



university of
 groningen

faculty of economics
 and business

Faculty of Economics and Business

Teaching and Examination Regulations
 Bachelor's and Master's degree
 programmes
 2017-2018

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Regulations and Guidelines of the Board
 of Examiners

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Other Regulations

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Student Charter

Colophon

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I Teaching and Examination Regulations Bachelor's degree programmes 2017-2018

Section 1 General provisions

Article 1.1 Scope

1. These Teaching and Examination Regulations (OER) apply to the teaching, the examinations and assessment of the following Bachelor's degree programmes:
 - a) BSc Business Administration (BDK).
 - b) BSc Econometrics and Operations Research (EOR).
 - c) BSc Economics and Business Economics (E&BE).
 - d) BSc International Business (IB).

Hereinafter referred to as: the degree programmes,
and the following Pre-Master's programmes:

- a) Pre-MSc A&C for HBO-AC.
- b) Pre-MSc A&C for HBO-BE.
- c) Pre-MSc A&C for HBO other programmes.
- d) Pre-MSc Algemene Economie voor de Lerarenopleiding.
- e) Pre-MSc BA Change Management (CM).
- f) Pre-MSc BA Organizational and Management Control (O&MC).
- g) Pre-MSc BA Small Business and Entrepreneurship (SB&E).
- h) Pre-MSc BA Strategic Innovation Management (SIM).
- i) Pre-MSc Finance.
- j) Pre-MSc Human Resource Management (HRM).
- k) Pre-MSc International Business and Management (IB&M).
- l) Pre-MSc International Economics and Business (IE&B).
- m) Pre-MSc International Financial Management (IFM).
- n) Pre-MSc Marketing.
- o) Pre-MSc Supply Chain Management (SCM).
- p) Pre-MSc Technology and Operations Management (TOM).

Hereinafter referred to as: the Pre-Master's programmes,
and to all students¹ enrolled in one of the degree programmes or Pre-Master's programmes.

2. The degree programmes and Pre-Master's programmes are organized by the Faculty of Economics and Business (FEB) of the University of Groningen (henceforth referred to as 'the Faculty' or 'FEB').
3. These Teaching and Examination Regulations also apply to students of other degree programmes, faculties or institutes of higher education, insofar as they take courses of one of the degree programmes or Pre-Master's programmes.
4. Notwithstanding the provisions in Article 9.9.2, courses of other degree programmes, faculties or institutes of higher education, taken by FEB-students, are subject to the Teaching and Examination Regulations of those programmes, faculties or institutes and to the decisions of the relevant Board of Examiners.
5. These Teaching and Examination Regulations also apply to the Entrepreneurship Minor offered by the Faculty, and to students who take (courses of) this minor.
6. These Teaching and Examination Regulations also apply to the Double Degree Bachelor programmes offered by the Faculty in collaboration with foreign partner universities, i.e.:
 - a) Double Degree programme of the **BSc Econometrics and Operations**

1 For the sake of convenience, these regulations will only use the third person masculine pronoun.

- Research** (FEB) and the Undergraduate Programme in Economics of the *Fudan* University, School of Economics, Shanghai, China.
- b) Double Degree programme of the **BSc Economics and Business Economics**, profiles Economics and International Economics and Business (FEB) and the Undergraduate Programme in Economics of the *Fudan* University, School of Economics, Shanghai, China.
 - c) Double Degree programme of the **BSc International Business** (FEB) and the International Undergraduate Programme in Business and Economics of the Universitas *Gadjah Mada*, Faculty of Economics and Business, Yogyakarta, Indonesia.
 - d) Double Degree programme of the **BSc International Business** (FEB) and the International Undergraduate Programme in Business and Economics of the Universitas *Indonesia*, Faculty of Economics and Business, Jakarta, Indonesia.
 - e) Double Degree programme of the **BSc International Business** (FEB) and the *Institute of Technology Bandung*, Indonesia.
 - f) Double Degree programme of the **BSc International Business** (FEB) and the EBP International BSc programme of the *KEDGE* Business School, Bordeaux, Frankrijk.

Hereinafter referred to as: the Double Degree Bachelor programmes insofar as it concerns courses taken by students at the Faculty.

The courses of the Double Degree bachelor programmes taken by students at a partner university are subject to the teaching and examination regulations of that university. The Faculty and the partner university are jointly responsible for the programme and for the award of diplomas.

Article 1.2 Definitions.

