strong></td>
</tr>
<tr>
<td><strong>Period 5</strong></td>
<td>Thesis Seminar Finance (4 EC)</td>
<td><strong>Period 6</strong></td>
</tr>
<tr>
<td><strong>Period 6</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Master’s programme in Business Economics – specialisation Real Estate Finance

<table>
<thead>
<tr>
<th></th>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Period 1</strong></td>
<td>Real Estate Valuation (5 EC)</td>
<td>Real Estate Finance (5 EC)</td>
</tr>
<tr>
<td><strong>Period 2</strong></td>
<td>Advanced Real Estate Valuation (5 EC)</td>
<td>Real Estate Finance (5 EC) and Real Estate Investments (5 EC)</td>
</tr>
<tr>
<td><strong>Period 3</strong></td>
<td>Empirical Methods in Finance (5 EC)</td>
<td><strong>Period 4</strong></td>
</tr>
<tr>
<td><strong>Period 4</strong></td>
<td>Real Estate Finance (5 EC)</td>
<td><strong>Period 5</strong></td>
</tr>
<tr>
<td><strong>Period 5</strong></td>
<td>Master’s Thesis Real Estate Finance (15 EC)</td>
<td><strong>Period 6</strong></td>
</tr>
<tr>
<td><strong>Period 6</strong></td>
<td>Thesis Seminar Finance (4 EC)</td>
<td></td>
</tr>
</tbody>
</table>

### List of compulsory courses
Students that did not pass courses from the old curriculum in 2015-2016 or before, cannot do these courses in the 2016-2017 academic year or later. They can however replace these courses by
equivalent courses from the MSc programme in Finance. The replacing courses are mentioned below (see article 5.2 part B3 in OER 2016-2017 for a transition table):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0283</td>
<td>Master’s Thesis Asset Management (15 EC) ór</td>
<td>2+3*</td>
<td>MSc Registration and Thesis Seminar Finance</td>
</tr>
<tr>
<td>6314M0324</td>
<td>Master’s Thesis Banking and Regulation (15 EC) ór</td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6314M0325</td>
<td>Master’s Thesis Corporate Finance (15 EC)</td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
<td></td>
</tr>
<tr>
<td>6314M0280</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0282</td>
<td>Ethics and Professional Skills in Finance (1 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0278</td>
<td>Financial Markets (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0281</td>
<td>Thesis Seminar Finance (4 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6314M0286</td>
<td>Valuation (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0300</td>
<td>Master internship Finance (15 EC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0264</td>
<td>Master’s Thesis Managerial Economics and Strategy (15 EC)</td>
<td>1+2</td>
<td>MSc Registration, Applied Econometrics + at least one of: Managerial Economics or Strategy or Markets and Organizations</td>
</tr>
<tr>
<td>6314M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0261</td>
<td>Managerial Economics (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0153</td>
<td>Markets and Organizations (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0310</td>
<td>Games and Strategy (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0155</td>
<td>Power and Authority in Organisations (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0263</td>
<td>Research Seminar Managerial Economics and Strategy (5 EC)</td>
<td>4+5</td>
<td>MSc Registration and Registration Master's thesis Managerial Economics and Strategy.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0299</td>
<td>Master’s Thesis Real Estate Finance (15 EC)</td>
<td>2+3*</td>
<td>Enrolment MSc Finance, MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
<td></td>
</tr>
<tr>
<td>6314M0280</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6314M0282</td>
<td>Ethics and Professional Skills in Finance (1 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0298</td>
<td>International Housing Markets (5 EC) ór</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0353</td>
<td>Real Estate Investments (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0296</td>
<td>Real Estate Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0293</td>
<td>Real Estate Markets and Analysis 1 (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0295</td>
<td>Real Estate Markets and Analysis 2 (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0292</td>
<td>Real Estate Valuation (5 EC)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Double specialisation Finance and Real Estate Finance

Students wishing to record both Finance and Real Estate Finance as specialisations on their transcript must complete the following study programme:

a. Real Estate Markets and Analysis 1 (6314M293, 5 EC)

b. Real Estate Markets and Analysis 2 (6314M0295, 5 EC)

c. Real Estate Valuation (6314M0292, 5 EC)

d. Advanced Real Estate Valuation (6314M0294, 5 EC)

e. Real Estate Finance (6314M0296, 5 EC)

f. International Housing Markets (6314M298, 5 EC) or

g. Real Estate Investments (6314M0297, 5 EC)

h. Applied Financial Econometrics (6414M0279, 5 EC)

i. Financial Markets (6314M0278, 5 EC)

j. Empirical Methods in Finance (6314M0280, 5 EC)

k. Valuation (6314M0286, 5 EC)

l. Thesis Seminar Finance (6314M0281, 4 EC)

m. Ethics and Professional Skills in Finance (6314M0282, 1 EC)

n. Electives (10 EC in total)

o. A Master’s thesis (15 credits) the subject of which must relate to both financial and real estate aspects and must have been approved by the appropriate Programme Director.

Based on the above, the programme for the two specialisations together must carry a minimum of 80 credits.

Other double specialisations

It is not possible to graduate in a double specialisation of Managerial Economics and Strategy plus Finance and/or Real Estate Finance.

Article 4.3 Practical training

Students of the specialisation Finance or Real Estate Finance who are registered for the MSc Business Economics and who have finished 45 EC of their curriculum may do an internship for 15 EC. The internship must be completed within 6 months after the nominal timeframe for graduation. The procedure and learning objectives of the internship are described in the Course Catalogue. Special conditions apply for non-EU students. It is a student’s responsibility to find an internship.

Article 4.4 Electives

1. Students that did not pass courses from this curriculum in 2015-2016 or before, cannot do these courses in the 2016-2017 academic year or later. They can however replace these courses by equivalent courses from the MSc programme in Finance. The replacing courses are mentioned below (see article 5.2 part B3 in OER 2016-2017 for a transition table):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Finance or MSc</td>
</tr>
</tbody>
</table>
### Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0289</td>
<td>International Housing Markets</td>
<td>4</td>
</tr>
<tr>
<td>6314M0285</td>
<td>Banking</td>
<td>2</td>
</tr>
<tr>
<td>6314M0277</td>
<td>Advanced Corporate Finance</td>
<td>1</td>
</tr>
<tr>
<td>6314M0287</td>
<td>Corporate Governance</td>
<td>2</td>
</tr>
<tr>
<td>6314M0108</td>
<td>Derivatives</td>
<td>2</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management</td>
<td>4</td>
</tr>
<tr>
<td>6314M0291</td>
<td>International Corporate Finance</td>
<td>4</td>
</tr>
<tr>
<td>6314M0284</td>
<td>Advanced Investments</td>
<td>2</td>
</tr>
<tr>
<td>6314M0303</td>
<td>Financial Regulation</td>
<td>4</td>
</tr>
<tr>
<td>6314M0353</td>
<td>Real Estate Investments</td>
<td>4</td>
</tr>
<tr>
<td>6314M0296</td>
<td>Real Estate Finance</td>
<td>4</td>
</tr>
</tbody>
</table>

### Enrolment MSc Finance, MSc Business Economics specialisation Finance / Real Estate Finance, MSc Actuarial Science and Mathematical Finance or MSc Econometrics

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0231</td>
<td>Performance Management</td>
<td>4</td>
</tr>
<tr>
<td>6314M0151</td>
<td>Competition Policy</td>
<td>4</td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation</td>
<td>2</td>
</tr>
</tbody>
</table>

* All courses of the MSc Business Economics specialisation Finance or Real Estate Finance prequire enrolment for the MSc Finance or MSc Business Economics specialisation Finance or Real Estate Finance at the UvA. Some courses are also accessible for students of other EB Master’s programmes, see the additions in the table above.

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**For the specialisation Managerial Economics and Strategy there is a restricted list of electives:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0296</td>
<td>Real Estate Finance</td>
<td>4</td>
</tr>
</tbody>
</table>

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2. Courses listed in the course list in Article 4.2 which are not part of the compulsory curriculum may also be included in the study programme as an elective. Entry requirements or capacity restrictions may apply.

### Article 4.5 Component enrolment requirements

Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

### Article 4.6 Participation requirements

See the Course Catalogue for attendance rules per course.

### Article 4.7 Exemptions
A maximum of 12 credits in the Master’s curriculum may be accumulated through granted exemptions.

**Article 4.8 Validity period of examinations**
See article 4.8 of Part A.

**Article 4.9 Degree**
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

### 5. Transition and final provisions

**Article 5.1 Adjustments and periodic review**
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

**Article 5.2 Transition arrangements**
The course *Applied Industrial Organisation* (6314M0323) is no longer part of the specialisation Managerial Economics & Strategy. This restricted elective will be replaced by the course *Competition Policy* (6414M0151). Students that already passed this course before 01 September 2018, can still include this course as an elective in the mentioned specialisation.

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Industrial Organisation (6314M0323)</td>
<td>Competition Policy (6414M0151)</td>
</tr>
</tbody>
</table>

The course *Strategy* (6314M0262) is renamed to *Games and Strategy* (6314M0310). Students who started before 01 September 2018 and did not yet pass the old course, must follow the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy (6314M0262)</td>
<td>Games and Strategy (6314M0310)</td>
</tr>
</tbody>
</table>

**Article 5.3 Publication**
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

**Article 5.4 Effective date**
This regulation comes into force as of 1 September 2018.
Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
### B4 Master’s programme in Business Administration

#### 1. General provisions

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

**Article 1.2 Programme characteristics**
1. The MSc Business Administration CROHO number 60902 is offered full-time in English.
2. The programme has a workload of 60 EC
3. The workload of the programme components is given in Chapter 4 of this Part

**Article 1.3 Enrolment**
The intake date for each of the study programme tracks is 1 September. The tracks Marketing and International Management also allow an intake date on 1 February.

#### 2. Programme content

**Article 2.1 Aim of the programme**

*Objective*
Business Administration as a science is concerned with the interdisciplinary study of complex organisational issues in their context. Education and research in Business Administration aim to develop knowledge of analysing and developing (processes in) organisations, making them more effective and efficient. The Master’s programme in Business Administration is directed at developing an academic level of thinking and working within this field. The acquired business knowledge is relevant for practical purposes, such as giving advice, operations management and policy formulation, as well as for scientific purposes, such as academic research in the field or in the sub-domains of Business Administration. In the programme, students acquire knowledge of relevant and recent academic literature in the field of Business Administration and receive training in the methods and skills required to apply this knowledge in research and analysis, as well as in dealing with real-life issues in a multidisciplinary and international context. The students are trained for those professions in which business knowledge is required at an academic level. In this degree programme, students can compile their own curriculum in various specialist fields, known as tracks. The exit qualifications should therefore partially be differentiated according to the following tracks:
1. Strategy: main strategic issues that firms face in relation to how they interact with their competitive and institutional environment and how they are organized internally.
2. International Management: ways in which organizations engage in international business and how countries differ systematically in terms of resource endowments, market opportunities, culture and regulatory frameworks.
3. Marketing in a Digital Age: within this track there are two specialisations:
   a. Marketing Management: contemporary models for strategic marketing and the implications of consumer behaviour for marketing decisions.
4. Leadership and Management: the challenges organisations are facing in terms of managing individuals, teams and organisations and the balance between organizational and employee interests.
5. Entrepreneurship and Innovation: the process of new social or commercial venture creation, corporate entrepreneurship and innovation management.
6. Entrepreneurship and Management in the Creative Industries: the specific characteristics of core business concepts and theories in the context of the creative industries.

**Article 2.2 Exit qualifications**

There are three categories of exit qualifications:

1. **Knowledge**
2. **Skills**
3. **Attitude**

1. Knowledge-related exit qualifications
   - K1. knowledge and understanding of leading theories, models and debates in Business Administration.
   - K2. knowledge of current research in one of the specialist fields of Business Administration
   - K3. knowledge of business issues and challenges in an international and societal context
   - K4. knowledge of different approaches and solutions to business issues
   - K5. knowledge of different research methods and their applicability
   - K6. in-depth knowledge of one specific quantitative or qualitative research method

2. Skills-related exit qualifications
   - S1. the ability to apply theories and frameworks to practical cases and managerial problems
   - S2. the ability to apply academic research methods to analyse business and management issues
   - S3. the ability to critically reflect on current business research
   - S4. the ability to articulate a well-balanced judgment or solution in reference to current business or managerial cases, supported by appropriate theories and arguments
   - S5. the ability to independently develop and conduct academic research in one of the specialist fields of Business Administration
   - S6. the ability to report clearly and concisely, both orally and in writing
   - S7. the ability to reflect on and be prepared for career opportunities.

