University of Amsterdam
Economics and Business

Teaching and Examination Regulations (OER)
2019-2020

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
2019-2020
Section A: Faculty section ........................................................................................................................................... 1

1. General provisions .................................................................................................................................................. 1
   Article 1.1 Applicability of the Regulations ........................................................................................................... 1
   Article 1.2 Definitions ............................................................................................................................................. 1

2. Previous education and admission ......................................................................................................................... 2
   Article 2.1 Previous education ................................................................................................................................ 2
   Article 2.2 Registration and enrolment ..................................................................................................................... 2
   Article 2.3 Faculty Admissions Board ................................................................................................................... 3
   Article 2.4 Admissions procedure .......................................................................................................................... 3
   Article 2.5 Refusal or termination of enrolment (unsuitability/iudicium abeundi) ................................................... 3

3. Degree programme structure ............................................................................................................................... 3
   Article 3.1 Structure of academic year .................................................................................................................. 3
   Article 3.2 Programme structure .......................................................................................................................... 3

4. Examinations .......................................................................................................................................................... 3
   Article 4.1 Signing up for examinations ................................................................................................................ 3
   Article 4.2 Type of examination ............................................................................................................................ 4
   Article 4.3 Oral examinations ................................................................................................................................ 4
   Article 4.4 Determining and announcing results ................................................................................................. 5
   Article 4.5 Opportunities to sit examinations ..................................................................................................... 5
   Article 4.6 Marks ..................................................................................................................................................... 6
   Article 4.7 Exemption ............................................................................................................................................. 6
   Article 4.8 Validity period for results ..................................................................................................................... 6
   Article 4.9 Right of inspection ............................................................................................................................... 6
   Article 4.10 Master’s final examination ................................................................................................................ 7
   Article 4.11 Degree certificate and transcript ....................................................................................................... 7
   Article 4.12 Fraud and plagiarism ........................................................................................................................ 7

5. Study supervision and study progress .................................................................................................................... 7
   Article 5.1 Administration of study progress and academic student counselling ................................................. 7
   Article 5.2 Adaptations for students with a disability ......................................................................................... 7

7. Hardship clause ....................................................................................................................................................... 8
   Article 7.1 Hardship clause .................................................................................................................................. 8

8. Transitional and final provisions ........................................................................................................................ 8
   Article 8.1 Amendments to and periodic review of Section A ............................................................................ 8
   Article 8.2 Transitional provisions ....................................................................................................................... 8
   Article 8.3 Publication .......................................................................................................................................... 8
   Artikel 8.4 Effective date .................................................................................................................................... 9

Deel B: opleidingsspecifiek deel ............................................................................................................................ 10
B1 Master’s Programme in Accountancy and Control ......................................................................................... 10
# Teaching and Examination Regulations Master’s degree programmes of Economics and Business

## Contents

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 Administration** ........................................................................ 23
1. General provisions .............................................................. 23
2. Programme content ......................................................... 23
3. Admission ........................................................................ 24
4. Curriculum ......................................................................... 25
5. Transition and final provisions ............................................. 30

**B4 Master’s programme in Business Economics** ........................................................................ 32
1. General provisions .............................................................. 32
2. Programme content ......................................................... 32
3. Admission ........................................................................ 33
4. Curriculum ......................................................................... 35
5. Transition and final provisions ............................................. 38

**B5 Master’s programme in Econometrics** ................................................................................ 39
1. General provisions .............................................................. 39
2. Programme content ......................................................... 39
3. Admission ........................................................................ 40
4. Curriculum ......................................................................... 41
5. Transition and final provisions ............................................. 45

**B6 Master’s programme in Economics** ................................................................................ 47
1. General provisions .............................................................. 47
2. Programme content ......................................................... 47
3. Admission ........................................................................ 48
4. Curriculum ......................................................................... 49
5. Transition and final provisions ............................................. 52

**B7 Master’s programme in Finance** ................................................................................ 54
1. General provisions .............................................................. 54
2. Programme content ......................................................... 54
3. Admission .................................................................................................................. 55
4. Curriculum ................................................................................................................ 56
5. Transition and final provisions .............................................................................. 61

B8 Master’s programme in Fiscal Economics .......................................................... 63
  1. General provisions .................................................................................................. 63
  2. Programme content ............................................................................................... 63
  3. Admission .............................................................................................................. 64
  4. Curriculum ............................................................................................................ 65
  5. Transition and final provisions .............................................................................. 66

Appendix I: Pre-Master’s programmes ..................................................................... 68
  1. MSc Fiscal economics pre-Master’s programmes .................................................. 68
  2. MSc Accountancy & Control pre-Master’s programme ........................................ 71
  3. Pre-Master’s programme MSc Business Administration (fulltime) ...................... 74

Appendix II ................................................................................................................... 76
Appendix III .................................................................................................................. 77
Appendix IV: Rules and Guidelines of the Examinations Board 2019-2020 ............... 78

This Education and Examination Regulations (OER) is based on the model OER dated 3 July 2018.
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 2019-2020
Part 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 4.2. 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/vakaammelden.

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 examination, resits or inspection.

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 and need to be posted on Canvas.

Article 4.3 Oral examinations

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

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

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

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 (at the first deadline).
- 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 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 five working days between this announcement and the time of the inspection. The student who attends the inspection is entitled to get feedback on his written examination.
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 will be issued with a copy of the marked work at his or her request.
5. During the inspection as mentioned in paragraph 1, students may also inspect their interim examinations. Furthermore, an opportunity will be offered to receive interim (collective) feedback on interim examinations before the final examination for the course in question is held.
Article 4.10 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 4.11 Degree certificate and transcript
1. The Examinations Board grants a degree certificate as proof that the student has passed his or her final examination. The Executive Board sets the model for the degree certificate. The Examinations Board adds a supplement to the degree certificate providing information on the nature and content of the degree programme completed. The supplement is drawn up in Dutch or English and complies with the European format.
2. Individuals who have successfully completed at least one 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 4.12 Fraud and plagiarism
1. The provisions of the UvA Regulations governing Fraud and Plagiarism for UvA Students apply in full.
2. Electronic detection programs 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 Effective date

This regulation comes into force as of 1 September 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
Deel B: opleidingsspecifiek deel

B1 Master’s Programme in 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 enroll 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. Students holding a Bachelor's degree in Economics and Business specialisation Accountancy and Control of the University of Amsterdam 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
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: 22 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English:
      170 points overall and in each sub-category on either a
      • Cambridge Certificate in Advanced English (CAE) or
      • Cambridge Certificate of Proficiency in English (CPE)

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>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>IFRS 1 (5 EC)</td>
<td>Accounting Information Systems (5 EC)</td>
</tr>
<tr>
<td>Management Control (5 EC)</td>
<td>Internal Control &amp; Risk Management (5 EC)</td>
</tr>
<tr>
<td>Sustainability, Accountability and Ethics (5 EC)</td>
<td>Assurance (5 EC)</td>
</tr>
<tr>
<td>Accounting Research Seminar &amp; Professional Skills (5 EC)</td>
<td>Master’s Thesis Accountancy &amp; Control</td>
</tr>
</tbody>
</table>

Master’s programme in Accountancy and Control – specialisation Control

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>IFRS 1 (5 EC)</td>
<td>Accounting Information Systems (5 EC)</td>
</tr>
<tr>
<td>Management Control (5 EC)</td>
<td>Internal Control &amp; Risk Management (5 EC)</td>
</tr>
<tr>
<td>Sustainability, Accountability and Ethics (5 EC)</td>
<td>Corporate Financial Management (5 EC)</td>
</tr>
<tr>
<td>Accounting Research Seminar &amp; Professional Skills (5 EC)</td>
<td>Master’s Thesis Accountancy &amp; Control</td>
</tr>
</tbody>
</table>
Course list*
The following course list is also included in the digital UvA Course Catalogue 2019-2020.