The following definitions apply to these Regulations

- a. Act, WHW: Wet op het hoger onderwijs en wetenschappelijk onderzoek (Higher Education and Research Act).
- b. Student: he who is enrolled as a Bachelor student at the University of Groningen after having paid a tuition fee. His enrolment rights are covered by Article 7.34 of the Act;
he who is enrolled as a Pre MSc student at the University of Groningen after having paid a compensation fee according to Article 7.51i of the Act.
- c. Degree programme: one of the Bachelor's degree programmes listed in Article.1.1 of these regulations.
- d. Profile: a variant within a degree programme that leads to a diploma.
- e. Module or Course: a part of the degree programme as defined in Article 7.3 of the Act.
- f. Ocasys: the electronic course catalogue of the University of Groningen specifying the degree programmes and the content of the courses in the degree programmes (<http://www.rug.nl/ocasys>).
- g. ECTS credit (EC): international unit expressing student work load of courses; according to the European Credit Transfer and Accumulation System, one ECTS credit point (EC) equals 28 hours of study.
- h. Propaedeutic phase: the initial phase of the Bachelor's degree programme as defined in Article 7.8 of the Act.
- i. Post-propaedeutic phase: the part of the Bachelor's degree programme following the propaedeutic phase.
- j. Study progress overview: A written overview of study results and corresponding ECs.

I Teaching and Examination Regulations Bachelor's degree programmes 2017-2018

- k. Preliminary study advice: A study progress overview including a preliminary study advice issued halfway the first year of study.
- l. Definitive study advice: a study advice that is issued only once and which may result in rejection of the student in question, in accordance with Articles 7.8b.1 and 7.8b.2 of the Act.
- m. BSA (Binding study advice): negative study advice prohibiting the student to enrol in the degree programme concerned for two consecutive years.
- n. Minor slot: slot allotted to differentiation in the programme.
- o. Faculty minor: coherent course package, broadening or deepening the degree programme offered by the Faculty.
- p. University minor: coherent course package, not necessarily related to the degree programme, offered by another faculty.
- q. Foreign minor: course package offered by a foreign university, to be followed by the student abroad.
- r. Pre-Master's/Pre-MSc programme: a programme intended to remedy deficiencies for admission to a Master's degree programme.
- s. Examination: an examination of the knowledge, understanding and skills of the student, as well as an assessment of the results of the research as a part of the final assessment.
- t. Partial examination: a part of an examination, sat at a time and place different from the usual time and place of examination.
- u. Final assessment: the final assessment for the Bachelor's degree programme.
- v. Examiner: a person appointed by the Board of Examiners to set examinations and determine their results.
- w. Academic year: the period of time that starts on 1 September and ends on 31 August of the following year.
- x. Semester: part of the academic year, either starting on 1 September and ending on a date to be determined by the Board of the University on or around 31 January, or starting on the aforementioned date determined by the Board of the University and ending on 31 August. A semester may be divided into two blocks.
- y. Practical: a practical assignment as referred to in Article 7.13 of the Act, in one of the following forms:
- a thesis.
 - a written assignment, paper or draft.
 - a research assignment.
 - participation in a field trip or excursion.
 - completion of an internship.
 - participation in another educational activity designed to teach certain skills.
- z. Board of Examiners: an independent board charged with the duties and powers as laid down in Articles 7.11, 7.12 and 7.12b, and 7.12c of the Act, including assessing whether the requirements of the final assessment have been met.
- aa. Admissions Board: the board that has decision-making powers in matters concerning admission to the degree programme on behalf of the Faculty Board.
- ab. VWO-diploma: pre-university certificate in accordance with Article 13.1 of the Secondary Education Act or Article 7 of the Secondary Education Act BES.
- ac. Programme committee: the consultative and advisory body that fulfils the duties referred to in Article 9.18 of the Act.

- ad. Regular student: a student who is not a part-time student, Minor student or non-degree exchange student.
- ae. Matching: Matching: matching activities and degree programme advice in accordance with Article 7.31a a.f. of the Act, further elaborated in Chapter 3 of the University of Groningen Regulations for Registration and Tuition Fees (RIC).
- af. University Board: the Board of the University of Groningen.
- ag. Faculty Board: the Board of the Faculty of Economics and Business of the University of Groningen.
- ah. Faculty Council: the participation council that fulfils the duties referred to in Articles 9.37 a.f. of the Act.

The other definitions shall have the meaning that the Act ascribes to them.