3. Attitude-related exit qualification
   - A1. sensitivity to deal with ethical dilemmas, social responsibility and sustainability as relevant business issues
   - A2. the ability to cooperate constructively by leveraging diversity in multidisciplinary and international teams.

**3. Admission**

**Article 3.1 Admission criteria**

1. Applicants are required to have the following knowledge and skills on a third-year Bachelor-level, equivalent to a UvA degree in Economics and Business:
   - Knowledge of business related issues, theories and discussions in at least two of the following fields: Strategy, International Management, Organization, Marketing, Leadership, Entrepreneurship or Organisational Psychology
   - The ability to critically reflect on theories and research
   - The ability to conduct qualitative and quantitative research

2. Applications are assessed by the Admissions Board.

3. In addition to the requirements listed in paragraph 3.1.1, the Admissions Board will assess the applications and select students on the following criteria:
   - a. motivation, as evidenced by a motivation letter and CV;
   - b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
   - c. grade point average
   - d. GMAT / GRE score
The selection procedure as described in 3.1.4 is not applicable for students from selected programmes, including the Bachelor in Economics and Business of the University of Amsterdam and the Premaster programme Business Administration.

5. This article of the model OER is not applicable at EB.

6. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
Pre-Master education is included in Appendix I of this document.

Article 3.3 Limited programme capacity
This article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:

a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement

1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
   a. TOEFL-IBT
      i. Overall Score: 92 Points
      ii. Reading, Listening, Speaking, Writing: 20 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English: First
      i. Grade A
d. Cambridge English: Advanced
      i. Grade C
e. Cambridge English: Proficiency
      i. Grade C

4. Curriculum

Article 4.1 Components

1. The programme consists of
   a. compulsory courses
   b. track-specific core courses
c. business lab courses  
d. thesis and thesis courses  

Article 4.2 Curriculum  
Structure of the Master’s programme in Business Administration  
A study programme for the Master’s programme in Business Administration consists of:  
a. the Theories course of the chosen track (6 EC);  
b. a Theories course of one of the other tracks (6 EC);  
c. two core courses of the chosen track (each 6 EC);  
d. two courses of the Business Lab (each 6 EC);  
e. the course Thesis Proposal (5 EC) of the chosen track;  
f. one workshop in Research Methods (2 EC);  
g. one workshop in Analysis (1 EC);  
h. Business Seminar and Professional Skills (4 EC)  
i. Master’s Thesis Business Administration (12 EC).  
The Master’s thesis must be written about a subject that is closely related to the field of the chosen track.  

This schedule only applies to students starting in September. Students starting in February follow the same courses in the same order. The only exception is the Business Seminar, which takes place only once a year, in September.  

Course list  
The following course list is also included in the digital UvA Course Catalogue2018-2019.  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirement*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory courses for all tracks:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0349</td>
<td>Business Seminar and Professional Skills 1 (2 EC)</td>
<td>1 and 2</td>
<td></td>
</tr>
<tr>
<td>6314M0360</td>
<td>Business Seminar and Professional Skills 2 (2 EC)</td>
<td>4 and 5</td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory Methods-Workshops (one out of five):</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0225</td>
<td>Thesis Workshop Social Media Research (2 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0228</td>
<td>Thesis Workshop Experiment Design (2 EC)</td>
<td>4 and 1</td>
<td></td>
</tr>
<tr>
<td>6314M0226</td>
<td>Thesis Workshop Database Research (2 EC)</td>
<td>4 and 1</td>
<td></td>
</tr>
<tr>
<td>6314M0224</td>
<td>Thesis Workshop Qualitative Research / Case Studies (2 EC)</td>
<td>4 and 1</td>
<td></td>
</tr>
<tr>
<td>6314M0227</td>
<td>Thesis Workshop Survey Design (2 EC)</td>
<td>4 and 1</td>
<td></td>
</tr>
</tbody>
</table>
### Compulsory courses for the specialisation Strategy:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0186</td>
<td>Theories of Strategy (6 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6314M0234</td>
<td>Strategy and Organisation Design (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0235</td>
<td>The Adaptive Organisation (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0304</td>
<td>Thesis Proposal Strategy (5 EC)</td>
<td>3 and 6</td>
</tr>
<tr>
<td>6314M0366</td>
<td>Master’s Thesis Strategy (12 EC)</td>
<td>1-3,4-6</td>
</tr>
</tbody>
</table>


### Compulsory courses for the track International Management:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0184</td>
<td>Theories of International Management (6 EC)</td>
<td>1 and 4</td>
</tr>
<tr>
<td>6314M0173</td>
<td>International Strategy (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0169</td>
<td>International Business Context (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0305</td>
<td>Thesis Proposal International Management (5EC)</td>
<td>3 and 6</td>
</tr>
<tr>
<td>6314M0363</td>
<td>Master’s Thesis International Management (12 EC)</td>
<td>1-3,4-6</td>
</tr>
</tbody>
</table>

Enrolment MSc: Business Administration, Thesis Proposal International Management, Theories of International Management, and International Strategy or International Business Context

### Compulsory courses for the track Marketing in a Digital Age:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0185</td>
<td>Theories of Marketing (6 EC)</td>
<td>1 and 4</td>
</tr>
<tr>
<td>6314M0159</td>
<td>Consumer Behaviour (6 EC) ór</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0311</td>
<td>Digital Marketing and Analytics (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0179</td>
<td>Marketing Strategy (6 EC) ór</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0311</td>
<td>Digital Marketing and Analytics (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0306</td>
<td>Thesis Proposal Marketing (5EC)</td>
<td>3 and 6</td>
</tr>
<tr>
<td>6314M0365</td>
<td>Master’s Thesis Marketing (12 EC)</td>
<td>1-3,4-6</td>
</tr>
</tbody>
</table>

Enrolment MSc: Business Administration, Thesis Proposal Marketing, Theories of Marketing, and Consumer Behaviour / Marketing Strategy / Digital Marketing and Analytics (2 out of 3)

### Compulsory courses for the track Digital Business:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0310</td>
<td>Theories of Digital Business (6 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6314M0311</td>
<td>Digital Marketing and Analytics (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0312</td>
<td>Digital Business Innovation (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0313</td>
<td>Thesis Proposal Digital Business (5EC)</td>
<td>3 and 6</td>
</tr>
<tr>
<td>6314M0367</td>
<td>Master’s Thesis Digital Business (12 EC)</td>
<td>1-3, 4-6</td>
</tr>
</tbody>
</table>


### Compulsory courses for the track Leadership and Management:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0229</td>
<td>Theories of Leadership and Management (6 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6314M0117</td>
<td>Managing People Strategically (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0176</td>
<td>Leadership (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0307</td>
<td>Thesis Proposal Leadership and Management (5EC)</td>
<td>3 and 6</td>
</tr>
</tbody>
</table>
# Teaching and Examination Regulations

## Master's degree programmes of Economics and Business 2018-2019

### B4 Master’s Programme in Business Administration

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0364</td>
<td>Master’s Thesis Leadership and Management (12 EC)</td>
<td>1-3, 4-6</td>
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</table>

### Compulsory courses for the track Entrepreneurship and Management in the Creative Industries

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0212</td>
<td>Theories of Entrepreneurship and Management in the Creative Industries (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0213</td>
<td>Strategic Management and Marketing Theory in the Creative Industries (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0162</td>
<td>Cultural Entrepreneurship and Innovation (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0308</td>
<td>Thesis Proposal Entrepreneurship and Management in the Creative Industries (5EC)</td>
<td>3 and 6</td>
<td></td>
</tr>
<tr>
<td>6314M0362</td>
<td>Master’s Thesis Entrepreneurship and Management in the Creative Industries (12 EC)</td>
<td>1-3, 4-6</td>
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</tr>
</tbody>
</table>

### Compulsory courses for the track Entrepreneurship and Innovation:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0183</td>
<td>Theories of Entrepreneurship and Innovation (6 EC)</td>
<td>1</td>
<td></td>
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<tr>
<td>6314M0171</td>
<td>International Entrepreneurship (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0168</td>
<td>Innovation Management (6 EC)</td>
<td>2</td>
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</tr>
<tr>
<td>6314M0309</td>
<td>Thesis Proposal Entrepreneurship and Innovation (5EC)</td>
<td>3 and 6</td>
<td></td>
</tr>
<tr>
<td>6314M0361</td>
<td>Master’s Thesis Entrepreneurship and Innovation (12 EC)</td>
<td>1-3, 4-6</td>
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</tbody>
</table>

### Business Lab:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0157</td>
<td>Branding (6 EC)</td>
<td>1 and 4</td>
<td></td>
</tr>
<tr>
<td>6314M0344</td>
<td>Branding for Start-ups (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0239</td>
<td>Business Cases in New Technology (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0341</td>
<td>Business Negotiations(6 EC)</td>
<td>2 and 5</td>
<td></td>
</tr>
<tr>
<td>6314M0315</td>
<td>Business Strategy and Sustainability (6 EC)</td>
<td>1 and 4</td>
<td></td>
</tr>
<tr>
<td>6314M0317</td>
<td>Cases in Creative Entrepreneurship (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0316</td>
<td>Cases in Leadership (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Notes</td>
</tr>
<tr>
<td>------------</td>
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</tr>
<tr>
<td>6314M0267</td>
<td>Cases in Retail Marketing (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0214</td>
<td>Change Management (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0346</td>
<td>Corporate Venturing (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0237</td>
<td>Cross Cultural Management (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0208</td>
<td>Design Driven Business Innovation (6 EC)</td>
<td>4</td>
<td></td>
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<tr>
<td>6314M0348</td>
<td>Disruptive Innovation Marketing (6 EC)</td>
<td>2 and 5</td>
<td></td>
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<tr>
<td>6314M0347</td>
<td>Entrepreneurship and Business in China (6 EC)</td>
<td>5</td>
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<tr>
<td>6314M0161</td>
<td>Entrepreneurial Finance (6 EC)</td>
<td>5</td>
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<tr>
<td>6314M0236</td>
<td>Executing Strategy (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0318</td>
<td>Globalisation and Offshoring (6 EC)</td>
<td>2 and 5</td>
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<tr>
<td>6314M0320</td>
<td>International Business and Sustainable Development (6 EC)</td>
<td>5</td>
<td></td>
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<tr>
<td>6314M0240</td>
<td>Managing Creativity (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0342</td>
<td>Marketing Communication (6 EC)</td>
<td>2</td>
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</tr>
<tr>
<td>6314M0343</td>
<td>Marketing Metrics (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0257</td>
<td>Mergers and acquisitions (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0268</td>
<td>Online Marketing (6 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0238</td>
<td>Operational Excellence (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0322</td>
<td>Organisation Design for the 21st century (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0231</td>
<td>Performance Management (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0266</td>
<td>Retail Strategy and Marketing (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0345</td>
<td>Social Media Marketing (6 EC)</td>
<td>2 and 4</td>
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<tr>
<td>6314M0340</td>
<td>Strategy Consulting (6 EC)</td>
<td>2 and 5</td>
<td></td>
</tr>
<tr>
<td>6314M0319</td>
<td>Sustainable Business Models (6 EC)</td>
<td>2 and 5</td>
<td></td>
</tr>
</tbody>
</table>

**Extra-curricular courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0274</td>
<td>Master internship Business Administration (15EC)</td>
<td>See article 4.3 Practical training</td>
<td></td>
</tr>
</tbody>
</table>

*All courses of the MSc Business Administration require enrolment for this Master’s programme at the UvA with exceptions listed here above in this table.