<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>Accounting Research Seminar &amp; Professional Skills</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4+5+6</td>
<td>(6314M0331)</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>
<td></td>
</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>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0034</td>
<td>Management Accounting (5 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0032</td>
<td>Management Control (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0033</td>
<td>Management Control Research (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0331</td>
<td>Accounting Research Seminar &amp; Professional Skills (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></td>
<td>Master internship Accountancy &amp; Control (15 EC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0271</td>
<td>EC</td>
<td></td>
<td>See article 4.3 Practical training</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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 started before 01 September 2019 with the Master’s programme 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>Research Seminar Accountancy &amp; Control (5 EC)</td>
<td>Accounting Research Seminar &amp; Professional Skills (5 EC)</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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
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, aimed 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 econometricists, 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**

2. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:

   d. Possess a Bachelor’s diploma from a Dutch research university (wo) or Dutch university of applied sciences (hbo)

   e. 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.

   f. 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: 22 points each

      b. IELTS (Academic version)
         i. Overall Score: 6.5 Points
         ii. Reading, Listening, Speaking, Writing: 6.0 points each

      c. Cambridge English:
         170 points overall and in each sub-category on either a
         • Cambridge Certificate in Advanced English (CAE) or
         • Cambridge Certificate of Proficiency in English (CPE)

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
Teaching and Examination Regulations Master’s degree programmes of Economics and Business 2019-2020
Part B2 Master’s Programme in Actuarial Science and Mathematical Finance

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>Period 1</td>
<td>Period 2</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>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Non-Life Insurance: Statistical Techniques (6 EC)</td>
<td>Banking Risk Management (7 EC)</td>
</tr>
</tbody>
</table>

Recommended electives are included in the digital UvA Course Catalogue 2019-2020. 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 and Ageing (6414M0300; previously Actuarial Science of Pensions) or the bachelors course Pensioen Actuarialaat (6012B0298), and the course Retirement Savings and Investment Decisions (6414M0301; previously Caput Financing of Pensions), 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 2019-2020.

Actuarial Science and Mathematical Finance - general specialisation*:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0279</td>
<td>Master's Thesis Actuarial Science and Mathematical</td>
<td>1-2</td>
</tr>
<tr>
<td></td>
<td>Finance: General (15 EC)</td>
<td>4-6</td>
</tr>
<tr>
<td>6414M0214</td>
<td>Asset Liability Management – Cases (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6414M0211</td>
<td>Financial Mathematics for Insurance (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0213</td>
<td>Non-Life Insurance: Statistical Techniques (6 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6414M0212</td>
<td>Risk Management for Insurers and Pensions (6 EC)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Compulsory courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0279</td>
<td>Master's Thesis Actuarial Science and Mathematical</td>
<td>1-2</td>
</tr>
<tr>
<td></td>
<td>Finance: General (15 EC)</td>
<td>4-6</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0300</td>
<td>Actuarial Science of Pensions and Ageing (6 EC)**</td>
<td>2</td>
</tr>
</tbody>
</table>

**Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0302</td>
<td>Principles of the Mathematics and Economics of Risk I</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>(3 EC)</td>
<td></td>
</tr>
<tr>
<td>6414M0303</td>
<td>Principles of the Mathematics and Economics of Risk II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>(2 EC)</td>
<td></td>
</tr>
<tr>
<td>6414M0301</td>
<td>Retirement Savings and Investment Decisions (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Banking Risk Management (7EC)</td>
<td></td>
</tr>
<tr>
<td>6414M0271</td>
<td>Machine Learning for Econometrics (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0219</td>
<td>Quantitative Marketing (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0220</td>
<td>Caput Insurance (6 EC)</td>
<td>4+5</td>
</tr>
<tr>
<td>6414M0013</td>
<td>Stochastic Calculus (5 EC)</td>
<td>4+5</td>
</tr>
<tr>
<td>6414M0215</td>
<td>Verzekerings- en Pensioenrecht*** (6 EC, taught in</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Dutch)</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 and Ageing (6414M0300) cannot be included in the programme if the course Pensioen Actuarialaat (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>18 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>6414M0302</td>
<td>Principles of the Mathematics and Economics of Risk I (3 EC)</td>
<td>6</td>
<td>Enrolment MSc Finance or MSc Actuarial Science and Mathematical Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6414M0303</td>
<td>Principles of the Mathematics and Economics of Risk II (2EC)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0301</td>
<td>Retirement Savings and Investment Decisions (6 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0220</td>
<td>Quantitative Marketing (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<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**

1. The restricted electives of this programme are mentioned in the course list in article 4.2 of this B part.

**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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 started before 01 September 2019 with the Master’s programme 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>Actuarial Science of Pensions (6414M0216)</td>
<td>Actuarial Science of Pensions and Ageing (6414M0300)</td>
</tr>
<tr>
<td>Caput Actuarial Science (6414M0206)</td>
<td>Principles of the Mathematics and Economics of Risk I (6414M0302)</td>
</tr>
<tr>
<td>Caput Financing of Pensions (6414M0217)</td>
<td>Retirement Savings and Investment Decisions (6414M0301)</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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
B3 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 Digital Marketing, Consumer 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: Focuses on the 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: Focuses on the 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. Digital Marketing: Focuses on how the marketing function creates and captures customer value, with an emphasis on the impact of marketing analytics and digitization of the business environment on marketing processes.
4. Consumer Marketing: Focuses on the consumer as the focal point in the function of marketing and customer value creation, with an emphasis on consumer behavior, consumer psychology, and consumer research as fundamental components driving marketing decisions.
5. Leadership and Management: Focuses on the challenges organisations are facing in terms of managing individuals, teams and organisations and the balance between organizational and employee interests.
6. Entrepreneurship and Innovation: Focuses on the process of new social or commercial venture creation, corporate entrepreneurship and innovation management.
7. Entrepreneurship and Management in the Creative Industries: Focuses on 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 qualifications
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. Students holding a Bachelor's degree in Economics and Business of the University of Amsterdam are unconditionally eligible for admission to the programme.
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;
e. status and quality of the previous institution.

4. The selection procedure as described in paragraph 3.1.3 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: 22 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English:
      170 points overall and in each sub-category on either a
      • Cambridge Certificate in Advanced English (CAE) or
      • Cambridge Certificate of Proficiency in English (CPE)

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.

<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>Theories course in the chosen track (6 EC)</td>
<td>Core course in the chosen track (6 EC)</td>
</tr>
<tr>
<td>Theories course in a different track (6 EC)</td>
<td>Core course in the chosen track (6 EC)</td>
</tr>
</tbody>
</table>

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 and Professional Skills 1 & 2. Students starting in February start with Business Seminar and Professional Skills 2, followed by Business Seminar and Professional Skills 1.

**Course list**

The following course list is also included in the digital UvA Course Catalogue 2019-2020.

<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, (4 and 5)</td>
<td></td>
</tr>
<tr>
<td>6314M0360</td>
<td>Business Seminar and Professional Skills 2 (2 EC)</td>
<td>4 and 5, (1 and 2)</td>
<td></td>
</tr>
<tr>
<td><strong>Compulsory Methods-Workshops (one out of five):</strong></td>
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<tr>
<td>6314M0225</td>
<td>Thesis Workshop Social Media Research (2 EC)</td>
<td>4</td>
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</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>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Year(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------------------------</td>
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</tr>
<tr>
<td>6314M0227</td>
<td>Thesis Workshop Survey Design (2 EC)</td>
<td>4 and 1</td>
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<tr>
<td></td>
<td><strong>Compulsory Analysis-Workshops (one out of two):</strong></td>
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<tr>
<td>6314M0120</td>
<td>Thesis Workshop Qualitative Data Analysis (1 EC)</td>
<td>5 and 2</td>
<td></td>
</tr>
<tr>
<td>6314M0121</td>
<td>Thesis Workshop Quantitative Data Analysis (1 EC)</td>
<td>5 and 2</td>
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<td></td>
<td><strong>Compulsory courses for the specialisation Strategy:</strong></td>
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<tr>
<td>6314M0186</td>
<td>Theories of Strategy (6 EC)</td>
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<tr>
<td>6314M0370</td>
<td>Corporate Strategy and Organisation Design (6 EC)</td>
<td>2</td>
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<tr>
<td>6314M0235</td>
<td>The Adaptive Organisation (6 EC)</td>
<td>2</td>
<td></td>
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<tr>
<td>6314M0304</td>
<td>Thesis Proposal Strategy (5 EC)</td>
<td>3 and 6</td>
<td></td>
</tr>
<tr>
<td>6314M0366</td>
<td>Master’s Thesis Strategy (12 EC)</td>
<td>1-3,4-6</td>
<td></td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration, Thesis Proposal Strategy, Theories of Strategy, and Strategy and Organisation Design or The Adaptive Organisation