Article 1.3 Objectives and learning outcomes of the degree programmes

1. The objectives and learning outcomes of the Bachelor's degree programme in Business Administration can be found in Appendix 1.1.
2. The objectives and learning outcomes of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 1.2.
3. The objectives and learning outcomes of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 1.3.
4. The objectives and learning outcomes of the Bachelor's degree programme in International Business can be found in Appendix 1.4.
5. The University's digital course catalogue Ocasys sets out the course specific learning goals of the modules.

Article 1.4 Direct admission to Master's degree programmes

1. The Bachelor's degree in **Business Administration** grants *direct* admission to the following Master's degree programmes offered by the Faculty:
 - a) MSc Accountancy and Controlling.²
 - b) MSc Business Administration.
 - c) MSc Finance.³
 - d) MSc Human Resource Management.
 - e) MSc International Business and Management.
 - f) MSc International Economics and Business.
 - g) MSc International Financial Management.
 - h) MSc Marketing.
 - i) MSc Supply Chain Management.
 - j) MSc Technology and Operations Management.
 - k) MSc Teaching Economics and Business Studies.⁴
2. The Bachelor's degree in **Econometrics and Operations Research** grants *direct* admission to the following Master's degree programmes offered by the Faculty:
 - a) MSc Econometrics, Operations Research and Actuarial Studies.
 - b) MSc Business Administration.
 - c) MSc Economics.

2 Entry only with the BSc Business Administration, Accountancy and Controlling profile.

3 Additional entry requirement: Minor Finance.

4 Additional entry requirement: 10 ECs of modules on General Economics. As of 1 September 2018 the minor Algemene Economie voor de Lerarenopleiding (General Economics for the MSc Teaching Economics and Business) (30 ECs) counts as entry requirement.

- d) MSc Finance.⁵
 - e) MSc International Business and Management.
 - f) MSc International Economics and Business.
 - g) MSc Marketing.
 - h) MSc Supply Chain Management.
 - i) MSc Technology and Operations Management.
 - j) MSc Teaching Economics and Business Studies.
3. The Bachelor's degree in **Economics and Business Economics** grants *direct* admission to the following Master's degree programmes offered by the Faculty:
- a) MSc Economics.
 - b) MSc International Economics and Business.
 - c) MSc Business Administration.
 - d) MSc Finance.⁶
 - e) MSc Human Resource Management.
 - f) MSc International Business and Management.
 - g) MSc International Financial Management.
 - h) MSc Marketing.
 - i) MSc Supply Chain Management.
 - j) MSc Technology and Operations Management.
 - k) MSc Teaching Economics and Business Studies.
4. The Bachelor's degree in **International Business** grants *direct* admission to the following Master's degree programmes offered by the Faculty:
- a) MSc International Business and Management.
 - b) MSc Business Administration.
 - c) MSc Finance.⁷
 - d) MSc Human Resource Management.
 - e) MSc International Economics and Business.
 - f) MSc International Financial Management.
 - g) MSc Marketing.
 - h) MSc Supply Chain Management.
 - i) MSc Technology and Operations Management.
 - j) MSc Teaching Economics and Business Studies.⁸

5 Additional entry requirement: Intermediate Asset Pricing (EBB084A05) and Corporate Finance for E&BE (EBB079A05).

6 Additional entry requirement: Intermediate Asset Pricing (EBB084A05) and Corporate Finance for E&BE (EBB079A05).

7 Additional entry requirement: Minor Finance.

8 Additional entry requirement: 10 ECs of modules on General Economics. As of 1 September 2018 the minor Algemene Economie voor de Lerarenopleiding (General Economics for the MSc Teaching Economics and Business) (30 ECs) counts as entry requirement.

Section 2 Entry requirements

Article 2.1 Start of the degree programmes

1. The programmes start once a year; i.e. 1 September.
2. Admission to or reenrolment in one of the programmes is only possible from 1 September.
3. In special circumstances the Admission Commission can grant admission, at a student's request, at another time, i.e. 1 November, 1 February or 1 April.
4. The provision of Article 2.1.3. only applies to regular students who can be admitted to the post-propaedeutic phase.