**Article 4.3 Practical training**

Students who are registered for the MSc Business Administration and who have finished 45 EC of their curriculum may do an internship for 15 EC. The internship must be completed within 6 months after the nominal timeframe for graduation. The procedure and learning objectives of the internship are described in the Course Catalogue. Special conditions apply for non-EU students. It is a student’s responsibility to find an internship.

**Article 4.4 Electives**

1. Only the courses in the Business Lab, as listed in Article 4.2, are allowed as electives. Courses other than listed in Article 4.2 cannot be included in the curriculum.

2. Students are not allowed to register for more than one Business Lab elective per block during the course registration period. Students that wish to register for more than one elective per block, may do so during the late course registration period, depending on availability.

**Article 4.5 Component enrolment requirements**

Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.
Article 4.6 Participation requirements  
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions  
It is not possible to obtain credits through exemptions.

Article 4.8 Validity period of examinations  
See article 4.8 of Part A.

Article 4.9 Degree  
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review  
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements  
The new courses will replace the old courses of 2017-2018:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
</table>

1. Only students who started their programme before 01 September 2018 can in 2018-2019 still enroll in the old style Master thesis (15 EC). From 01 September 2019 students can only start with new style Master thesis (12 EC).
2. Only for students who started their programme before 01 September 2018 the old course Business Seminar (6314M0256, 1 EC) will be offered once more in 2018-2019. These students have also the option to replace the old course Business Seminar (6314M0256) with the course Business Seminar and Professional Skills 1 (6314M0249, 2 EC) or Business Seminar and Professional Skills 2 ((6314M0360, 2 EC)).

Article 5.3 Publication  
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).
Article 5.4 Effective date

This regulation comes into force as of 1 September 2018

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
B5 Master's programme in Econometrics

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Econometrics CROHO number 60177 is offered full-time in English.
2. The programme has a workload of 60 EC
3. The workload of the programme components is given in Chapter 4 of this Part

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September. Only students who earned a BSc degree in Econometrics and OR, specialisation Econometrics from the UvA, can enrol on 1 February. In that case the study programme cannot be fully completed within one year and the workload will not be spread evenly throughout the academic year.

2. Programme content

Article 2.1 Aim of the programme
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 (including mathematical economics and econometrics) and receive training in the methods and skills needed to apply this knowledge. They are educated for professions in fields of business, policy or research that require academic levels of econometric knowledge. Further specialisation is developed by building on the broad knowledge of econometrics and mathematical economics acquired in the Bachelor’s programme in Econometrics and Operations Research or equivalent previous education. This specialisation may relate to general econometrics (focusing on the development and application of estimation and testing methods), financial econometrics (focusing on empirical analyses of financial markets), Data Science and Business Analytics (focusing on the analysis of business processes often using very large data sets), or Complexity and Behaviour (focusing on mathematical economic models). In particular, the degree programme prepares the student for research jobs in the fields of e.g. market analysis, consultancy or research agencies, financial institutions, or (semi) government institutions such as the Bureau for Economic Policy Analysis or a Ministry. For suitable candidates this study programme also provides access to a subsequent PhD programme.

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

1. Knowledge-related exit qualifications
The programme provides knowledge of and insight into both national and international economic and management developments and opinions and discipline related global issues and trends. 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 and to develop by himself alternative solutions for which a sound basis exists. As regards substantive knowledge, a level is required for each course which makes the student a specialist in the field, or part of it. Detailed knowledge at a high academic level is combined with practical examples and applications.
After successfully completing the course, students will have acquired the following knowledge:

**K1.** extensive knowledge of one of the following fields of application within econometrics or mathematical economics: micro-econometrics, financial econometrics, data science and business analytics, market imbalances and non-linear dynamics, game theory applications;

**K2.** an understanding of the applicability, scope and limits of econometric methods in practical situations.

2. **Skills**-related exit qualifications:

**S1.** the ability to conduct independent research, which includes being able to formulate a hypothesis and a plan outlining the approach to and the execution of the research

**S2.** the ability to translate a problem from practice into a problem definition that can be analysed using methods from the field of econometric and mathematical economic methods and to translate the results of these analyses back to the practical setting;

**S3.** the ability to quickly familiarise oneself with a field outside the chosen specialisation;

**S4.** the ability to keep abreast of new developments in their field.

**S5.** the ability to collaborate in an international environment.

3. **Attitude**-related exit qualifications:

**A1.** a research-oriented attitude;

**A2.** a primarily quantitative and analytical approach to practical social and business problems;

**A3.** an understanding of the social context in which the profession is performed; this includes an understanding of the social role of policy recommendations based on econometric analyses (both in government and business);

**A4.** the ability both to function independently and to cooperate constructively within a team;

**A5.** a multidisciplinary attitude.

**A6.** appreciate the importance of culture and context in decision-making.

3. **Admission**

**Article 3.1 Admission criteria**

1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a) Micro economics
   b) Macro economics
   c) Finance
   d) Economic theory (advanced)
   e) Game theory (advanced)
   f) Econometrics (advanced)
   g) Time series analysis (advanced)
   h) Probability and mathematical statistics (as in a mathematics degree)
   i) Linear algebra (as in a mathematics degree)
   j) Calculus or analysis (as in a mathematics degree)

2. Applications are assessed by the Admissions Board. Students holding a Bachelor's degree in Econometrics and Operations Research of the University of Amsterdam, and who have completed all the courses of the Econometrics track, are unconditionally eligible for admission to the programme.

3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution.
c. grade point average
d. GMAT / GRE score

4. The applicant has to meet all requirements before being allowed to enter the programme.

**Article 3.2 Pre-Master’s programme**
This Article of the model OER is not applicable.

**Article 3.3 Limited programme capacity**
This Article of the model OER is not applicable.

**Article 3.4 Application deadline**
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
- a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
- b. 1 June for students with a Dutch diploma.

**Article 3.5 English language requirement**
1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
   b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
   c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
      a. TOEFL-IBT
         i. Overall Score: 92 Points
         ii. Reading, Listening, Speaking, Writing: 20 points each
      b. IELTS (Academic version)
         i. Overall Score: 6.5 Points
         ii. Reading, Listening, Speaking, Writing: 6.0 points each
      c. Cambridge English: First
         i. Grade A
      d. Cambridge English: Advanced
         i. Grade C
      e. Cambridge English: Proficiency
         i. Grade C

**4. Curriculum**

**Article 4.1 Components**
1. The programme consists of
   a. compulsory courses
   b. track-specific courses
   c. thesis

**Article 4.2 Curriculum**
Structure of the Master’s programme in Econometrics
The programme consists of the following four parts:
1. compulsory courses (20 EC) from the list of Master’s courses in Econometrics
2. 2 courses chosen from Financial Mathematics for Insurance (6 EC), Machine Learning for Econometrics (5 EC) and Complex Economic Dynamics (5 EC).
3. 15 EC on track specific courses
4. Master’s Thesis Econometrics (15 EC). The Thesis has to be written, and electives have to be chosen, in accordance with the chosen specialisation.

<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>Theory of Markets (5 EC)</td>
<td>2 out of the courses:</td>
</tr>
<tr>
<td>- Financial Mathematics for Insurance (6 EC)</td>
<td>- Machine Learning for Econometrics (5 EC)</td>
</tr>
<tr>
<td>Data Science Methods (5 EC)</td>
<td>Track specific courses</td>
</tr>
<tr>
<td>Advanced Econometrics 1 (5 EC)</td>
<td></td>
</tr>
</tbody>
</table>

**Course list**
The following course list is also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0222</td>
<td>Master’s Thesis Econometrics (15 EC)</td>
<td>1+2 5+6</td>
<td>At least 20 EC completed from the Master programme</td>
</tr>
<tr>
<td>6414M0223</td>
<td>Master’s Thesis Financial Econometrics (15 EC)</td>
<td>1+2 5+6</td>
<td>At least 20 EC completed from the Master programme</td>
</tr>
<tr>
<td>6414M0325</td>
<td>Master’s Thesis Complexity and Economic Behaviour (15 EC)</td>
<td>1+2 5+6</td>
<td>At least 20 EC completed from the Master programme</td>
</tr>
<tr>
<td>6414M0326</td>
<td>Master’s Thesis Data Science and Business Analytics (15 EC)</td>
<td>1+2 5+6</td>
<td>At least 20 EC completed from the Master programme</td>
</tr>
<tr>
<td>6414M0005</td>
<td>Advanced Econometrics 1 (5 EC)</td>
<td>1+2</td>
<td></td>
</tr>
<tr>
<td>6414M0006</td>
<td>Advanced Econometrics 2 (5 EC)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
### List of Master’s courses in Econometrics:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>EC</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0323</td>
<td>Behavioural Macro and Finance (5 EC)</td>
<td></td>
<td>4+5</td>
</tr>
<tr>
<td>6414M0322</td>
<td>Complex Economic Dynamics (5 EC)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>6414M0007</td>
<td>Financial Econometrics (5 EC)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>6414M0010</td>
<td>Microeconometrics (5 EC)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>6414M0211</td>
<td>Financial Mathematics for Insurance (6 EC)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>6414M0324</td>
<td>Economic and Financial Network Analysis (5 EC)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>6414M0013</td>
<td>Stochastic Calculus (5 EC) **</td>
<td></td>
<td>4+5</td>
</tr>
<tr>
<td>6414M0219</td>
<td>Machine Learning for Econometrics (5 EC)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>6414M0220</td>
<td>Quantitative Marketing (5 EC)</td>
<td></td>
<td>4+5</td>
</tr>
</tbody>
</table>

* All courses of the MSc Econometrics require enrolment for the Master’s programmes Econometrics or Actuarial Science and Mathematical Finance at the UvA. Otherwise external students need approval of the Programme director.

***) The course **Stochastic Integration** (5374STIN8), of the Faculty of Science gives exemption for the course **Stochastic Calculus** (6414M0013).

### Specialisation Econometrics

A study programme for the specialisation Econometrics of the Master’s programme in Econometrics consists of:

1. compulsory Master’s courses (20 EC): Advanced Econometrics 1, Advanced Econometrics 2, Data Science Methods and Theory of Markets
2. two courses from Complex Economic Dynamics (5 EC), Financial Mathematics for Insurance (6 EC) and Machine Learning for Econometrics (5 EC)
3. the course Financial Econometrics (6414M0007, 5 EC)
4. the course Microeconometrics (6414M0010, 5 EC)
5. elective from the list of Master’s courses in Econometrics or the lists of electives of the other tracks (5 EC)

### Specialisation Financial Econometrics

A study programme for the specialisation Financial Econometrics of the Master’s programme in Econometrics consists of:

1. the compulsory Master’s courses (20 EC): Advanced Econometrics 1, Advanced Econometrics 2, Data Science Methods and Theory of Markets
2. one course (5 EC) from Complex Economic Dynamics and Machine Learning for Econometrics
3. the course Financial Mathematics for Insurance (6414M0211, 6 EC)
4. the course Financial Econometrics (6414M0007, 5 EC)
5. the course Stochastic Calculus (6414M0013, 5 EC)
6. one elective (5 EC) from Behavioural Finance, Behavioural Macro and Finance, Fixed Income Risk Management, Microeconometrics, Economic and Financial Network Analysis, Real Estate Finance and Real Estate Investments.