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Year(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Compulsory courses for the track Digital Marketing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0185</td>
<td>Theories of Marketing (6 EC)</td>
<td>1 and 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0159</td>
<td>Consumer Behaviour (6 EC)</td>
<td>2 and 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0311</td>
<td>Digital Marketing and Analytics (6 EC)</td>
<td>2 and 5</td>
<td></td>
<td></td>
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<tr>
<td>6314M0374</td>
<td>Thesis Proposal Digital Marketing (5EC)</td>
<td>3 and 6</td>
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</tr>
<tr>
<td>6314M0375</td>
<td>Master’s Thesis Digital Marketing (12 EC)</td>
<td>1-3,4-6</td>
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</table>

Enrolment MSc Business Administration, Thesis Proposal Digital Marketing, Theories of Marketing, and Consumer Behaviour or Digital Marketing and Analytics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Year(s)</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Compulsory courses for the track Consumer Marketing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0185</td>
<td>Theories of Marketing (6 EC)</td>
<td>1 and 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0159</td>
<td>Consumer Behaviour (6 EC)</td>
<td>2 and 5</td>
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<tr>
<td>6314M0373</td>
<td>Consumer Research in Marketing (6 EC)</td>
<td>2 and 5</td>
<td></td>
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<tr>
<td>6314M0376</td>
<td>Thesis Proposal Consumer Marketing (5EC)</td>
<td>3 and 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0377</td>
<td>Master’s Thesis Consumer Marketing (12 EC)</td>
<td>1-3,4-6</td>
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</tbody>
</table>

Enrolment MSc Business Administration, Thesis Proposal Consumer Marketing, Theories of Marketing, and Consumer Behaviour or Consumer Research in Marketing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Year(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0365</td>
<td>Master’s Thesis Marketing (12 EC)</td>
<td>1 and 4</td>
<td></td>
<td></td>
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</tbody>
</table>

Enrolment MSc Business Administration, Thesis
### 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>6314M0372</td>
<td>Digital Transformation and Strategic Innovation (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0371</td>
<td>Data Science for Business (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>
<tr>
<td>6314M0364</td>
<td>Master’s Thesis Leadership and Management (12 EC)</td>
<td>1-3, 4-6</td>
</tr>
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</table>

Enrolment MSc Business Administration, Thesis Proposal Leadership and Management, Theories of Leadership and Management, and Managing People Strategically or Leadership.

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

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

Enrolment MSc Business Administration, Thesis Proposal Entrepreneurship and Management in the Creative Industries, Theories of Entrepreneurship and Management in the Creative Industries, and Strategic Management and Marketing Theory in the Creative Industries or Cultural Entrepreneurship and Innovation.
### Compulsory courses for the track Entrepreneurship and Innovation:

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

Enrolment MSc Business Administration, Thesis Proposal Entrepreneurship and Innovation, Theories of Entrepreneurship and Innovation, and International Entrepreneurship or Innovation Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>6314M0157</td>
<td>Branding (6 EC)</td>
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<tr>
<td>6314M0344</td>
<td>Branding for Start-ups (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0239</td>
<td>Business Cases in New Technology (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0341</td>
<td>Business Negotiations (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0315</td>
<td>Business Strategy and Sustainability (6 EC)</td>
<td>1 and 4</td>
</tr>
<tr>
<td>6314M0317</td>
<td>Cases in Creative Entrepreneurship (6 EC)</td>
<td>1</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or Master Kunst- en Cultuurwetenschappen: Boekwetenschap en handschriftenkunde

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0316</td>
<td>Cases in Leadership (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0267</td>
<td>Cases in Retail Marketing (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0214</td>
<td>Change Management (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0346</td>
<td>Corporate Venturing (6 EC)</td>
<td>5</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or MSc Entrepreneurship

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0208</td>
<td>Design Driven Business Innovation (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0348</td>
<td>Disruptive Innovation Marketing (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0347</td>
<td>Entrepreneurship and Business in China (6 EC)</td>
<td>5</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or MSc Entrepreneurship

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0161</td>
<td>Entrepreneurial Finance (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0236</td>
<td>Executing Strategy (6 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6314M0318</td>
<td>Globalisation and Offshoring (6 EC)</td>
<td>2 and 5</td>
</tr>
<tr>
<td>6314M0320</td>
<td>International Business and Sustainable Development (6 EC)</td>
<td>5</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or MSc Entrepreneurship

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0240</td>
<td>Managing Creativity (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0342</td>
<td>Marketing Communication (6 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6314M0343</td>
<td>Marketing Metrics (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0257</td>
<td>Mergers and Acquisitions (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0268</td>
<td>Online Marketing (6 EC)</td>
<td>5</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or MSc Entrepreneurship

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0238</td>
<td>Operational Excellence (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0322</td>
<td>Organisation Design for the 21st century (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0231</td>
<td>Performance Management (6 EC)</td>
<td>4</td>
</tr>
</tbody>
</table>

Enrolment MSc Business Administration or MSc Business Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0378</td>
<td>People Analytics (6 EC)</td>
<td>5</td>
</tr>
<tr>
<td>6314M0266</td>
<td>Retail Strategy and Marketing (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0345</td>
<td>Social Media Marketing (6 EC)</td>
<td>2 and 4</td>
</tr>
<tr>
<td>6314M0379</td>
<td>Sustainable and Ethical Marketing (6 EC)</td>
<td>2</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.
** The old track Marketing in the Digital Age is only offered for students who started in 2018-2019 and passed two out of 3 of the corecourses (Marketing Strategy or Digital Marketing and Analytics or Consumer Behaviour).

** 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 period during the course registration period.

** 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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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
In 2019-2020 the following changes and transition arrangements apply.

a. Marketing in the Digital Age will be replaced by two new tracks: Digital Marketing and Consumer Marketing.
b. Only students who passed two out of 3 of the core courses (Marketing Strategy or Digital Marketing and Analytics or Consumer Behaviour) can still graduate in the old track Marketing in the Digital Age. These students can still enroll in the Master’s Thesis Marketing (12 EC).
c. Students who replace the course Marketing Strategy with the course Digital Marketing and Analytics will graduate in the new track Digital Marketing.
d. Students who replace the course Marketing Strategy with the new course Consumer Research in Marketing will graduate in the new track Consumer Marketing.

Students follow the new course unless they already passed the old course:

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing Strategy (6314M0179, 6 EC)</td>
<td>Digital Marketing and Analytics (6314M0311, 6 EC) or Consumer Research in Marketing (6314M0373, 6 EC)</td>
</tr>
<tr>
<td>Thesis proposal Marketing (6314M0306, 5 EC)</td>
<td>Thesis Proposal Digital Marketing (6314M0374, 5 EC) or Thesis Proposal Consumer Marketing (6314M0376, 5 EC)</td>
</tr>
<tr>
<td>Strategy and Organisation Design (6314M0234, 6 EC)</td>
<td>Corporate Strategy and Organisation Design (6314M0370, 6 EC)</td>
</tr>
<tr>
<td>Digital Marketing and Analytics (Digital Business track) (6314M0311, 6 EC)</td>
<td>Digital Transformation and Innovation (6314M0372, 6 EC)</td>
</tr>
<tr>
<td>Digital Business Innovation (6314M0312, 6 EC)</td>
<td>Data Science for Business (6314M0371, 6 EC)</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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
B4 Master’s programme in Business 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 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 (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 landmark 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
b. Econometrics.
c. Mathematics and statistics.
d. For the specialisation Neuroeconomics: at least be at the intermediate level. The courses on Microeconomics should cover market structure (Industrial Organisation) enough as well as game theory.

All skills mentioned above should at least be at the intermediate level. The courses on Microeconomics should cover market structure (Industrial Organisation) enough as well as game theory. Exemptions can be made for students without a bachelor in Economics if they can show that they have a sufficiently strong quantitative background.