Article 2.2 Admission to the degree programmes

1. Notwithstanding the provisions of Article 2.2.4, students who have a VWO (pre-university education) diploma with one of the following profiles:

Profile	Additional requirements
Economics and Society	
Nature and Technology	
Nature and Health	
Culture and Society	WiA or WiB
(Wi = Mathematics)	
The following applies to holders of a VWO diploma gained before September 2009: WiB1 instead of WiB, WiA1,2 instead of WiA.	

are admissible to the Bachelor's degree programmes in

- a) Business Administration
 - b) Economics and Business Economics
 - c) International Business
2. Students who have a VWO (pre-university education) diploma with one of the following profiles:

Profile	Additional requirements
Economics and Society	WiB
Nature and Technology	
Nature and Health	WiB
Culture and Society	WiB
(Wi = Mathematics)	
The following applies to holders of a VWO diploma gained before September 2009: WiB1 instead of WiB.	

are admissible to the Bachelor's degree programme in Econometrics and Operations Research.

3. Students with an HBO (higher professional education) diploma or an HBO propaedeutic certificate who demonstrate to the Board of Examiners' satisfaction that they have sufficient command of Mathematics and English are admissible to the Bachelor's degree programmes.

Article 2.3 Deficiencies

1. The holder of a VWO diploma awarded under the 31 July 1998 provisions applying to or pursuant to the Secondary Education Act may compensate for deficiencies in the subjects listed below by passing before registration for the degree programme the relevant examinations at the level of the VWO final examination to the satisfaction of the Board of Examiners:
 - a) Mathematics (Wiskunde) B for the Econometrics and Operations Research degree programme.
 - b) Mathematics (Wiskunde) A for the other Bachelor's degree programmes offered by the Faculty.

Article 2.4 Language requirement

1. Students who have been admitted to a degree programme on the basis of a foreign certificate or degree may be asked by the Admission Board – before registration – to take a Dutch or English language test, depending on the language of the chosen degree programme, The test is to be administered by an agency stipulated by the Board of Examiners.
2. The Dutch language proficiency requirement will be met by passing the state examination in Dutch as a Second Language (NT2).
3. The English language proficiency requirement will be met by passing an examination in English at the level of the VWO final exam or competence of English at a level equivalent to one of the following test scores:
 - an internet-based (iBT) TOEFL score of 90, or
 - a computer-based (CBT) TOEFL score of 237, or
 - a paper-based (PBT) TOEFL score of 580, or
 - an IELTS score of 6.5, or
 - level A, B, C on a Cambridge Proficiency certificate.

Article 2.5 University entrance examination (Colloquium Doctum)

1. The Admissions Board is charged with the execution of the investigation into admission, as per Article 7.29 of the Act.
2. The person who wishes to take the entrance examination (colloquium doctum) must have reached the age of twenty-one on the date of the investigation. This requirement can be waived if the person concerned is in possession of a diploma awarded outside the Netherlands. The age requirement can also be waived if the person concerned has refugee status and is unable to show his diploma for that reason.
3. The entrance examination refers to the following subjects at the stated level:
 - a) For the Bachelor's degree programme in Business Administration:
 - Mathematics: Wiskunde A at VWO final exam level, and
 - Dutch: at VWO final exam level, and
 - English: at VWO final exam level.
 - b) For the Bachelor's degree programme in Economics and Business Economics:
 - Mathematics: Wiskunde A at VWO final exam level, and
 - English: at VWO final exam level.
 - c) For the Bachelor's degree programme in Econometrics and Operations Research:
 - Mathematics: Wiskunde B at VWO final exam level, and
 - English: at VWO final exam level.
 - d) For the Bachelor's degree programme in International Business:
 - Mathematics: Wiskunde A at VWO final exam level, and

- English: at VWO final exam level.
4. The testimony of passing the colloquium successfully gives entitlement to admission to the relevant programme for a period of two academic years after the colloquium was taken.

Article 2.6 Admissions Board

1. The Admissions Board has the power to decide in matters concerning admission to the degree programme on behalf of the Faculty Board.
2. The Admissions Board consists of the Programme Directors of the Bachelor's degree programmes of the Faculty.
3. The Director of Education of the Faculty will be appointed as advisory member and as secretary.
4. The Faculty Board will set out the admissions procedure.

Article 2.7 Matching

1. Prospective students are required to participate in the matching activities related to the degree programme in question. Prospective students will be issued with a degree programme advice based on their participation in the matching activities.
2. The stipulations in the University of Groningen Regulations for Registration and Tuition Fees (RIC) and the Faculty matching procedure apply.