### Specialisation Complexity and Economic Behaviour

A study programme for the specialisation Complexity and Economic Behaviour of the Master’s programme in Econometrics consists of:
1. compulsory Master’s courses (20 EC): Advanced Econometrics 1, Advanced Econometrics 2, Data Science Methods and Theory of Markets
2. one course from Financial Mathematics for Insurance (6 EC) and Machine Learning for Econometrics (5 EC)
3. the course Complex Economic Dynamics (5 EC)
4. the course Economic and Financial Network Analysis (5 EC)
5. the course Behavioural Macro and Finance (5 EC)
6. one elective (5 EC) from Financial Econometrics, Microeconometrics, Stochastic Calculus and Quantitative Marketing.
7. master’s Thesis Econometrics (6414M0224, 15 EC) on Complexity and Economic Behaviour

**Specialisation Data Science and Business Analytics**
A study programme for the specialisation Data Science and Business Analytics of the Master’s programme in Econometrics consists of:
1. compulsory Master’s courses (20 EC): Advanced Econometrics 1, Advanced Econometrics 2, Data Science Methods and Theory of Markets
2. one course from Complex Economic Dynamics (5 EC) and Financial Mathematics for Insurance (6 EC)
3. the course Machine Learning for Econometrics (6414M0219, 5 EC)
4. the course Quantitative Marketing (6414M0220, 5 EC)
5. the course Micro-econometrics (6414M0010, 5 EC)
6. one elective (5 EC) from Information Visualisation (FNWI-course), Economic and Financial Network Analysis or any other course on Data Science, Big Data or Business Analytics (if approved by the program director)
7. master’s Thesis Econometrics (6414M0233, 15 EC) on Data Science and Business Analytics

**Double degree programmes in Econometrics and Mathematics**
Programme
In collaboration with the Mathematics Department of the Faculty of Science (the KdV Institute of the FNWI), two double degree programmes have been established for students desiring to earn a degree in both Econometrics and Mathematics:
1. A double degree programme in Mathematics and Econometrics;

The total scope of each of these programmes is 150 credits, and they both have the following general structure:

a. 56 credits for courses in Mathematics
b. 45 credits for courses in Econometrics

c. 6 credits for Academic Skills (taken at FNWI)
d. 7 credits for electives at EB and/or FNWI
e. 30 credits for a joint Master’s thesis with a supervisor from FNWI and a supervisor from EB, with an additional 6 credits for oral and written presentation at FNWI.

Study programmes must be approved by both the EB Examinations Board and the Mathematics Examinations Board. These programmes must meet the standard requirements of the separate Master’s programmes that make up the double degrees: either the MSc in Stochastics and Financial Mathematics; or the MSc in Mathematics; and the MSc in Econometrics. The requirements for the 45 credits from courses in Econometrics are set out in Chapter 6. The requirements for the 56 credits in courses in Mathematics for the specialisation Mathematics and Econometrics are set out in the Teaching and Examination Regulations for the Master’s programme in Mathematics. The requirements for the 56 credits in courses in Mathematics for the specialisation Econometrics and Stochastics and Financial Mathematics are set out in the Teaching and Examination Regulations for the Master’s programme in Stochastics and Financial Mathematics.
Article 4.3 Practical training
This article of the model OER is not applicable.

Article 4.4 Electives
In article 4.2 is mentioned which electives can be chosen for each specialisation. Only for the specialisation Data Science and Business Analytics approval of the programme director of the chosen elective is needed.

Article 4.5 Component enrolment requirements
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in article 4.2 of this Part.

Article 4.6 Participation requirements
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions
A maximum of 18 credits in the Master’s curriculum may be accumulated through granted exemptions.

Article 4.8 Validity period of examinations
See article 4.8 of Part A.

Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
1. Students having started the MSc in Econometrics before 01 September 2018 are allowed to include the old specialisations as listed in the OER 2017-2018 in their study programme. For the specialisation Mathematical Economics (new name Complexity and Economic Behaviour), the course Non-linear Economic Dynamics is considered equivalent to the course Complex Economic Dynamics and the course Bounded Rationality to the course Behavioural Macro and Finance. For the specialisation Big Data and Business Analytics the course Data Science Methods and the courses listed in the new specialisation Data Science and Business Analytics are allowed as electives.
2. Students having started the MSc in Econometrics before 01 September 2018 and who did complete only one of the courses General Equilibrium Theory and Game Theory can replace the missing course by: (1) Data Science Methods or (2) Complex Economic Dynamics (provided that
Non-linear Economics Dynamics is not part of the study programme) or (3) Economic and Financial Network Analysis or (4) Behavioural Macro and Finance (provided that Bounded Rationality is no part of the study programme).

3. Students having started the MSc in Econometrics before 01 September 2018 and who did not complete both courses General Equilibrium Theory and Game Theory can replace the missing courses by: (1) Data Science Methods and (2) Theory of Markets.

Students that started before 01 September 2018 with the Master’s programme and who have not yet passed the old course, must follow the new course (above mentioned transition arrangements in table):

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-linear Economic Dynamics (6414M0012)</td>
<td>Complex Economic Dynamics (6414M0322)</td>
</tr>
<tr>
<td>Bounded Rationality (6414M0004)</td>
<td>Behavioural Macro and Finance (6414M0323)</td>
</tr>
<tr>
<td>Big data electives</td>
<td>Data Science Methods (6414M0320) + the courses listed in the new track Data Science and Business Analytics</td>
</tr>
<tr>
<td>General Equilibrium Theory (6414M0009)</td>
<td>Data Science Methods (6414M0320) or Complex Economic Dynamics (6414M0322) * or Economic and Financial Network Analysis (6414M0324) or Behavioural Macro and Finance (6414M0323)**</td>
</tr>
<tr>
<td>Game Theory (6414M0008)</td>
<td>Data Science Methods (6414M0320) or Complex Economic Dynamics (6414M0322)* or Economic and Financial Network Analysis (6414M0324) or Behavioural Macro and Finance (6414M0323)**</td>
</tr>
<tr>
<td>General Equilibrium Theory (6414M0009) and Game Theory (6414M0008)</td>
<td>Data Science Methods (6414M0320) and Theory of Markets (6414M0321)</td>
</tr>
<tr>
<td>Master’s Thesis Mathematical Economics (6414M0224)</td>
<td>Master’s Thesis Complexity and Economic Behaviour (6414M0325)</td>
</tr>
<tr>
<td>Master’s Thesis Big Data Business Analytics (6414M0233)</td>
<td>Master’s Thesis Data Science and Business Analytics (6414M0326)</td>
</tr>
</tbody>
</table>

*can only be included if the course Non-linear Economics Dynamics is no part of the Master’s programme.

** can only be included if the course Bounded Rationality is no part of the Master’s programme.

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018

Advice and consent from the Programme Committees,
Teaching and Examination Regulations Master’s degree programmes of Economics and Business 2018-2019

B5 Master’s Programme in Econometrics

Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
B6 Master’s programme in Economics

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Economics CROHO number 66401 is offered full-time in English.
2. The programme has a workload of 60 EC
3. The workload of the programme components is given in Chapter 4 of this Part

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September.

2. Programme content

Article 2.1 Aim of the programme
Objective
Economics is the study of human behaviour and social relationships, institutions, and processes in relation to the use and distribution of scarce, alternatively applicable resources. The programme is aimed at developing an advanced academic level of professional and intellectual ability whereby graduates are taught about the most recent scientific literature in the field of economics and are trained in the methods and skills needed to apply this knowledge to actual problems within their chosen field of specialisation.

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

1. Knowledge-related exit qualifications
The student learn about the theories and analytical framework of modern economics and how to apply these to practical issues. The graduate is mindful of the limitations of these theories and this analytical framework, as well as their applications in practice. The graduate knows and understands the discipline related global issues and trends. As regards substantive knowledge, a level is required which makes the student a specialist in the field, or part of it. Graduates will have such knowledge of one of the following subject areas:
K1. Behavioural Economics & Game Theory
K2. Markets & Regulation
K3. Development Economics
K4. International Economics & Globalisation
K5. Monetary Policy & Banking
K6. Public Policy

More particularly, the following skills and attitudes will have been acquired in relation to these areas of study:

2. Skills-related exit qualifications:
S1. the ability to evaluate scientific research in the area of study;
S2. the ability to conduct scientific research at a scientific level. This means that the graduate will be able: (i) to formulate a substantiated, researchable problem statement, (ii) to find the sources needed to do the research, (iii) to make a substantiated choice from the methods available to analyse the problem, as well as the ability to apply these methods;
S3. the ability to report clearly and concisely both orally and in writing about research at an academic level.
S4. the ability to collaborate in an international environment.

3. Attitude-related exit qualifications:
A1. an interdisciplinary and/or multidisciplinary attitude;
A2. the ability both to function independently and to cooperate constructively within a team;
A3. an understanding of the social context within which economics is practised.

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

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a. Microeconomics
   b. Macroeconomics
   c. Econometrics
   d. Mathematics and statistics
   Additionally, knowledge of computing programs such as STATA and Eviews will be highly beneficial.
2. Applications are assessed by the Admissions Board.
3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by reference letters from instructors at previous institutions;
   c. grade point average;
   d. GMAT / GRE score.
4. The applicant has to meet all requirements before being allowed to enter the programme.

Article 3.2 Pre-Master’s programme
This Article of the model OER is not applicable.

Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
   a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
   b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement
1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.

c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
   a. TOEFL-IBT
      i. Overall Score: 92 Points
      ii. Reading, Listening, Speaking, Writing: 20 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English: First
      i. Grade A
   d. Cambridge English: Advanced
      i. Grade C
   e. Cambridge English: Proficiency
      i. Grade C

4. Curriculum

Article 4.1 Components
1. The programme consists of
   a. compulsory courses
   b. track-specific courses
   c. thesis

Article 4.2 Curriculum
The following curriculum is also included in the digital UvA Course Catalogue 2018-2019.

Within the Master’s programme in Economics there are six-specialisations:
1. Behavioural Economics & Game Theory
2. Markets & Regulation
3. Development Economics
4. International Economics & Globalisation
5. Monetary Policy & Banking
6. Public Policy

Structure of the Master’s programme in Economics

<table>
<thead>
<tr>
<th></th>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
<td>Period 3</td>
</tr>
<tr>
<td>Microeconomics and Game Theory (5 EC)</td>
<td>Compulsory course in the chosen specialization (5 EC)</td>
<td>Compulsory course in the chosen specialization (5 EC)</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>Compulsory course in the</td>
<td>Compulsory course in the</td>
</tr>
</tbody>
</table>


Course list*

The following course list is also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1+2</td>
<td></td>
</tr>
<tr>
<td>6414M0161</td>
<td>Macroeconomics (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0164</td>
<td>Microeconomics and Game Theory (5 EC)</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0226</td>
<td>Master’s Thesis Behavioural Economics and Game Theory (15 EC)</td>
<td>1+2</td>
<td>At least 20 EC of the master’s programme completed + active participation in the Research Seminar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6414M0149</td>
<td>Advanced Game Theory (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0154</td>
<td>Evolution and Behaviour (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0167</td>
<td>Neuroeconomics (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0169</td>
<td>Research Seminar Behavioural Economics and Game Theory (5 EC)</td>
<td>4+5</td>
<td>At least 15 EC of the Master’s programme completed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0172</td>
<td>Master’s Thesis Markets and Regulation (15 EC)</td>
<td>1+2</td>
<td>At least 20 EC of the master’s programme completed + active participation in the Research Seminar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0151</td>
<td>Competition Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0323</td>
<td>Applied Industrial Organisation (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0153</td>
<td>Empirical Market Analysis (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0168</td>
<td>Regulation (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0273</td>
<td>Research Seminar Markets and Regulation (5 EC)</td>
<td>4+5</td>
<td>At least 15 EC of the Master’s programme completed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M00228</td>
<td>Master’s Thesis Development Economics (15 EC)</td>
<td>1+2</td>
<td>At least 20 EC of the master’s programme completed + active participation in the Research Seminar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td></td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0152 ór Economic Growth (5 EC), ór</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0157 ór Globalisation, Growth and Development (5 EC) ór</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6414M0158</td>
<td>Human Development (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0274</td>
<td>Policy Evaluation: Development and Public Policy (5 EC)</td>
<td>2</td>
<td>At least 15 EC of the Master’s programme completed</td>
</tr>
<tr>
<td>6414M0165</td>
<td>Microeconomics for Development (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0281</td>
<td>Research Seminar Development Economics (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
</tbody>
</table>
### Compulsory courses for the specialisation International Economics & Globalisation