2. Applications are assessed by the Admissions Board. Students holding a Bachelor's degree in Economics and Business specialisation Finance and Organisation or Economics and Finance of the University of Amsterdam 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
2. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   d. Possess a Bachelor’s diploma from a Dutch research university (wo) or Dutch university of applied sciences (hbo)
   e. 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.
   f. 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: 22 points each
      b. IELTS (Academic version)
         i. Overall Score: 6.5 Points
         ii. Reading, Listening, Speaking, Writing: 6.0 points each
      c. Cambridge English:
170 points overall and in each sub-category on either a
- Cambridge Certificate in Advanced English (CAE) or
- Cambridge Certificate of Proficiency in English (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 Managerial Economics and Strategy

<table>
<thead>
<tr>
<th>First semester</th>
<th>Second semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>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>
</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>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Games and Strategy (5 EC)</td>
<td>Restricted Elective</td>
</tr>
<tr>
<td>European Competition Law (10 EC)*</td>
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</tr>
<tr>
<td>Applied Econometrics (5 EC)</td>
<td></td>
</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>Period 1</td>
<td>Period 2</td>
</tr>
<tr>
<td>Brain Organisation and</td>
<td>Introduction to</td>
</tr>
</tbody>
</table>
### Cognition for Behavioural Scientists (5 EC)
- Matlab Programming for Neuroscientists (5 EC)*

### Games and Strategy (5 EC)
- Behavioural Economics (5 EC)
- Neuroeconomic Methods for Behavioural Scientists (5 EC)

### Applied Econometrics (5 EC)
- Research Seminar Neuroeconomics (5 EC)

*This course is provided by the Institute for Interdisciplinary Studies (IIS). Enrolment for lectures as well as for interim and other examinations for these courses are also in accordance with IIS regulations.

### List of compulsory courses*

The following course lists are also included in the digital UvA Course Catalogue 2019-2020.

<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>MSc Registration</td>
</tr>
<tr>
<td>6414M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
<td>and Registration</td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
<td>Master’s thesis Managerial Economics and Strategy</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: Strategy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td>Managerial Economics or Strategy or Markets and Organizations</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>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1+2</td>
<td>MSc Registration</td>
</tr>
<tr>
<td>6314M0323</td>
<td>Applied Industrial Organisation (5 EC)</td>
<td>4</td>
<td>and Registration</td>
</tr>
<tr>
<td>6414M0151</td>
<td>Competition Policy (5 EC)</td>
<td>4</td>
<td>Master’s thesis Competition Law and Economics</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</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5+6</td>
<td>or Strategy or restricted elective</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 accordance with the amount of EC’s.

### Compulsory courses for the specialisation Neuroeconomics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0170</td>
<td>Applied Econometrics (5 EC)</td>
<td>1 + 2</td>
</tr>
<tr>
<td>6414M0171</td>
<td>Behavioural Economics (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0311</td>
<td>Brain Organisation and Cognition for Behavioural Scientists (5 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6414M0172</td>
<td>Experimental Economics (5 EC)</td>
<td>3</td>
</tr>
<tr>
<td>6314M0310</td>
<td>Games and Strategy (5 EC)</td>
<td>1</td>
</tr>
<tr>
<td>6414M0315</td>
<td>Introduction to Matlab Programming for Neuroscientists (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0167</td>
<td>Neuroeconomics (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0312</td>
<td>Neuroeconomic Methods for Behavioural Scientists (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0313</td>
<td>Research Seminar Neuroeconomics (5 EC)</td>
<td>4 + 5</td>
</tr>
<tr>
<td>6414M0314</td>
<td>Master’s Thesis Neuroeconomics (15 EC)</td>
<td>5 + 6</td>
</tr>
</tbody>
</table>

* All courses of the MSc Business 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**

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>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0231</td>
<td>Performance Management (6 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0151</td>
<td>Competition Policy (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance</td>
<td>4</td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation (5 EC)</td>
<td>2</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>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0153</td>
<td>Markets and Organisations (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0150</td>
<td>Advanced Industrial Organisation (5 EC)</td>
<td>2</td>
</tr>
</tbody>
</table>

**For the specialisation Competition Law and Economics there is a restricted list of electives:**

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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 arrangement
There are no transition arrangements.

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 2019

Advice and consent from the Programme Committees,
Economics and Business Economics & Fiscal Economics (OC-EBE&FE), date: 12 June 2019
Business Administration (OC-BA), date: 17 May 2019
Actuarial Studies, Econometrics and Operational Research (OC-AEO), date: 16 May 2019
Advice of the Works Council (OR), date: 20 May 2019
Advice of and approved by the Faculty Student Council (FSR), date: 3 June 2019
Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
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 Economic 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 and 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
3. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   g. Possess a Bachelor’s diploma from a Dutch research university (wo) or Dutch university of applied sciences (hbo)
   h. 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.
   i. 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: 22 points each
      b. IELTS (Academic version)
         i. Overall Score: 6.5 Points
         ii. Reading, Listening, Speaking, Writing: 6.0 points each
      c. Cambridge English:
         170 points overall and in each sub-category on either a
         • Cambridge Certificate in Advanced English (CAE) or
         • Cambridge Certificate of Proficiency in English (CPE)

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 Asset Pricing (5 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>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0005</td>
<td>Advanced Econometrics 1 (5 EC)</td>
<td>1+2</td>
<td>At least 20 EC completed from the Master programme</td>
</tr>
<tr>
<td>6414M0006</td>
<td>Advanced Econometrics 2 (5 EC)</td>
<td>3</td>
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</tr>
<tr>
<td>6414M0320</td>
<td>Data Science Methods (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0321</td>
<td>Theory of Markets (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6414M0322</td>
<td>Complex Economic Dynamics (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0323</td>
<td>Behavioural Macro and Finance (5 EC)</td>
<td>4+5</td>
<td></td>
</tr>
<tr>
<td>6414M0324</td>
<td>Financial Econometrics (5 EC)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Course list**
The following course list is also included in the digital UvA Course Catalogue 2019-2020.
### 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), Asset Pricing (5 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)**
6. **Master’s Thesis Econometrics (6414M0222, 15 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 from Complex Economic Dynamics and Machine Learning for Econometrics (5 EC)**
3. **the course Financial Econometrics (6414M0007, 5 EC)**
4. **the course Stochastic Calculus (6414M0013, 5 EC)**
5. **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.**
6. **Master’s Thesis Econometrics (6414M0223, 15 EC) on Financial Econometrics.**

### 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 Asset Pricing (5 EC) and Machine Learning for Econometrics (5 EC)**
3. **the course Complex Economic Dynamics (5EC)**
4. **the course Economic and Financial Network Analysis (5 EC)**
5. **the course Behavioural Macro and Finance (5EC)**
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.**

---

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0010</td>
<td>Microeconometrics (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0324</td>
<td>Economic and Financial Network Analysis (5 EC)</td>
<td>4</td>
</tr>
<tr>
<td>6414M0013</td>
<td>Stochastic Calculus (5 EC) **</td>
<td>4+5</td>
</tr>
<tr>
<td>6414M0219</td>
<td>Machine Learning for Econometrics (5 EC)</td>
<td>2</td>
</tr>
<tr>
<td>6414M0360</td>
<td>Quantitative models in Online Marketing (5 EC)</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 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 Asset Pricing (5 EC)**
3. **the course Machine Learning for Econometrics (6414M0219, 5 EC)**
4. **the course Quantitative Models in Online Marketing (6414M0360, 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 the present chapter. 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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 started before 01 September 2019 with the Master’s programme 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>Quantitative Marketing (6414M0220)</td>
<td>Quantitative Models in Online Marketing (6414M0360)</td>
</tr>
<tr>
<td>Financial Mathematics for Insurance</td>
<td>Asset Pricing (6414M0304)</td>
</tr>
<tr>
<td>(6414M0211)*</td>
<td></td>
</tr>
</tbody>
</table>

* Please note that the old course is still offered in academic year 19-20 but for another master’s programme. The old course is no longer part of the Master Econometrics program. Only students who already passed the old course before 1-9-2019 do not have to pass the new course.