Article 2.8 Admission to the Pre-Master's programmes

1. Direct admission to the Pre-Master's programme preparing for the following Master's degree programmes:
 - a) MSc Accountancy and Controlling,
 - b) MSc Business Administration,
 - c) MSc Finance,
 - d) MSc Human Resource Management,
 - e) MSc International Business and Management,
 - f) MSc International Economics and Business,
 - g) MSc International Financial Management,
 - h) MSc Marketing,
 - i) MSc Supply Chain Management,
 - j) MSc Technology and Operations Management,will be granted to holders of a Bachelor's degree of an accredited degree programme of a Dutch university of applied sciences with a study load of 240 ECs or a Bachelor's degree of an accredited degree programme of a Dutch university with a study load of 180 ECs. These students must also have sufficient knowledge of English as set out in Article 2.8.5.
2. In addition to the the provisions of Article 2.8.1 direct admission to the special Pre-Master's programmes HBO-AC and HBO-BE preparing for the Master's degree programmes Accountancy and Controlling, will be granted to holders of one of the certificates set out in Appendix 10. For admission to the Pre-MSc Algemene Economie voor de Lerarenopleiding, the Admissions Board will decide whether a candidate is admitted or not.
3. Students can, within a period of three years, be admitted to only one of the pre-master's programmes as mentioned in Article 2.8.1. and Article 2.8.2. This admission is valid for one year and is only granted once. It will only be extended – for a maximum of one year – if a student has earned at least 50 ECs of the Pre-Master's programme during the year of admission. For the Pre-Master's programme Pre-MSc A&C for HBO-AC and Pre-MSc Algemene Economie voor de

- Lerarenopleiding the requirement for extension is at least 20 ECs.
4. In the event that the admission to the Pre-Master's programme is not extended, the student can be admitted to the regular Bachelor's degree programme at his request.
 5. Students are deemed to have met the entry requirement of 'sufficient knowledge of English' if they meet one of the following requirements:
 - a) native-speaker command of English.
 - b) command of English at a level equivalent to one of the following test scores:
 - a score of 90 on an internet-based (iBT) TOEFL test, or
 - a score of 237 on a computer-based (CBT) TOEFL test, or
 - a score of 580 on a paper-based (PBT) TOEFL test, or
 - a score of 6.5 on an IELTS test, or
 - level A, B, C in a Cambridge Proficiency or Advanced test, or
 - level B2+ (also referred to as B2.2⁹) in the written and oral parts of the English entrance examination.
 - c) Having passed the English for BE course (EBB021A05), the English Course for Business Administration (EBB614B05) or an equivalent course.
 - d) Having successfully completed one of the English-taught Bachelor's degree programmes at the Faculty of Economics and Business.
 6. Students with a Bachelor's degree that does not satisfy the requirements set out in Article 2.8.1 and Article 2.8.2 and students who have completed an equivalent degree programme may apply to the Admissions Board of the Master's degree programmes for admission to a Pre-Master's degree programme.
 7. For students who cannot be directly admitted to the MSc Economics and/or the MSc EORAS the Admission Committee of the master programmes can, at the student's request, determine an individual Pre-Master's programme. Article 2.8.3. is applicable, on the understanding that at the same time as the individual programme the progress requirement after 1 year is set.
 8. A pre-condition for registration in one of the pre-MSc programmes is a completed registration, on 1 July prior to the year of registration, in OAS, the Online Application System of the RUG.

Article 2.9 Admission to the Entrepreneurship minor

Admissible to the Entrepreneurship minor are students enrolled in a bachelor's degree programme of the University of Groningen, not offered by the Faculty Economics and Business, on condition that they have successfully completed the propaedeutic phase.

Article 2.10 Admission to the Innovation & Entrepreneurship minor

Students who are registered for the bachelor programme Business Administration of the University of Groningen have admission to the Innovation & Entrepreneurship minor, on condition that they have the propaedeutic certificate of the these programmes concerned. Definitive admission to the Innovation & Entrepreneurship minor takes place on the basis of a motivation letter, which must be submitted by the student to the minor co-ordinator no later than 1 July preceding the academic year the student wishes to take this minor.

9 Specification of Level B2+ / B2.2:
Speaking: The student is able to provide clear, detailed descriptions and presentations, placing appropriate emphasis on main points and relevant supporting details.
Writing: The student is able to write an essay or report, building up a line of reasoning in a systematic way and placing appropriate emphasis on main points and relevant supporting details. In addition, he is able to formulate different ideas or solutions to a problem.

Section 3 Structure of the degree programmes

Article 3.1 Types of degree programme

The degree programmes are full-time programmes.