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0229</td>
<td>Master’s Thesis International Economics and Globalisation (15 EC)</td>
<td>1+2</td>
<td>At least 20 EC of the master’s programme completed + active participation in the Research Seminar</td>
</tr>
<tr>
<td>6414M0152</td>
<td>Economic Growth (5 EC), or</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0156</td>
<td>Public Finance and Fiscal Policy (5 EC)</td>
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<td>6414M0155</td>
<td>Financial Institutions and Banking (5 EC)</td>
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<td>6414M0159</td>
<td>International Economic Cooperation (5 EC)</td>
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<td>International Finance (5 EC)</td>
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<tr>
<td>6414M0162</td>
<td>International Trade Theory and Policy (5 EC)</td>
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<tr>
<td>6414M0175</td>
<td>Research Seminar International Economics and Globalisation (5 EC)</td>
<td>4+5</td>
<td>At least 15 EC of the Master’s programme completed</td>
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### Compulsory courses for the specialisation Monetary Policy & Banking

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<tr>
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<td>Master’s Thesis Monetary Policy and Banking (15 EC)</td>
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<tr>
<td>6414M0152</td>
<td>Economic Growth (5 EC), or</td>
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<tr>
<td>6314M0303</td>
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<td>Enrolment MSc Finance or MSc Business Economics specialisation</td>
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<td></td>
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<td></td>
<td>Finance / Real Estate</td>
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<td>Finance or MSc Economics</td>
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<td>Financial Institutions and Banking (5 EC)</td>
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<td>6414M0160</td>
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<td>6414M0166</td>
<td>Monetary Theory (5 EC)</td>
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<tr>
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<td>Public Finance and Fiscal Policy (5 EC)</td>
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<tr>
<td>6314M0275</td>
<td>Research Seminar Monetary Policy and Banking (5 EC)</td>
<td>4+5</td>
<td>At least 15 EC of the Master’s programme completed</td>
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</table>

### Compulsory courses for the specialisation Public Policy

<table>
<thead>
<tr>
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<th>Notes</th>
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<tbody>
<tr>
<td>6414M0276</td>
<td>Master’s Thesis Public Policy (15 EC)</td>
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<td>At least 20 EC of the master’s programme completed + active participation in the Research Seminar</td>
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<tr>
<td>6414M0158</td>
<td>Human Development (5 EC), or</td>
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<tr>
<td>6414M0152</td>
<td>Economic Growth (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0155</td>
<td>Financial Institutions and Banking (5 EC), or</td>
<td>3</td>
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</tr>
<tr>
<td>6414M0153</td>
<td>Empirical Market Analysis (5 EC)</td>
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<tr>
<td>6414M0274</td>
<td>Policy Evaluation: Development and Public Policy (5 EC)</td>
<td>2</td>
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<tr>
<td>6414M0277</td>
<td>Public Economics (5 EC)</td>
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<td>Public Finance and Fiscal Policy (5 EC)</td>
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<tr>
<td>6414M0278</td>
<td>Research Seminar Public Policy (5 EC)</td>
<td>4+5</td>
<td>At least 15 EC of the Master’s programme completed</td>
</tr>
</tbody>
</table>

* All courses of the MSc Economics require enrolment for this Master’s programme at the UvA. Otherwise external students need approval of the Programme director.

### Article 4.3 Practical training
This article of the model OER is not applicable.

### Article 4.4 Electives
Electives are not part of this master’s programme.
Article 4.5 Component enrolment requirements
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

Article 4.6 Participation requirements
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions
A maximum of 18 credits in the Master’s curriculum may be accumulated through granted exemptions. Internal students who are allowed by the programme director to switch into the MSc Economics from another MSc program of the EB can accumulate a maximum of 30 credits.

Article 4.8 Validity period of examinations
See article 4.8 in of Part A.

Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
There are no transition arrangements for 2018-2019.

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018.

Advice and consent from the Programme Committees, Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
B7 Master’s programme in Finance

1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Finance CROHO number 60046 is offered full-time in English.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this Part.

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September.

2. Programme content

Article 2.1 Aim of the programme
Objective
The MSc programme in Finance aims to develop an academic level of professional and intellectual ability in finance. Students acquire knowledge of the scientific literature in the field of Finance and receive training in the methods and skills required to apply this knowledge. In the end students should be able to apply this knowledge and understanding to achieve critical independence in their thinking and originality in developing or applying ideas, concepts and theories. Finance is a subfield of Economics. Economics is the study of processes and institutions in relation to the use and distribution of scarce, alternatively applicable resources. The field of Finance at a micro level studies the optimal investment, financing and governance decisions within corporations (Corporate Finance) and banks (Banking) and at a macro level the pricing of financial securities, investment portfolio decisions and the organisation and functioning of financial markets at which these securities are traded (Asset Pricing/Asset Management) and the interaction of financial institutions and markets with the real economy. The specialisation Real Estate Finance focuses entirely on one particular financial market, such that graduates become specialists in the financial and economic aspects of commercial real estate. The specialization in Quantitative Finance focusses on data driven analysis applied to financial decision making. Students are trained for professions that apply this knowledge at an academic level. Although orientation towards a professional career in Finance is important, the main emphasis in the programme is on academic research based education. All graduates must specialize in one or more of the following fields of Finance: Corporate Finance, Banking and Regulation, Real Estate Finance, Quantitative Finance or Asset Management.

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

1. Knowledge-related exit qualifications
The programme provides knowledge of and insight into business-economic issues. Insight into these issues means that the graduate is able to analyse these based on theoretical concepts of economics, and is also able to be critical with respect to solutions chosen for problems in theory and practice and to develop alternative and well-founded solutions. Regarding the substantive knowledge, a level is
required that makes the student a specialist in the field or part of it. Detailed knowledge at a high academic level is combined with practical examples and applications.

K1 Extensive academic knowledge of central concepts that are used in finance, both theoretically as well as methodologically;
K2. Academic knowledge required to assess which research methodologies should be employed to answer a given research question and the ability to critically reflect on this;
K3. An understanding of the applicability, scope and limits of financial theories and methods in professional settings in both national and international context;
K4. Highly specialized knowledge in one of the following areas of specialisation; Banking and Regulation, Corporate Finance, Real Estate Finance, Asset Management or Quantitative Finance.

2. Skills-related exit qualifications:
S1. the ability to conduct independent original research with an abstract, academic character, which includes being able to formulate a hypothesis and a plan outlining the approach to and the execution of the research;
S2. the ability to report clearly and concisely, both orally and in writing, about research and practical applications in finance at an academic level;
S3. the ability to translate a problem from practice into a problem definition that can be analysed using methods from the field of finance and to translate the results of these analyses back to the practical setting;
S4. the ability to analyse key issues from the field within the chosen specialisations and the ability to creatively resolve associated problems.
S5. the ability to keep abreast of new developments in their field.

Attitude-related exit qualifications:
A1. insight into the social and ethical aspects of everyday financial decision making business practices and ability to reflect on these aspects and to apply this in financial decision making;
A2. the ability both to function independently and to cooperate constructively by leveraging diversity in multidisciplinary and international teams;
A3. a research oriented attitude.

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a. Corporate finance
   b. Investments
   c. Derivatives
   d. Econometrics
   Additionally, knowledge of accounting, macro-economics and micro-economics will be highly beneficial.
2. Applications are assessed by the Admissions Board.
3. In addition to the requirements listed in paragraph 1, the Admissions Board will assess the application on the following criteria:
   a. motivation, as evidenced by a motivation letter;
   b. being in good standing at previous institutions, as evidenced by a reference letter from an instructor at a previous institution;
   c. grade point average;
   d. GMAT / GRE score
4. The applicant has to meet all requirements before being allowed to enter the programme.
Article 3.2 Pre-Master’s programme
This Article of the model OER is not applicable.

Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
  a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
  b. 1 June for students with a Dutch diploma.

Article 3.5 English language requirement
  1. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
     a. Possess a Bachelor’s diploma from a Dutch research university (WO) or Dutch university of applied sciences (HBO)
     b. Possess a Bachelor’s diploma from a university located and accredited in Australia, Canada (with the exception of Quebec), Ireland, Malta, New Zealand, South Africa, United Kingdom or United States of America.
     c. Submit an Official Score Report of one of the following English proficiency tests with a test date not more than 2 years before the start of the programme and with the respective minimum scores:
        a. TOEFL-IBT
           i. Overall Score: 92 Points
           ii. Reading, Listening, Speaking, Writing: 20 points each
        b. IELTS (Academic version)
           i. Overall Score: 6.5 Points
           ii. Reading, Listening, Speaking, Writing: 6.0 points each
        c. Cambridge English: First
           i. Grade A
        d. Cambridge English: Advanced
           i. Grade C
        e. Cambridge English: Proficiency
           i. Grade C

4. Curriculum

Article 4.1 Components
  1. The programme consists of
     a. compulsory courses
     b. track-specific courses
     c. electives
     d. thesis

Article 4.2 Curriculum
Master’s programme Finance specialisation Asset Management, Banking and Regulation, Quantitative Finance and Corporate Finance
Master’s programme in Finance – specialisation Real Estate Finance

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
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<tr>
<td>6314M0280</td>
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</tr>
<tr>
<td>6314M0282</td>
<td>Ethics and Professional skills in Finance (1 EC)</td>
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</tr>
<tr>
<td>6314M0278</td>
<td>Financial Markets (5 EC)</td>
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<tr>
<td>6314M0281</td>
<td>Thesis Seminar Finance (4 EC)</td>
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<tr>
<td>6314M0277</td>
<td>Advanced Corporate Finance (5 EC)</td>
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<tr>
<td>6314M0300</td>
<td>Master internship Finance (15 EC)</td>
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</tr>
</tbody>
</table>

**List of compulsory courses**

The following course lists are also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
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<td>Master’s Thesis Asset Management (15 EC)</td>
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<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
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<tr>
<td>6314M0280</td>
<td>Empirical Methods in Finance (5 EC)</td>
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<td>Ethics and Professional skills in Finance (1 EC)</td>
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<tr>
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<td>Financial Markets (5 EC)</td>
<td>1</td>
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<td>6314M0281</td>
<td>Thesis Seminar Finance (4 EC)</td>
<td>4+5</td>
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<td>6314M0277</td>
<td>Advanced Corporate Finance (5 EC)</td>
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</table>

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### Master’s Programme in Finance

**List of compulsory courses**

*The following course lists are also included in the digital UvA Course Catalogue 2018-2019.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
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<tbody>
<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
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<td>Empirical Methods in Finance (5 EC)</td>
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<td>Ethics and Professional skills in Finance (1 EC)</td>
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<td>Financial Markets (5 EC)</td>
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<tr>
<td>6314M0281</td>
<td>Thesis Seminar Finance (4 EC)</td>
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<td>6314M0277</td>
<td>Advanced Corporate Finance (5 EC)</td>
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### Teaching and Examination Regulations Master’s degree programmes of Economics and Business 2018-2019
B7 Master’s Programme in Finance

<table>
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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>6314M0108</td>
<td>Derivatives (5 EC)</td>
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</tr>
<tr>
<td>6314M0350</td>
<td>Computational Finance (5 EC)</td>
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#### Compulsory Courses for the specialisation Banking and Regulation:

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<td>5+6</td>
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<td>6314M0285</td>
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<td>Derivatives (5 EC)</td>
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<td>Valuation (5 EC)</td>
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<td>Financial Regulation (5 EC)</td>
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</table>

Enrolment MSc Finance and participation in the Thesis Seminar Finance (6314M0281)

#### Compulsory Courses for the specialisation Corporate Finance:

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<th>Credits</th>
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<td>Master’s Thesis Corporate Finance (15 EC)</td>
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<td>5+6</td>
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<tr>
<td>6314M0286</td>
<td>Valuation (5 EC)</td>
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<tr>
<td>6314M0287</td>
<td>Corporate Governance (5 EC)</td>
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<td>6314M0285</td>
<td>Banking (5 EC)</td>
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</table>

Enrolment MSc Finance and participation in the Thesis Seminar Finance (6314M0281)

#### Compulsory Courses for the specialisation Quantitative Finance:

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<td>Advanced Investments (5 EC)</td>
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<tr>
<td></td>
<td>Advanced Risk Management (5 EC)</td>
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Enrolment MSc Finance and participation in the Thesis Seminar Finance (6314M0281)

#### Compulsory courses for the specialisation Real Estate Finance:

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>Master’s Thesis Real Estate Finance (15 EC)</td>
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<td>5+6</td>
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<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
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<tr>
<td>6314M0280</td>
<td>Empirical Methods in Finance (5 EC)</td>
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<tr>
<td>6314M0282</td>
<td>Ethics and Professional skills in Finance (1 EC)</td>
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<tr>
<td>6314M0296</td>
<td>Real Estate Finance (5 EC)</td>
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</table>

Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0293</td>
<td>Real Estate Markets and Analysis 1 (5 EC)</td>
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</tbody>
</table>
### Teaching and Examination Regulations

**Master’s degree programmes of Economics and Business 2018-2019**

**B7 Master’s Programme in Finance**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>6314M0295</td>
<td>Real Estate Markets and Analysis 2 (5 EC)</td>
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<tr>
<td>6314M0292</td>
<td>Real Estate Valuation (5 EC)</td>
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<tr>
<td>6314M0294</td>
<td>Advanced Real Estate Valuation (5EC)</td>
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</tr>
<tr>
<td>6314M0298</td>
<td>International Housing Markets (5 EC) or</td>
<td>4</td>
</tr>
<tr>
<td>6314M0353</td>
<td>Real Estate Investments (5 EC)</td>
<td>4</td>
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</tbody>
</table>

**Enrolment MSc Finance or MSc Business Economics specialisation Finance or Real Estate Finance at the UvA. Some courses are also accessible for students of other EB Master’s programmes, see the additions in the table above.**

**Master thesis courses in block 2+3 are only open to previous years students, that did not yet finish their thesis.**

*All courses of the MSc Finance require enrolment for the MSc Finance or MSc Business Economics specialisation Finance or Real Estate Finance at the UvA. Some courses are also accessible for students of other EB Master’s programmes, see the additions in the table above.*

Students wishing to record a dual track, either Asset Management or Corporate Finance and Real Estate Finance as specialisations, must complete the following study programme (on the transcript the dual track will be indicated as ‘Finance and Real Estate Finance’):

a. Real Estate Markets and Analysis 1+ 2 (5 + 5 EC);
b. Real Estate Valuation (5 EC)
c. Advanced Real Estate Valuation (5 EC);
d. Real Estate Finance (5 EC);
e. Real Estate Investments (5EC) or International Housing Markets (5 EC)
f. Applied Financial Econometrics (5EC)
g. Financial Markets (5 EC);
h. Empirical Methods in Finance (5 EC);
i. Advanced Corporate Finance (5 EC)
j. Thesis Seminar Finance (4 EC);
k. Ethics and Professional skills in Finance (1 EC)
l. Track specific courses of other specialisations (10 EC in total);
m. A Master’s thesis (15 credits) the subject of which must relate to both financial and real estate aspects and must have been approved by the appropriate Programme Directors (Master’s Thesis Finance and Real Estate Finance (6314M0302))

Based on the above, the programme for the two specialisations together must carry a minimum of 80 credits.

**Other double specialisation**

**Duisenberg Honours Program in Corporate Finance and Banking and Regulation (85 EC)**

The honours programme Corporate Finance and Banking and Regulation is designed for top talent with excellent analytical and leadership abilities and a fundamental drive to challenge the environment. The programme Corporate Finance and Banking and Regulation is based on learning at the frontiers of our knowledge in this field in addition to the best-practices methodology around corporate finance, banking and investment, commercial banking, and strategy consulting.

**Semester 1:**

- Financial Markets (5 EC)
- Applied Financial Econometrics (5 EC)
- Advanced Corporate Finance (5 EC)
- Derivatives (5 EC) or Corporate Governance (5 EC)
- Banking (5 EC)
Valuation (5 EC)
Empirical methods in Finance (5 EC)

**Semester 2:**
Financial Regulation (5 EC)
Fixed income and Risk management (5 EC) or International Corporate Finance (5 EC) or Corporate Restructuring (5 EC)
Behavioral Finance (5 EC)
Thesis Seminar Finance (4 EC)
Ethics and Professional skills in Finance (1 EC)
Master’s Thesis Corporate Finance or Master’s thesis Banking and Regulation (15 EC)
Master internship Finance (15 EC)

Based on the above, the programme for the two specialisations together must carry a minimum of 85 credits. Students only qualify for the honours programme if they satisfy the above criteria (except the internship) within one academic year and are enrolled for the internship (see 4.3 below) before the end of the academic year.

**Article 4.3 Practical training**
Students who are registered for the MSc Finance and who have finished 45 EC of their curriculum within the nominal timeframe given for the programme may do an internship for 15 EC. The internship must be completed within 6 months after the nominal timeframe for graduation. The procedure and learning objectives of the internship are described in the Course Catalogue. Special conditions apply for non-EU students. It is a student’s responsibility to find an internship.

**Article 4.4 Electives**

1. Students can take electives depending on the specialisation that they follow from the following list:

**For the specialisation Corporate Finance***:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0291</td>
<td>International Corporate Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance</td>
</tr>
<tr>
<td>6314M0327</td>
<td>Corporate Restructuring (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Real Estate Finance or MSc Econometrics</td>
</tr>
</tbody>
</table>

**For the specialisation Quantitative Finance***:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or Real Estate Finance or MSc Actuarial Science and Mathematical Finance or MSc Econometrics</td>
</tr>
</tbody>
</table>
### Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6134M0291</td>
<td>International Corporate Finance</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0327</td>
<td>Corporate Restructuring</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
</tbody>
</table>

**For the specialisation Asset Management***:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0353</td>
<td>Real Estate Investments (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Business Economics specialisation Finance / Real Estate Finance or MSc Econometrics</td>
</tr>
</tbody>
</table>

* All courses of the MSc Business Economics specialisation Finance or Real Estate Finance prequire enrolment for the MSc Finance or MSc Business Economics specialisation Finance or Real Estate Finance at the UvA. Some courses are also accessible for students of other EB Master’s programmes, see the additions in the table above.

2. Courses listed in the course list in Article 4.2 which are not part of the compulsory curriculum may also be included in the study programme as an elective. Entry requirements or capacity restrictions may apply.

**Article 4.5 Component enrolment requirements**

Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

**Article 4.6 Participation requirements**

See the Course Catalogue for attendance rules per course.

**Article 4.7 Exemptions**

A maximum of 12 credits in the Master’s curriculum may be accumulated through granted exemptions.

**Article 4.8 Validity period of examinations**

See article 4.8 of Part A.
Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
There are no transition arrangements for 2018-2019.

Please note that this programme is new starting in the academic year 2016-2017 and can only be followed by students who are admitted for the programme in academic year 2016-2017 or later. Students who were registered for the Master’s programme in Business Economics in academic year 2015-2016 or earlier and who have not yet finished, will not be admitted to the new Master’s programme in Finance and must re-enrol in the Master’s programme in Business Economics (crohonumber 60901; see B3). Students are not allowed to transfer courses passed with a Business Economics programme registration to the Master’s programme in Finance, also not by way of exemption.

Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018.

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
1. General provisions

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

Article 1.2 Programme characteristics
1. The MSc Fiscal Economics CROHO number 66402 is offered full-time in Dutch.
2. The programme has a workload of 60 EC.
3. The workload of the programme components is given in Chapter 4 of this Part

Article 1.3 Enrolment
The intake date for each of the study programme specialisations is 1 September. Students may also enrol on 1 February, but in that case the study programme cannot be fully completed within one year and the workload will not be spread evenly throughout the Academic year.

2. Programme content

Article 2.1 Aim of the programme
Objective
The course has the objective of educating students so that they possess a high-grade academic level of knowledge of the modern fiscal economics literature, as well as the ability to apply this knowledge adequately. Although orientation towards a career is important, academic education stands foremost. 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

1. Knowledge-related exit qualifications
The course offers knowledge and insight into both the national and international economic situation and opinions and discipline related global issues and trends. 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 and to develop by himself alternative solutions for which a sound basis exists. As regards substantive knowledge, a level is required which makes the student a specialist in the field, or part of it. Detailed knowledge at a high academic level is combined with practical examples and applications.

After successfully completing the course, students have the following knowledge:
K1. knowledge of tax accounting;
K2. knowledge of Taxation of Property;
K3. knowledge of financial reporting;
K4. knowledge of responsible processing of tax in declarations;
K5. knowledge of taxation of multinational companies
K6. knowledge of transfer pricing and international tax law.
2. Skills-related exit qualifications:
S1. the ability to conduct research with an abstract, academic character, including the formulation of a hypothesis and the seeking out of the necessary sources;
S2. the ability to report clearly and concisely, both orally and in writing, about research at an academic level.
S3. the ability to collaborate in an international environment.

3. Attitude-related exit qualifications:
A1. a multidisciplinary attitude;
A2. the ability both to function independently and to cooperate constructively within a team;
A3. an understanding of the social context within which Fiscal Economics is practised.
A4. appreciate the importance of culture and context in decision-making.

3. Admission

Article 3.1 Admission criteria
1. Applicants to the master programme need to show that they have obtained the following knowledge and skills at the level of an academic bachelor programme:
   a. Students holding a Dutch academic Bachelor's degree in Fiscal Economics or finished the Pre-Master’s programme Fiscal Economics at the University of Amsterdam are unconditionally eligible to the programme.
   b. Students holding a Dutch academic Bachelor's degree in Economics or Business Economics are conditionally eligible to the programme. See for the conditions Appendix I.
   c. Students who finished the Pre-Master’s programme Fiscal Economics at the University of Amsterdam are conditionally eligible to the programme. See for the conditions Appendix I.
2. The applicant has to meet all requirements before being allowed to enter the programme. Applications are assessed by the Admissions Board.

Article 3.2 Pre-Master’s programme
Pre-Master education is included in Appendix I of this document.

Article 3.3 Limited programme capacity
This Article of the model OER is not applicable.

Article 3.4 Application deadline
An application for admission to the study programme must be submitted to the EB Admission Office in the form of a digital registration by the following dates before the start of the academic year:
   a. 1 April for EU-students with a non-Dutch diploma and for students from non-EU countries;
   b. 1 June for students with a Dutch diploma.

Article 3.5 Dutch language requirement
A student whose previous education was not in a Dutch-speaking country must demonstrate that he or she has sufficient proficiency in Dutch in order to follow academic higher education successfully. This requirement can be met through the successful completion of one of the following examinations:
   – the state examination for Dutch as a Second Language, examination II (NT2 II);
   – or one of the documents mentioned in the list on the UvA website (www.uva.nl)
4. Curriculum

Article 4.1 Components
1. The programme consists of
   a. compulsory courses
   b. thesis

Article 4.2 Curriculum

<table>
<thead>
<tr>
<th>Course Name</th>
<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>Financiële Verslaggeving (6 EC)</td>
<td></td>
<td></td>
<td></td>
<td>Transfer Pricing (6 EC)</td>
<td>Corporate Tax Compliance (3 EC)</td>
<td>Master’s Thesis Fiscale Economie (12 EC)**</td>
</tr>
<tr>
<td>Vennootschapsbelasting voor het MKB (6 EC)*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiscaliteit en Vastgoed*** (6 EC)</td>
<td></td>
<td></td>
<td>Tax Compliance Formeel (3 EC)</td>
<td>Internationaal Belasting recht (9 EC)*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tax Accounting (9 EC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master’s Thesis Fiscale Economie (12 EC)**</td>
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<td></td>
</tr>
</tbody>
</table>

*These courses are provided by the Faculty of Law (Faculteit der Rechtsgeleerdheid or FdR). Enrolment for lectures as well as for interim and other examinations for these courses is in accordance with FdR regulations.
**The Master’s Thesis Fiscale Economie may be written at either EB or the FdR, subject to the consent of the Programme Director.