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
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 learns 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. Students holding a Bachelor's degree in Economics and Business specialisation Economics or Economics and Finance of the University of Amsterdam 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 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
4. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   j. Possess a Bachelor’s diploma from a Dutch research university (wo) or Dutch university of applied sciences (hbo)
k. 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.
l. 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: 22 points each
   b. IELTS (Academic version)
      i. Overall Score: 6.5 Points
      ii. Reading, Listening, Speaking, Writing: 6.0 points each
   c. Cambridge English:
      170 points overall and in each sub-category on either a
      • Cambridge Certificate in Advanced English (CAE) or
      • Cambridge Certificate of Proficiency in English (CPE)

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

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

### Compulsory courses for the specialization Behavioural Economics & Game Theory

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
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<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>
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<td>6414M0154</td>
<td>Evolution and Behaviour (5 EC)</td>
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<td>Experimental Economics (5 EC)</td>
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<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>

### Compulsory courses for the specialization Markets & Regulation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0272</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>
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</table>

### Compulsory courses for the specialization Development Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0228</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>
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</tr>
</tbody>
</table>

One of the following two courses:

- 6414M0172, 6414M0153

Two of the following three courses:

- 6414M0152
- 6414M0157
- 6414M0158
- 6414M0274
- 6414M0165
- 6414M0281
### Compulsory courses for the specialisation International Economics & Globalisation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>EC</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)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0156</td>
<td>Public Finance and Fiscal Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0155</td>
<td>Financial Institutions and Banking (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0159</td>
<td>International Economic Cooperation (5 EC)</td>
<td>2</td>
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</tr>
<tr>
<td>6414M0160</td>
<td>International Finance (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0162</td>
<td>International Trade Theory and Policy (5 EC)</td>
<td>4</td>
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</tr>
<tr>
<td>6414M0175</td>
<td>Research Seminar International Economics and Globalisation (5 EC)</td>
<td>4+5</td>
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</tbody>
</table>

### Compulsory courses for the specialisation Monetary Policy & Banking

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>EC</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0230</td>
<td>Master’s Thesis Monetary Policy and Banking (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)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0303</td>
<td>Financial Regulation (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0155</td>
<td>Financial Institutions and Banking (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6414M0160</td>
<td>International Finance (5 EC)</td>
<td>2</td>
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</tr>
<tr>
<td>6414M0166</td>
<td>Monetary Theory (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6414M0156</td>
<td>Public Finance and Fiscal Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0275</td>
<td>Research Seminar Monetary Policy and Banking (5 EC)</td>
<td>4+5</td>
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</table>

### Compulsory courses for the specialisation Public Policy

<table>
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<th>EC</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6414M0276</td>
<td>Master’s Thesis Public Policy (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>6414M0158</td>
<td>Human Development (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0152</td>
<td>Economic Growth (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0155, 6414M0153</td>
<td>Financial Institutions and Banking (5 EC), Empirical Market Analysis (5 EC)</td>
<td>3</td>
<td></td>
</tr>
<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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<tr>
<td>6414M0156</td>
<td>Public Finance and Fiscal Policy (5 EC)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6414M0278</td>
<td>Research Seminar Public Policy (5 EC)</td>
<td>4+5</td>
<td></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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 started before 01 September 2019 with the track Development Economics and who have not yet passed the course Experimental Economics (6414M0172), can choose between the course Experimental Economics (6414M0172) or the course Empirical Market Analysis (6414M0153)

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Experimental Economics (6414M0172)</td>
<td>Experimental Economics (6414M0172) or Empirical Market Analysis (6414M0153)</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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
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 studies at a micro level 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 specialisation 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: Asset Management, Banking and Regulation, Corporate Finance, Quantitative Finance or Real Estate Finance.

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 graduates are able to analyse them based on theoretical concepts of economics, and they are 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; Asset Management, Banking and Regulation, Corporate Finance, Real Estate Finance, 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 with 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, macroeconomics and microeconomics will be highly beneficial.
2. Applications are assessed by the Admissions Board. Students holding a Bachelor's degree in Economics and Business specialisation Finance and Organisation or Economics and Finance of the University of Amsterdam 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

5. Applicants to the Master’s programme must demonstrate sufficient command of the English language by means of one of the following:
   m. Possess a Bachelor’s diploma from a Dutch research university (wo) or Dutch university of applied sciences (hbo)
   n. 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.
   o. 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: 22 points each
      b. IELTS (Academic version)
         i. Overall Score: 6.5 Points
         ii. Reading, Listening, Speaking, Writing: 6.0 points each
      c. Cambridge English:
         170 points overall and in each sub-category on either a
            • Cambridge Certificate in Advanced English (CAE) or
            • Cambridge Certificate of Proficiency in English (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 Finance specialisations - Asset Management, Banking and Regulation, Corporate Finance and Quantitative Finance
### First semester

<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>Advanced Corporate Finance (5 EC)</td>
<td>Track specific specialisation course 1 (5 EC)</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>Track specific specialisation course 3 or elective (5 EC)</td>
<td>Master’s Thesis (15 EC)</td>
<td></td>
</tr>
<tr>
<td>Financial Markets (5 EC)</td>
<td>Track specific specialisation course 2 (5 EC)</td>
<td></td>
<td>Transfer to Master’s Thesis Specialisation</td>
<td>Ethics and Professional skills in Finance (2 EC)</td>
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</tr>
<tr>
<td>Applied Financial Econometrics (5 EC)</td>
<td></td>
<td></td>
<td></td>
<td>Thesis Seminar Finance (3 EC)</td>
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</tbody>
</table>

### Second semester

<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>Real Estate Valuation (5 EC)</td>
<td>Advanced Real Estate Valuation (5 EC)</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>Real Estate Finance (5 EC)</td>
<td>Master’s Thesis Real Estate Finance (15 EC)</td>
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</tr>
<tr>
<td>Real Estate Markets and Analysis 1 (5 EC)</td>
<td>Real Estate Markets and Analysis 2 (5 EC)</td>
<td></td>
<td>Real Estate Investments (5 EC) or International Housing Markets (5 EC)</td>
<td>Ethics and Professional skills in Finance (2 EC)</td>
<td></td>
</tr>
<tr>
<td>Applied Financial Econometrics (5 EC)</td>
<td></td>
<td></td>
<td></td>
<td>Thesis Seminar Finance (3 EC)</td>
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</tbody>
</table>

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

<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>Real Estate Markets and Analysis 1 (5 EC)</td>
<td>Real Estate Markets and Analysis 2 (5 EC)</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>Real Estate Investments (5 EC) or International Housing Markets (5 EC)</td>
<td>Ethics and Professional skills in Finance (2 EC)</td>
<td></td>
</tr>
<tr>
<td>Real Estate Markets and Analysis 1 (5 EC)</td>
<td>Real Estate Markets and Analysis 2 (5 EC)</td>
<td>Empirical Methods in Finance (5 EC)</td>
<td>Real Estate Investments (5 EC) or International Housing Markets (5 EC)</td>
<td>Ethics and Professional skills in Finance (2 EC)</td>
<td></td>
</tr>
<tr>
<td>Applied Financial Econometrics (5 EC)</td>
<td></td>
<td></td>
<td></td>
<td>Thesis Seminar Finance (3 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>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory courses for the specialisation: Asset Management, Banking and Regulation, Quantitative Finance and Corporate Finance:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6314M0279</td>
<td>Applied Financial Econometrics (5 EC)</td>
<td>1+2</td>
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</tr>
<tr>
<td>6314M0280</td>
<td>Empirical Methods in Finance (5 EC)</td>
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<tr>
<td>6314M0354</td>
<td>Ethics and Professional skills in Finance (2 EC)</td>
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</tr>
<tr>
<td>6314M0278</td>
<td>Financial Markets (5 EC)</td>
<td>1</td>
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</tr>
<tr>
<td>6314M0281</td>
<td>Thesis Seminar Finance (3 EC)</td>
<td>4+5</td>
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<tr>
<td>6314M0358</td>
<td>Professional Skills (1 EC)***</td>
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<tr>
<td>6314M0277</td>
<td>Advanced Corporate Finance (5 EC)</td>
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<tr>
<td>Extra:</td>
<td></td>
<td></td>
<td>See article 4.3 practical training</td>
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<tr>
<td>6314M0300</td>
<td>Master internship Finance (15 EC)</td>
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### Compulsory Courses for the specialisation Asset Management:

<table>
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<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)</td>
<td>2+3**</td>
<td>Enrolment MSc Finance and participation in the Thesis Seminar Finance (6314M0281)</td>
</tr>
<tr>
<td>6314M0277</td>
<td>Advanced Corporate Finance (5 EC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6314M0300</td>
<td>Master internship Finance (15 EC)</td>
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*See article 4.3 practical training*
### Compulsory Courses for the specialisation Banking and Regulation:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0324</td>
<td>Master’s Thesis Banking and Regulation (15 EC)</td>
<td>2+3**</td>
<td>5+6</td>
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<tr>
<td>6314M0285</td>
<td>Banking (5 EC)</td>
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</tr>
<tr>
<td>6314M0108</td>
<td>Derivatives (5 EC) or</td>
<td>2</td>
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</tr>
<tr>
<td>6314M0286</td>
<td>Valuation (5 EC)</td>
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<td></td>
</tr>
<tr>
<td>6314M0303</td>
<td>Financial Regulation (5 EC)</td>
<td>4</td>
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</tbody>
</table>

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

### Compulsory Courses for the specialisation Corporate Finance:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0325</td>
<td>Master’s Thesis Corporate Finance (15 EC)</td>
<td>2+3**</td>
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</tr>
<tr>
<td>6314M0286</td>
<td>Valuation (5 EC)</td>
<td>2</td>
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<tr>
<td>6314M0287</td>
<td>Corporate Governance (5 EC) or</td>
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</tr>
<tr>
<td>6314M0285</td>
<td>Banking (5 EC)</td>
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Enrolment MSc Finance or MSc Economics

### Compulsory Courses for the specialisation Quantitative Finance:

<table>
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<th>Course Code</th>
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<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0352</td>
<td>Master’s Thesis Quantitative Finance (15 EC)</td>
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</tr>
<tr>
<td>6314M0350</td>
<td>Computational Finance (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M01086314M0284</td>
<td>Derivatives (5 EC) or</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0351</td>
<td>Advanced Investments (5 EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Advanced Risk Management (5 EC)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0299</td>
<td>Master’s Thesis Real Estate Finance (15 EC)</td>
<td>2+3**</td>
<td>5+6</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>6314M0354</td>
<td>Ethics and Professional Skills in Finance (2 EC)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6314M0296</td>
<td>Real Estate Finance (5 EC)</td>
<td>4</td>
<td></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>
<tr>
<td>6314M0294</td>
<td>Advanced Real Estate Valuation (5EC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6314M0298</td>
<td>International Housing Markets (5 EC) or</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>6314M0353</td>
<td>Real Estate Investments (5 EC)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Enrolment MSc Finance or MSc Econometrics

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58
Dual specialisation

Students wishing to record a dual specialisation, 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 (3 EC);
k. Ethics and Professional skills in Finance (2 EC);
l. Specialisation specific courses of either Asset Management or Corporate Finance (10 EC in total), as mentioned above, depending on the specialisation choice;
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 (3 EC)
Ethics and Professional skills in Finance (2 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 Econometrics</td>
</tr>
<tr>
<td>6314M0291</td>
<td>International Corporate Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0327</td>
<td>Corporate Restructuring (5 EC)</td>
<td>4</td>
<td>Enrolment MSc 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 Econometrics</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics or MSc Actuarial Science and Mathematical Finance</td>
</tr>
</tbody>
</table>

### For the specialisation Banking and Regulation:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Period</th>
<th>Entry requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics or MSc Actuarial Science and Mathematical Finance</td>
</tr>
<tr>
<td>6314M0288</td>
<td>Behavioural Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6134M0291</td>
<td>International Corporate Finance (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics</td>
</tr>
<tr>
<td>6314M0327</td>
<td>Corporate Restructuring (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics</td>
</tr>
</tbody>
</table>

### For the specialisation Asset Management:

<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 Econometrics</td>
</tr>
<tr>
<td>6314M0289</td>
<td>Fixed Income Risk Management (5 EC)</td>
<td>4</td>
<td>Enrolment MSc Finance or MSc Econometrics or MSc Actuarial Science and Mathematical Finance</td>
</tr>
</tbody>
</table>
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 awarded degree 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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethics &amp; Professional Skills in Finance (1 EC)</td>
<td>Ethics &amp; Professional Skills in Finance (2 EC)</td>
</tr>
<tr>
<td>Thesis Seminar Finance (4 EC)</td>
<td>Thesis Seminar Finance (3 EC)</td>
</tr>
</tbody>
</table>

1. Students who started their programme before 01 September 2019 and have not yet completed the old courses **Ethics & Professional Skills (1 EC)** and the **Thesis Seminar Finance (4 EC)**, have to follow the new courses **Ethics & Professional Skills in Finance (2 EC)** and **Thesis Seminar Finance (3 EC)**
2. Students who started their programme before 01 September 2019 and have not yet completed **Ethics & Professional Skills in Finance (1 EC)**, must follow the new **Ethics & Professional Skills in Finance (2 EC)**
3. Students who started their programme before 01 September 2019 and have not yet completed **Thesis Seminar Finance (4 EC)**, must follow the new **Thesis Seminar Finance (3 EC)** and
Tea
ching and Examination Regulations Master’s degree programmes of Economics and Business 2019-2020
Part B7 Master’s Programme in Finance

Professional Skills (1 EC). This course will be offered for no longer than one year and is only meant for students who started their programme before 01 September 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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
B8 Master’s programme in Fiscal 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 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>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</td>
<td>Vennootschapsbelasting voor</td>
<td>Transfer Pricing</td>
<td>Corporate Tax Compliance</td>
<td>Master’s Thesis Fiscale</td>
<td></td>
</tr>
<tr>
<td>(6 EC)</td>
<td>multinationals (6 EC)*</td>
<td>(6 EC)</td>
<td>(3 EC)</td>
<td>Economie (12 EC)**</td>
<td></td>
</tr>
<tr>
<td>Fiscaliteit en Vastgoed***</td>
<td>Tax Compliance Formeel (3 EC)</td>
<td>Internationaal</td>
<td>Internationaal Belastingrecht (9 EC)*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6 EC)</td>
<td></td>
<td>Belastingrecht</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(6 EC)**</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tax Accounting (9 EC)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Master’s Thesis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fiscale Economie</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(12 EC)**</td>
<td></td>
<td></td>
<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 2019-2020.

<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></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-6</td>
<td></td>
</tr>
<tr>
<td>3354VBMUVY</td>
<td>Vennootschapsbelasting voor multinationals** (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>
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<tr>
<td>6414M0210</td>
<td>Tax Compliance Formeel (3 EC)</td>
<td>2</td>
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</tr>
<tr>
<td>3354DIQ3V</td>
<td>Internationaal belastingrecht en dividendbelasting (9 EC)**</td>
<td>4+5</td>
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</tr>
<tr>
<td>6414M0207</td>
<td>Vennootschapsbelasting (6 EC)***</td>
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</tr>
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<td>6414M0185</td>
<td>Transfer Pricing (6 EC)</td>
<td>4</td>
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</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 Programme Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations 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 2019 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>Vennootschapsbelasting voor het MKB (3354COQ3V)</td>
<td>Vennootschapsbelasting voor multinationals (3354VBMUVY)</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 2019

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

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

Adopted by the Dean of the Faculty of Economics and Business on: 12 June 2019
Appendix I: Pre-Master’s programmes

1. MSc Fiscal economics 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).

Direct inflow (subject to conditions) Fiscal Economy
(intake from Academic BSc; Economics or Business Economics)

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>Inleiding Europees Belastingrecht (3EC) (FdR)</td>
<td>Fiscale winstberekening (6 EC)</td>
<td>Belastingheffing DGA (6 EC)</td>
<td></td>
</tr>
<tr>
<td>Inleiding Belastingheffing Algemeen (6 EC)</td>
<td>Inleiding Internationaal Belastingrecht (3EC) (FdR)</td>
<td>Vermogensrecht (6 EC)</td>
<td>Inleiding Belastingheffing Ondernemingen (6 EC)</td>
<td></td>
<td></td>
</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) Fiscal Economics
(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) Fiscal Economics
(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>
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<tr>
<td>Vennootschapsbelasting (6 ECTS)</td>
<td>Belasting Toegevoegde Waarde (BTW) (6 ECTS)</td>
<td>Inleiding Europees Belastingrecht (3EC) (FdR)</td>
<td>Belastingheffing DGA (6 ECTS)</td>
<td>Fiscale winstberekening (6 ECTS)</td>
<td>Inleiding Internationaal Belastingrecht (3EC) (FdR)</td>
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</tbody>
</table>

Pre-MSc (pre-Master’s programme) Fiscal Economics
(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.
Article 2.2 Exemptions
It is not possible to request exemptions within the curriculum of one of the pre-Master’s programmes.