Course list
The following course list is also included in the digital UvA Course Catalogue 2018-2019.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0232</td>
<td>Master Scriptie Fiscale Economie (12 EC)</td>
<td>1-3*</td>
<td>4-6</td>
</tr>
<tr>
<td>3354COQ3V</td>
<td>Vennootschapsbelasting voor het MKB (6 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0186</td>
<td>Financiële Verslaggeving (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0340</td>
<td>Fiscaliteit en Vastgoed (6 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0208</td>
<td>Tax Accounting (9 EC)</td>
<td>2+3</td>
<td></td>
</tr>
<tr>
<td>6414M0210</td>
<td>Tax Compliance Formeel (3 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3354DIQ3V</td>
<td>Internationaal belasting recht en dividendbelasting (9 EC)**</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6414M0207</td>
<td>Vennootschapsbelasting (6 EC)***</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0185</td>
<td>Transfer Pricing (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0209</td>
<td>Corporate Tax Compliance (3 EC)</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

* Students can only start their thesis in the first semester with approval of the thesis coordinator.
**These courses are provided by the Faculty of Law (Faculteit der Rechtsgeleerdheid or FdR). Enrolment for lectures as well as for interim and other examinations for these courses is in accordance with FdR regulations.
*** Students that have not followed the course Vennootschapsbelasting in their pre-Master’s or Bachelor’s programme are obliged to follow the Master’s course Vennootschapsbelasting instead of Fiscaliteit en Vastgoed.

Article 4.3 Practical training
This article of the model OER is not applicable.

Article 4.4 Electives
Electives are not part of this master’s programme.
Article 4.5 Component enrolment requirements
Enrolment in a programme component may be subject to entry requirements. Any such requirements are stated in the course list in Article 4.2 of this Part.

Article 4.6 Participation requirements
See the Course Catalogue for attendance rules per course.

Article 4.7 Exemptions
A maximum of 18 credits in the Master’s curriculum may be accumulated through granted exemptions.

Article 4.8 Validity period of examinations
See article 4.8 of Part A.

Article 4.9 Degree
Students who have successfully completed their Master's examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

5. Transition and final provisions

Article 5.1 Adjustments and periodic review
1. Any amendment to 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 subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transition arrangements
Students that did not pass the bachelor course Vennootschapsbelasting (6012B0344) in their pre-Master’s or Bachelor’s programme and did not yet pass the master’s course Vennootschapsbelasting (6414M0207), are obliged to follow this master’s course in the Master's programme instead of the course Fiscaliteit en Vastgoed (6414M0340).

Students who started before 01 September 2018 with the Master’s programme Fiscal Economics and who have not yet passed the old course, must follow the new course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belastingheffing van Concerns (3364CON3V, period 4)</td>
<td>Vennootschapsbelasting voor het MKB (3354COQ3V, period 2)</td>
</tr>
<tr>
<td>Internationaal belastingrecht en dividendbelasting (3364DIV3V)</td>
<td>Internationaal belastingrecht en dividendbelasting (3354DIQ3V)</td>
</tr>
</tbody>
</table>
Article 5.3 Publication
1. The Dean shall ensure appropriate publication of these Regulations, as well as of any adjustments to them.
2. The regulations are set out in the digital UvA Course Catalogue for each programme (studiegids.uva.nl).

Article 5.4 Effective date
This regulation comes into force as of 1 September 2018.

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 15 July 2018
Business Administration (OC-BA), date: 23 July 2018
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 12 June 2018

Advice of the Works Council (OR), date: 14 March 2018
Advice of and approved by the Faculty Student Council (FSR), date: 6 July 2018

Adopted by the Dean of the Faculty of Economics and Business on 15 July 2018
Appendix I: Pre-Master’s programmes

1. MSc Fiscale Economie pre-Master’s programmes

Students who have not obtained an academic BSc Fiscal Economics (Fiscale Economie) degree may be admitted to the MSc Fiscale Economie degree programme under certain conditions. There are two possibilities for this: either directly but under conditions (on the basis of a completed academic Bachelor's or Master's degree Economie or Bedrijfseconomie) or via one of the Fiscale Economie Pre-Master's programmes (on the basis of a completed programme from a University of Applied Sciences).

Rechtstreekse instroom (onder voorwaarden) Fiscale Economie (instroom vanuit Academische BSc; Economie of Bedrijfseconomie)

Students who have successfully completed an academic Bachelor’s or Master’s degree programme in Economics or Business Economics, with a degree certificate awarded not longer than one year prior and comprising the following courses (or similar and equivalent courses):

<table>
<thead>
<tr>
<th>Blk 1</th>
<th>Blk 2</th>
<th>Blk 3</th>
<th>Blk 4</th>
<th>Blk 5</th>
<th>Blk 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vennootschapsbelasting (6 EC)</td>
<td>Belasting Toegevoegde Waarde BTW (6 EC)</td>
<td>Ondernemingsrecht (6 EC)</td>
<td>Fiscale winstberekening (6 EC)</td>
<td>Belastingheffing DGA (6 EC)</td>
<td></td>
</tr>
<tr>
<td>Inleiding Belastingheffing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algemeen (6 EC)</td>
<td></td>
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</tr>
</tbody>
</table>

are permitted to enter the MSc Fiscale Economie directly. In the case that courses indicated in the above overview were not taken as part of this completed academic Bachelor’s or Master’s degree programme, students are required to pass these courses in the Pre-MSc phase in order to enter the MSc Fiscale Economie.

Pre-MSc (pre-Master’s programme) Fiscale Economie (transfer from specific HBO programmes)

Article 1 Aim of the pre-Master’s programmes

Pre-Master's preparatory education is no longer subsidised by the government. As a transitional arrangement, the University of Amsterdam still offers pre-Master’s programmes of limited scope for a price equal to the statutory tuition fees. This may appeal to students with a Dutch HBO (higher professional education) degree certificate. Working towards admission to the MSc Fiscale Economie, students may register for the Fiscale Economie pre-Master’s programme. Completing elements of this pre-Master’s programme will enable students to eliminate their deficiencies. It should be explicitly noted that completing this programme does not infer any rights in itself; all deficiencies as determined by the Programme Director of the MSc Fiscale Economie will need to be eliminated.

Students who register for the pre-Master’s programme are – based on their registration – solely entitled to take the courses offered within this programme. Students are permitted to participate in a
course once, and are also entitled to participate in the next resit. A student’s registration to this programme does not entitle them to participate in education offered in other programmes, not even as a student taking an optional course. Students are therefore always required to register for courses outside of this programme individually, for example, via CEB (Contract Teaching in Economics and Business) or through participation in another programme.

Article 2.1 Curriculum

Pre-MSc (pre-Master’s programme) Fiscale Economie
(transfer from HBO FE)

Students who have successfully completed an HBO (higher professional education) programme in Fiscale Economie or Fiscaal Recht en Economie, with a degree certificate awarded not longer than one year prior and which satisfies the below requirements, may transfer to the MSc Fiscale Economie once they have successfully completed the below pre-Master’s programme.

The HBO degree certificate must satisfy the following requirements:

- Passed with an average mark of at least 7.0
- Students are required to have passed Mathematics A or B at VWO level (pre-university education) or Mathematics B at HAVO level (Senior General Secondary Education) successfully.

<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>Vennootschapsbelasting (6 ECTS)</td>
<td>Belasting Toegelijkt Waarde (BTW) (6 ECTS)</td>
<td>Ondernemingsrecht (6 ECTS)</td>
<td>Fiscale winstberekening (6 ECTS)</td>
<td>Belastingheffing DGA (6 ECTS)</td>
<td></td>
</tr>
</tbody>
</table>

Pre-MSc (pre-Master’s programme) Fiscale Economie
(transfer from HBO AA/RA/AC or BE)

Students who have successfully completed an HBO (higher professional education) programme in AA/RA/AC or BE, with a degree certificate awarded not longer than one year prior and which satisfies the below requirements, may transfer to the MSc Fiscale Economie once they have successfully completed the below pre-Master’s programme.

The HBO degree certificate must satisfy the following requirements:

- Passed with an average mark of at least 7.0
- At least 8 ECTS credits gained from Fiscal courses (when registering it should be explicitly stated which fiscal courses are concerned. It is then up to the Fiscale Economie programme director to determine whether these courses are of sufficient fiscal relevance);
- Students are required to have passed Mathematics A or B at VWO level (pre-university education) or Mathematics B at HAVO level (Senior General Secondary Education) successfully.
Pre-MSc (pre-Master’s programme) Fiscale Economie (transfer from HBO MER)

From 1/9/2016, it is no longer possible to transfer from HBO Bedrijfskunde MER. Students with an HBO Bachelor’s in MER who were admitted to the Fiscale Economie pre-Master’s programme before 1/9/2016 may be admitted to the Master’s degree programme until 1/9/2017 once they have eliminated their determined deficiencies.

Article 2.2 Assumed prior knowledge for Belastingheffing and corresponding written declaration

From 1/9/2016 until 1/9/2017 it was assumed that students have the basic prior knowledge required for the Inleiding Belastingheffing Algemeen (6012B0225) and Inleiding Belastingheffing Ondernemingen (6012B0226) courses. Students were required to acquire this knowledge prior to the FE pre-Master’s programme, either through their academic study or another means, including self-study. The desired final level is outlined in the course descriptions of the aforementioned courses; these are available in the UvA Course Catalogue.

Article 2.3 Exemptions

It is not possible to request exemptions within the curriculum of one of the pre-Master’s programmes.

Article 2.4a Admission from BSc Bedrijfskunde

From 1/9/2017, it is no longer possible to transfer from the BSc Bedrijfskunde. Students with a BSc Bedrijfskunde who were admitted to the FE pre-Master’s programme before 1/9/2017 could still be admitted to the Master’s programme up until 1/9/2018, after having completed their determined deficiencies.

Article 2.5 Prior knowledge of Finance

From 1/9/2016, prior knowledge of finance is only recommended.

Article 3 Entry requirements

Students are permitted to participate in this programme once, based upon a completed degree programme in a relevant discipline. This means that, should a student not pass a course during their initial registration (including potential resit), they will be directed to contract teaching in order to eliminate any remaining deficiencies. It should be explicitly noted that it is not possible for a student to take additional resits within their one-off participation in this programme.

Article 4 Transfer to MSc Fiscale Economie

Completing the pre-Master’s programme in itself does not guarantee admission to the MSc Fiscale Economie. Admission to the MSc Fiscale Economie is subject to the elimination of all deficiencies.
as determined by the Programme Director of the MSc Fiscale Economie. The entry requirements for the MSc Fiscale Economie are outlined in the EB MSc Teaching and Examination Regulations (OER), in appendix B.8.

Article 5 Transitional arrangement
Students who started the Fiscale Economie pre-Master’s programme in the 2015-2016 academic year or earlier, without Vennootschapsbelasting, may be admitted to the Fiscale Economie Master’s programme up until 1 September 2017 at the latest (without Vennootschapsbelasting), provided that they replace Fiscaliteit & Vastgoed with Vennootschapsbelasting in their Master’s programme for the 2017-2018 academic year.

Students who, after entering with a BSc Economie or Bedrijfseconomie, started deficiency courses working towards the MSc Fiscale Economie before 01 September 2017 are not required to pass the Inleiding Belastingheffing Algemeen (6012B0225) course or an equivalent course.

HBO Students who started the Fiscale Economie pre-Master’s programme before 01 September 2017 are not required to pass the Ondernemingsrecht (6012B0245) course.
## 2. MSc Accountancy & Control pre-Master’s programme

### Article 1 Aim of the programme
Pre-Master’s education is no longer subsidised by the government. As a transitional arrangement, the University of Amsterdam still offers pre-Master’s programmes of limited scope for a price equal to the statutory tuition fees. This may appeal to students with a Dutch HBO (higher professional education) degree certificate. Working towards admission to the MSc Accountancy & Control, students may register for the MSc Accountancy & Control pre-Master’s programme. Completing elements of this pre-Master’s programme will enable students to eliminate their deficiencies. It should be explicitly noted that completing this programme does not infer any rights in itself; all deficiencies as determined by the Programme Director of the MSc Accountancy & Control will need to be eliminated.

Students who register for the pre-Master’s programme are – based on their registration – solely entitled to take the courses offered within this programme. Students are permitted to participate in the courses in this programme once in the academic year in which they are admitted, and are also entitled to participate in the next resit. A student’s registration to this programme does not entitle them to participate in education offered in other programmes, not even as a student taking an optional course. Students are therefore always required to register for courses outside of this programme individually, for example, via CEB (Contract Teaching in Economics and Business) or through participation in another programme.

### Article 2 Curriculum
The following components are offered as part of the full-time MSc Accountancy & Control pre-Master’s programme.