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
There are no transitional arrangements for 2019-2020. Transitional arrangements following previous amendments can be found in the Education and Examination Regulations of the year in which the relevant amendment took place.
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>
</tr>
</thead>
<tbody>
<tr>
<td>Management Research Methods 1 for Accountancy &amp; Control (6012S0046)</td>
<td>Management Research Methods 2 for Accountancy &amp; Control (6012S0048)</td>
</tr>
<tr>
<td>Internal Control (6012S0021)</td>
<td>Inleiding Belastingheffing voor Accountancy &amp; Control (6012S0023)</td>
</tr>
<tr>
<td>Introduction to Quantitative Methods (6012S0020)*</td>
<td>Academic Project for Accountancy &amp; Control (6012S0022)</td>
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<tr>
<td>Auditing (6012S0047)**</td>
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</table>

* 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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<td>Auditing</td>
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<tr>
<td>6012S0022</td>
<td>Academic Project for Accountancy and Control</td>
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</tr>
<tr>
<td>6012S0023</td>
<td>Inleiding Belastingheffing voor</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</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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<tr>
<td>Management Research Methods 1 for Business</td>
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<tr>
<td>Administration</td>
<td>Administration</td>
</tr>
<tr>
<td>Academic Project</td>
<td>Leadership and Management</td>
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<tr>
<td>Marketing Management</td>
<td>Strategy and Organization</td>
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**Vakkenlijst**

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<tr>
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<tr>
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<td>Marketing Management</td>
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</tr>
<tr>
<td>6012S0017</td>
<td>Strategy and Organisation</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</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

List of articles that the WHW stipulates must be included in the OER (framed articles):

<table>
<thead>
<tr>
<th>Part A</th>
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<tbody>
<tr>
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<td>7.13 lid 2 sub e</td>
</tr>
<tr>
<td>art. 4.2</td>
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<tr>
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<td>7.13 lid 2 sub n</td>
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<tr>
<td>art. 4.4</td>
<td>7.13 lid 2 sub o</td>
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<td>7.13 lid 2 sub p, q</td>
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<tr>
<td>art. 4.10</td>
<td>7.13 lid 2 sub a</td>
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<tr>
<td>art. 5.2</td>
<td>7.13 lid 2 sub m</td>
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<td>7.25 lid 4</td>
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<td>art. 4.2</td>
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<td>art. 4.3</td>
<td>7.13 lid 2 sub t</td>
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<td>7.13 lid 2 sub s</td>
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<tr>
<td>art. 4.6</td>
<td>7.13 lid 2 sub d</td>
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<td>art. 4.8</td>
<td>7.13 lid 2 sub k</td>
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Appendix III

Overview of guidelines ex. 9.5 WHW UvA:

*The classification is a format established as a guideline:*

<table>
<thead>
<tr>
<th>Part</th>
<th>Art</th>
<th>Description</th>
<th>Date of Decision</th>
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<td>Last result is valid</td>
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<td>14 March 2008</td>
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<td>Entry requirements master’s programmes</td>
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Appendix IV: Rules and Guidelines of the Examinations Board 2019-2020

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

Article 1 Applicability

Article 1.1 - Applicability of the regulations

Rules and Guidelines as described in Section 7.12b, third paragraph of the WHW, and adopted by the Examinations Board. These Rules and Guidelines are applicable to the assessments and examinations in the Faculty’s Bachelor’s and Master’s degree programme(s) and are in keeping with the Teaching and Examination Regulations (OERs) for these degree programmes, as established by the Dean.

These regulations apply to everyone who follows (courses for) the degree course in this academic year, regardless of when the degree programme has started.

- Bachelor of Science Actuariële Wetenschappen
- Bachelor of Science Business Administration
- Bachelor of Science Econometrie en Operationele Research
- Bachelor of Science Economics & Business Economics
- Bachelor of Science Economie en Bedrijfskunde
- 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 Bedrijfskunde, 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:
- Pre-Master’s Fiscale Economie
- Pre-Master’s MSc Accountancy & Control
Article 1.2 – General
1. The concepts described in the OER that apply to the programme in question also apply to these regulations. Other concepts are defined in accordance with legislation.
2. In the case that a provision in these regulations conflicts with a provision from the OER applying to the programme in question, the provision from the OER will prevail.

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

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

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

**Article 3 Examiners**

*Article 3.1 – Appointment of examiners*

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

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

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

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

*Article 3.2 Appointment of thesis examiners*

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

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

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

*Article 3.3 – Signing authority*

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

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

*Article 3.4 – Tasks and responsibilities relating to holding exams*

The examiner is primarily responsible for the content, form and quality of the assessment. The examiner should ensure that the learning objectives and the method of assessment for a course are communicated beforehand. The examiner should communicate clearly to students which cut-off score provisions and grading schemes will be used. The examiner is responsible for ensuring that an exam runs smoothly, as laid down in article 4.7 of this regulation. The examiner provides the Examination Board with the information demanded in relation to examining.

**Article 4 Examinations**

The general rules in the Teaching and Examination Regulations for the Bachelor’s and Master’s degree programmes of the FEB provide for rules concerning admissions, notice and perusal of written examinations. This article provides for more detailed regulations in relation to written examinations.
Appendix IV: Rules and Guidelines of the Examinations Board 2019-2020

Article 4.1 – Dates and times of examinations
1. Written examinations are held on dates and times that are agreed and announced via www.rooster.uva.nl at the same time as the registration for the course in question opens.
2. Oral or individual written exams are taken at a time to be determined by the examiner(s), which is established as soon as possible after consultation with the student.
3. When establishing the dates and times of examinations, an attempt will be made to avoid overlapping between examinations of the same programme as far as possible.
4. Established dates and times will only be changed in a case of force majeure affecting the faculty.

Article 4.2 – Registration for examinations
A student who is not enrolled at the UvA and/or has not registered on time or registered incorrectly for the course concerned in the university student information system (SIS) has no right to an exam result, despite having participated in the course under examination and/or having participated in the exam.

Article 4.3 – Assessment
1. The questions and problems in the examination will remain within the limits of the previously announced examination material. The main lines of this examination material will be announced prior to the start of the teaching in preparation for the examination. No later than one month before students take the examination, a definitive announcement will be made of the precise extent of the material.
2. The Examinations Board supervises the quality of assessment and examinations.
3. The duration of every examination is such that students have enough time, within reason, to answer the questions.

Article 4.4 - Marks
Courses that are passed at a foreign university will not be shown as a mark in SIS, but with an ‘AVV’, and with a ‘pass’ on the degree certificate supplement. This applies to both extra-curricular courses and to courses that are included as electives.

Article 4.5 - Digital assessment
If an examination is taken digitally, provisions will be made such that in the case of technical failure, the examination in question can still be taken on the same day.

Article 4.6 - Assessment
1. Every examination, including oral examinations, entails an investigation by the examiner of the student’s knowledge, insight and skills, as well as an assessment of the results of this investigation.
2. The assessment of written examinations is carried out with reference to standards that are set out beforehand in writing and that may be adjusted as a result of marking.
3. In the case that more than one lecturer is involved in assessing an examination, the examiner should ensure that all lecturers use the same standards for assessment.
4. The manner of assessment is such that the student can verify how the result of his or her examination was reached.
5. For assessing the Bachelor’s and Master’s an assessment form will be used.