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
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<tbody>
<tr>
<td>Management Research Methods 1 for Accountancy &amp; Control (6012S0046)</td>
<td>Management Research Methods 2 for Accountancy &amp; Control (6012S0048)</td>
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<tr>
<td>Internal Control (6012S0021)</td>
<td>Inleiding Belastingheffing voor Accountancy &amp; Control (6012S0023)</td>
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<tr>
<td>Introduction to Quantitative Methods (6012S0020)*</td>
<td>Academic Project for Accountancy &amp; Control (6012S0022)</td>
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<td>Auditing (6012S0047)**</td>
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* Only students who do not satisfy the following requirements are required to take the Introduction Quantitative Methods course: Mathematics at VWO level (pre-university education), or a pass mark for Mathematics B (or Mathematics B1 and B2) at HAVO level (Senior General Secondary Education).

** The Auditing course is offered for students participating in the pre-Master’s programme as part of a minor with entry requirements.

### Course list

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Period</th>
<th>Entry requirement</th>
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<tbody>
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<td>6012S0047</td>
<td>Auditing</td>
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<td>6012S0022</td>
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<tr>
<td>6012S0023</td>
<td>Inleiding Belastingheffing voor Accountancy &amp; Control</td>
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</table>
**Article 2.1 Composition of curriculum**

Students with HBO Accountancy as their prior education are required to take the following courses:
1. Management Research Methods 1 for Accountancy & Control
2. Management Research Methods 2 for Accountancy & Control
3. Academic Project for Accountancy & Control
4. Introduction Quantitative Methods.

Students with HBO Bedrijfseconomie as their prior education are required to take the following courses:
1. Management Research Methods 1 for Accountancy & Control
2. Management Research Methods 2 for Accountancy & Control
3. Academic Project for Accountancy & Control
4. Introduction Quantitative Methods
5. Internal Control
6. Inleiding Belastingheffing for Accountancy & Control.

Students participating in the pre-Master’s programme as part of a follow-on minor are required to take the following courses:
1. Management Research Methods 1 for Accountancy & Control
2. Management Research Methods 2 for Accountancy & Control
3. Academic Project for Accountancy & Control
4. Auditing
5. Internal Control
6. Inleiding Belastingheffing for Accountancy & Control.

**Article 2.2 Introduction Quantitative Methods**

Only students who do not satisfy the following requirements are required to take the Introduction Quantitative Methods course: Mathematics at VWO level (pre-university education), or a pass mark for Mathematics B (or Mathematics B1 and B2) at HAVO level (Senior General Secondary Education).

**Article 2.3 Exemptions**

It is not possible to request exemptions within the curriculum.

**Article 3 Entry requirements**

Students are permitted to participate in this programme once, based upon a completed Bachelor’s degree programme in a relevant discipline. This means that, should a student not pass a course during their initial registration (including potential resit), they will be directed to contract teaching in order to eliminate any remaining deficiencies. It should be explicitly noted that it is not possible for a student to take additional resits within their one-off participation in this programme.
**Article 4 Transfer to MSc Accountancy & Control**

1. Completing the pre-Master’s programme in itself does not guarantee admission to the MSc Accountancy & Control: dependent on the student’s prior education, additional deficiencies may be determined in addition to the curriculum stated in Article 2. The deficiencies are determined based on the entry requirements for the MSc Accountancy & Control as outlined in appendix B.1. of the EB MSc Teaching and Examination Regulations (OER).

2. Following successful completion of the pre-Master’s programme and any additional deficiencies, students may be admitted to the Master’s programme up to 18 months after the start of the pre-Master’s programme. Following this period, alterations to the pre-Master’s programme may result in additional deficiencies, which the student is then required to eliminate before they can be admitted to the Master’s degree programme.
3. Pre-Master’s programme MSc Business Administration (fulltime)

Article 1 Objective
The pre-Master’s programme in Business Administration is provided as a pre-Master’s programme for the regular Master’s programme in Business Administration. The premaster aims to prepare students for the master programme with advanced courses in business administration and business research methods. The standards for the content and level of these courses are based on the bachelor programme in Economics and Business.

Article 2 Programme
The premaster programme is offered in the first semester only and is taught in English.

<table>
<thead>
<tr>
<th>Period 1</th>
<th>Period 2</th>
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<tbody>
<tr>
<td>Management Research Methods 1</td>
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<tr>
<td>Administration</td>
<td>for Business Administration</td>
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<tr>
<td>Academic Project</td>
<td>Leadership and Management</td>
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<td>Marketing Management</td>
<td>Strategy and Organization</td>
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Vakkenlijst

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<td>6012S0051</td>
<td>Leadership and Management</td>
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<td>Management Research Methods 1</td>
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<td>6012S0049</td>
<td>Management Research Methods 2</td>
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</table>

1. A study programme of 30 credits is intended for students with a related HBO Bachelor’s degree.
2. A study programme of 15 credits (Leadership and Management, Marketing Management and Strategy and Organization) is intended for students holding a specific academic Bachelor’s and/or Master’s degree in:
   1. Fiscal or General or Organisational Economics
   2. Business Economics
   3. Sociology
   4. Communication Science
   5. Political Science
   6. Planning
   7. Management and Policy and Organisation
   8. Exact Sciences.
3. A study programme of 10 credits (Management Research Methods 1 and Management Research Methods 2) is intended for students with a Dutch academic Bachelor including a minor in business administration or at least 15 EC of advanced courses in Business Administration with less than 10 EC in quantitative research courses.
Article 3 Admission
The pre-Master’s programme is for students with a relevant higher professional (HBO) diploma and for students with a non-related, university Bachelor’s degree. Students can enroll only once and should not have been enrolled in a similar premaster programme from another university before. Capacity restrictions may apply; meeting the entry requirements is no guarantee for being admitted to the programme.

HBO graduates
For HBO graduates, the following entry requirements apply to admission to the regular Business administration pre-Master’s programme:

4. a minimum of 45 credits for post-propaedeutic Business-related courses at HBO level, Business-related research methods, statistics and mathematics are also considered relevant; internships or work-related experience is not relevant.
5. a minimum GMAT score of 600 or a GPA of 7.5 or higher.
6. Sufficient level of mathematics
   1. HAVO degree with a sufficient grade for mathematics B1 of B2
   2. VWO degree with mathematics
   3. VWO certificate in mathematics

University Bachelor graduates
The programme director may add or remove bachelor programmes from the list as mentioned in article 2, or allow or deny access of students, based on an assessment of the relevance of the curriculum for the Master programme.

Article 4 Conditions

Validity period for the pre-Master’s programme in Business Administration

The pre-Master’s programme in Business Administration must be completed within one semester. If a student does not pass all courses within one semester then he/she shall not be able to enter the Master’s programme on the grounds of a pre-Master’s programme in Business Administration at EB for a period of three years. Courses already passed will become invalid. Students who do complete a pre-Master’s programme in Business Administration within one semester shall be admitted unconditionally to the Master’s programme in Business Administration up to and including the Academic year following completion of the pre-Master’s programme. In the event of a student desiring to enter at a later date, the Director of the appropriate Graduate School reserves the right to redefine the deficiencies for the Master’s programme.
Appendix II

Overzicht artikelen waarvan in de WHW is bepaald dat deze in de OER moeten worden opgenomen (omkaderde artikelen):

<table>
<thead>
<tr>
<th>Deel A</th>
<th>7.13 lid 1 WHW</th>
<th>7.13 lid 2 sub w</th>
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Appendix III

Overzicht richtlijnen ex. 9.5 WHW UvA:

*De indeling is een format dat als richtlijn is vastgesteld:* datum besluit: 20 november 2012
in werking getreden: 1 september 2013

**Deel A**

art. 4.5 lid 3  *laatste uitslag geldt*  datum besluit: 14 februari 2008
in werking getreden: 14 maart 2008

art. 4.6  *Cijfers*
(5,5 als voldoendegrens)  datum besluit: 14 februari 2008
in werking getreden: 14 maart 2008

(5,1 t/m 5,9 worden niet gegeven als
eindcijfer)  datum besluit: 27 januari 2014
in werking getreden: 1 september 2014

art. 4.13  *Fraude en plagiaat*  datum besluit: 25 mei 2010
in werking getreden: 1 september 2011

**Deel B**

art. 3.1 lid 6  *Ingangseisen masteropleiding*  datum besluit: 22 juni 2006
in werking getreden: 22 juni 2006
ingetrokken per 1 september 2014
Appendix IV: Rules and Guidelines of the Examinations Board 2018-2019

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.

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

Article 1 Applicability
Article 1.1 – Applicability of the regulations
Rules and Guidelines as described in 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 they began the degree programme.

- Bachelor of Science Actuariële Wetenschappen
- Bachelor of Science Business Administration
- Bachelor of Science Economie 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 Verzekeringskunde
- 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:
Article 1.2 – General
1. The concepts described in the OER that apply to the programme in question also apply to these regulations. Other concepts are defined in accordance with legislation.
2. In the case that a provision in these regulations conflicts with a provision from the OER applying to the programme in question, the provision from the OER will prevail.

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

Article 2.2 – Tasks of the Examinations Board
The tasks of the Examinations Board are provided 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 & 2 or postdoctoral teacher/researcher 3 & 4.

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

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

*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 they have been appointed as examiner. The examiner is also authorised to advise regarding exemptions and recommendations relating to components passed at a different Dutch or foreign university.

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. 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.
2. During the examination, there should be at least one expert present or reachable by phone who is
able to answer discipline-related and exam-technical questions in the area of the examination being held.

3. Should a number of invigilators be present at the examination, one chief invigilator is appointed to take final responsibility.

4. It is obligatory for a student, when required to do so by an examiner or invigilator, to show proof of identity in the form of a valid UvA student ID card and another valid form of ID. If the student is unable to produce proof of identify, they may be denied entry to the examination.

5. Latecomers may be admitted to an examination up a maximum of thirty minutes after the start of the examination. If, due to circumstances beyond their control, a student is unable to be present within this time limit, the examiner can decide whether the student may still be admitted to the examination. After participants have left the hall, latecomers will no longer be admitted to the examination.

6. Students may not leave the room where the examination is being held within thirty minutes of the start of the examination. Moreover, the examiner can decide that students are not permitted to leave the room where the examination is being held in the final fifteen minutes of the examination.

7. Students should have only a pen, pencil and eraser as aids on their table, unless supplementary aids are indicated on the cover page of the examination. Information about supplementary aids will be given in lectures. Mobile telephones or other electronic equipment should be switched off and stored in a bag or briefcase next to the examination table. The bag or briefcase should be closed.

8. The use of graphing and/or programmable calculators during an examination is never permitted, unless it is explicitly stated on the cover page of the examination that their use is permitted.

9. The use of a dual-language dictionary (without added annotations) for English terms is permitted.

10. During examinations lasting two hours or less, candidates are not permitted to make trips to the lavatory, unless the chief invigilator gives permission for this. In this case, the student should follow the instructions of the chief invigilator. During a trip to the lavatory, a student is not allowed to speak or be in possession of impermissible aids.

11. Students who fail to comply with the rules on aids provided in paragraphs 8, 9 and 10 can be barred from participating further in the examination concerned. Sanctions may also be imposed on the grounds of the ‘Regulations governing Fraud and Plagiarism for UvA students.’

12. The instructions that are provided by the Examinations Board and/or the examiner or (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 and/or the examiner from further participation in the examination concerned.

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 on the answer sheet.

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.

**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. 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 afstudfirstun 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;
   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’ or ‘with distinction’ can be awarded.

1. A Bachelor’s student has performed excellently (cum laude) if the following conditions are met:
   a. the weighted average of all parts of the examination is at least 8.0;
   b. the result for the Bachelor’s thesis is at least 8.0;
   c. there are no resits for any course. A NA registration is not seen as an exam attempt;
   d. exemptions have been granted for a maximum of 30 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, he or she has the option of submitting an appeal against this decision within six weeks to the Examinations Appeals Board. The appeals procedure can be found at [www.uva.nl](http://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 2018.

Adopted on 21-06-2018 by the Examinations Board for the degree programmes stated in Article 1.1 of these regulations.