Article 4.7 - Procedures during examinations
1. In the case of a written examination, the examiner should ensure that a sufficient number of invigilators are appointed to see that the examination runs smoothly. Students must be supervised by a supervisor throughout the entire examination. If toilet visits are permitted, at least two supervisors must be present, preferably a man and a woman.
2. During the examination, it is not permitted to use the toilet for examinations of two hours or less, unless the main surveyor gives permission for this. In that case, the student must follow the
instructions of the main course instructor. During toilet visits it is not allowed to speak and the
student may not be in possession of unauthorised aids.
3. During the examination, there should be at least one expert present or reachable by phone who is
able to answer discipline-related and exam-technical questions in the area of the examination
being held.
4. Should a number of invigilators be present at the examination, one chief invigilator is appointed
to take final responsibility.
5. It is obligatory for a student, when required to do so by an examiner or invigilator, to show proof
of identity by a valid UvA student ID card and another valid form of ID. If the student is unable
to produce proof of identity, they may be denied entry to the examination.
6. Latecomers may be admitted to an examination up a maximum of thirty minutes after the start of
the examination. If, due to circumstances beyond their control, a student is unable to be present
within this time limit, the examiner can decide whether the student may still be admitted to the
examination. After participants have left the hall, latecomers will no longer be admitted to the
examination.
7. Students may not leave the room where the examination is being held within thirty minutes of
the start of the examination. Moreover, the examiner can decide that students are not permitted
to leave the room where the examination is being held in the final fifteen minutes of the
examination. Students must remain seated for the entire examination, unless a supervisor decides
otherwise.
8. Students should have only a pen and a ruler on their table and, in case of a multiple choice exam,
a pencil and an eraser, unless supplementary aids are indicated on the cover page of the
examination. Information about supplementary aids will be given in lectures. Mobile telephones
or other electronic equipment should be switched off and stored in a bag or briefcase next to the
examination table. The bag or briefcase should be closed.
9. The use of graphing and/or programmable calculators during an examination is never permitted,
unless it is explicitly stated on the cover page of the examination that their use is permitted.
10. Reference works must not contain annotations.
11. If students fail to comply with the rules on aids as referred to in Article 4.7, this will be regarded
as fraud and sanctions may be imposed on the basis of the 'Fraud and Plagiarism Regulation
Students’ University of Amsterdam.
12. The instructions that are provided by the Examinations Board or the examiner or
(chief)invigilator before, during and immediately after the end of an examination should be
followed by the student. Should a student fail to follow one or more instructions, he may be
barred by the Examinations Board or the examiner from further participation in the examination
concerned or it may be decided to declare his or her examination invalid.
13. Observed irregularities will be reported in writing by the examiner or chief invigilator to the
Examinations Board.
14. The name of the student and his student ID card number should be included on every answer
sheet that is handed in.
15. Every student who has received the examination from the (chief) invigilator is obliged to hand in
the work that he has done.
16. The exam questions, the scrap paper and all other papers handed out during the examination
must be handed in to the invigilator at the end of the examination, unless the chief invigilator
determines otherwise. In that case the students should obey the instructions of the chief
invigilator.
17. Answers to multiple choice questions should not be published on Canvas before the examination
results have been registered in SIS.

Article 4.8 – Extra provisions for students with a disability
1. Students with dyslexia or another mental or physical disability may be eligible for extra
examination time; namely, a half-hour extension to the exam time for examinations lasting
longer than 1.5 hours, and a fifteen-minute extension for examinations lasting 1.5 hours or less,
and/or other provisions. In order to be eligible for additional examination time and/or other provisions due to disability, the following conditions need to be satisfied:

a. Students should be in possession of a declaration from the student dean stating that the student has the right to additional exam time and/or other provision(s).

b. Registration for extra exam time and/or other provisions should be carried out in conformity with the instructions on the A-Z website for students under ‘Disability’.

c. Deregistration for extra examination time and/or other provisions should be carried out in conformity with the instructions on the A-Z website for students under ‘Disability’. A failure by the student to deregister for the provisions in a timely manner will have consequences, as set out on the A-Z website for students under ‘Disability’.

2. The student dean’s recommendations concerning extra provisions for students with a disability will be deciding in all cases.

Article 4.9 – Personal circumstances
Personal Circumstances are defined exclusively as the following:

a. illness on the part of the student;

b. a physical, sensory or other functional disorder on the part of the student;

c. pregnancy of the student;

d. special family circumstances;

e. membership of a university representative advisory council or Board of Studies;

f. membership of a visitation committee, as described in chapter 5a of the WHW;

g. membership of the committee of a student organisation that the ministry has designated in the context of regulations on administrative provisions for national graduation support in higher education (‘Regeling administratieve bepalingen landelijke afstudeerun hoger onderwijs’);

h. activities in individual cases of general benefit to society or in the interest of the university, to be determined by the Dean with due regard to the guidelines established by the Executive Board.

i. championship sport status: the student has been granted official UvA status as a high-level athlete by the Dean and can show that his sports schedule has led to a study delay.

Article 4.10 – Fraud and Plagiarism
If the student acts in way that is in conflict with the ‘Fraud and Plagiarism Regulations governing students of the UvA’ or with the prescriptions provided in Article 4.7 regarding procedures during examinations, the Examinations Board will be informed of this in writing by the examiner. Any evidence should be sent with this report. The Examinations Board will determine the sanction after hearing the student and the lecturer.

Article 5 Examinations
Article 5.1 – Establishment of graduation requirements
1. The Bachelor’s or Master’s degree programme followed by the student should be in accordance with the Teaching and Examination Regulations applying in the academic year in which the curriculum is put to the Examinations Board for assessment or in which the student satisfies the graduation requirements.

2. If it is no longer possible to complete a curriculum as a result of the disappearance of courses, the Examinations Board will decide how the curriculum should be completed.

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

**Article 5.3 – Extra-curricular courses**

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

2. Extra courses can be listed on the Master’s degree certificate supplement on condition that the following requirements are satisfied:
   a. the course was passed at the UvA or another Dutch university, or at a university abroad;
   b. the course was passed during the period in which the student was enrolled for a degree programme at Economics and Business Administration;
   c. the level of the course should be that of a Master’s course;
   d. the content of the course is related to the Master’s programme;
   e. there is no overlap between the course and other courses in the student’s Master’s programme;
   f. exemptions for extra-curricular subjects are not permitted.

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

**Article 5.4 – Cum laude**

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

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

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

3. Extra-curricular study components and the results of courses passed abroad are not taken into account when assessing whether a student should be given a *cum laude* class.
Appendix IV: Rules and Guidelines of the Examinations Board 2019-2020

Transitional provision:
Bachelor’s students who commenced their degree programme prior to 01-09-2016 are not required to complete their programme within the nominal study duration.
Bachelor’s students who commenced their degree programme on 01-09-2016 are eligible to be awarded the class of ‘cum laude’ if they complete their degree within four years (nominal +1).
Students who commenced their degree programme prior to 01-09-2017 will receive an NAP registration as an exam attempt.

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

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

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

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

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

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

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

6. Bachelor’s students who commenced their degree programme prior to 01-09-2017 can be exempted from courses totalling a maximum of 90 ECTS. However, the following exceptions apply for these students:
   - Students who have a completed Bachelor’s in Economics and Business Administration cannot request an exemption for the minors or the optional subjects of the Bachelor’s in Fiscal Economics.
   - Students who have a completed Bachelor’s in Fiscal Economics cannot request an exemption for the minors or optional subjects of the Bachelor’s in Economics and Business Administration.
   - Students who have a completed Bachelor’s in Econometrics and Operations Research cannot request an exemption for the minors or the optional subjects of the Bachelor’s in Actuarial Science.
   - Students who have a completed Bachelor’s in Actuarial Science cannot request an exemption for the minors or the optional subjects of the Bachelor’s in Econometrics and Operations Research.
• Students who are following both the Bachelor’s in Econometrics & Operations Research and the Bachelor’s in Actuarial Science can only request an exemption for courses that are compulsory for both degree programmes. It is not possible to request an exemption for electives within the degree programme in Econometrics & Operations Research or for the electives within the degree programme in Actuarial Science.

• Students who are following both the Bachelor’s in Economics and Business Administration and the Bachelor’s in Fiscal Economics can only request an exemption for courses that are compulsory for both degree programmes. It is not possible to request an exemption for electives within the degree programme in Economics and Business Administration or for the electives within the degree programme in Fiscal Economics.

Article 7 Retention periods
Paper versions of Bachelor’s theses or Bachelor’s graduation projects and Master’s theses will be retained for at least seven years. Digital versions will be retained indefinitely. Examination problems and computations, including projects and other written materials for which a mark or interim mark has been given and examination results, as well as Bachelor’s theses or Bachelor’s projects and Master’s theses, certificates and certificate supplements, will be retained in accordance with the time periods set out in the Archiving Guide for Programming Administrations.

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

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

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

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

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

Adopted on 19-06-2019 by the Examinations Board for the degree programmes stated in Article 1.1 of these regulations.