Article 3.2 Structure of study programmes and final assessment

1. The degree programmes are divided into a propaedeutic phase and a post-propaedeutic phase.
2. The following examinations may be taken: the final assessment for the Bachelor's degree.

Article 3.3 Language of instruction

1. The teaching, the examinations and final assessments for the degree programme in Business Administration will in principle be taught in Dutch. Exceptions to this rule will be indicated in Ocasys.
2. The degree programmes in 'Econometrics and Operations Research', 'Economics and Business Economics' and 'International Business' will be taught in English. The examinations and the final assessment will also be taught in English.

Article 3.4 Study load

1. The study programmes have a study load of 180 ECs.
2. The propaedeutic phase has a study load of 60 ECs.
3. The programme of students enrolled in two Bachelor's degree programmes or two profiles of one Bachelor's degree programme must comprise at least 200 ECs worth of post-propaedeutic courses.
4. Study load is expressed in whole ECs.

Article 3.5 Contact hours

1. The propaedeutic phase of the degree programme comprises a minimum of 480 contact hours a year.
2. The post-propaedeutic phase of the degree programme comprises a minimum of 200 contact hours a year.
3. The structure of the contact hours is set out in Appendix 4 of this Teaching and Examination Regulations or is registered in the Student Handbook and/or Ocasys.

Article 3.6 Participation in courses

1. Students may participate in courses of the degree programme if they register in time via <https://progresswww.nl/rug/>.
2. Registration for more than 20 ECs per block is only possible with the permission of the programme of registration.
3. The deadlines for registration in courses are mentioned in the Student Handbook.
4. Timely registration is necessary to be assured of participation in the courses.
5. If the number of registrations exceeds capacity the Faculty Board may decide to restrict participation in a course. This restriction only applies to students for whom the course in question is not a compulsory part of the curriculum.
6. The Faculty Board may decide to apply selection methods for some courses. This selection method, in the form of an application procedure, will be carried out by or on behalf of the Faculty Board.

Section 4 The propaedeutic phase of the degree programmes

Article 4.1 Structure of the propaedeutic phase

1. The propaedeutic courses of the Bachelor's degree programme in Business Administration can be found in Appendix 2.1.
2. The propaedeutic courses of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 2.2.
3. The propaedeutic courses of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 2.3.
4. The propaedeutic courses of the Bachelor's degree programme in International Business can be found in Appendix 2.4.
5. The University's digital course catalogue Ocasys sets out the learning goals, content and teaching methods of the courses of the various degree programmes in more detail, including the level of prior knowledge preferred, or in some cases compulsory, to take the course in question.

Article 4.2 Practical assignments in the propaedeutic phase

The propaedeutic courses for which practical assignments must be completed in order to qualify for the examination can be found in Appendix 3.

Section 5 Study progress, including the BSA system

Article 5.1 Study progress overview

1. In the first year of registration in the propaedeutic phase of the degree programme, students will receive a study progress overview at the end of the first block of the academic year, and no later than the end of the first semester of the degree programme, comprising an overview of the ECs earned so far.
2. Additional study progress overviews will be sent to students later in the academic year.

Article 5.2 Preliminary study advice

1. In the first year of registration in the propaedeutic phase of the degree programme, after the end of the regular examinations of the first semester, however before 1 March students will receive a written preliminary study advice.
2. The preliminary study advice should be considered as a warning in case of insufficient study progress, giving students the chance to improve their performance.
3. If the study progress is insufficient to such an extent that the student cannot reasonably be expected before the end of the first year to satisfy the conditions for receiving a positive (or conditionally positive) study advice as listed in Article 5.3.2a, he will be invited to a meeting. The aim of the meeting is to discuss the student's study habits, to reassess the choice of degree programme and perhaps to refer to a different degree programme.

Article 5.3 Definite study advice

1. At the end of the first year of registration in the degree programme, after the second semester resits and no later than 31 July, students receive a written definitive study advice.
2. The definitive study advice is
 - a) positive, if the student has earned at least 45 ECs of the propaedeutic degree programme.
 - b) negative, if the student has earned less than 45 ECs of the propaedeutic degree programme. A negative study advice is binding on students (BSA) in accordance with Article 7.8b.3 of the Act.
3. When determining the number of ECs earned, only those ECs awarded upon passing the propaedeutic courses within the meaning of Article 4.1 shall be taken into consideration. ECs awarded for exemptions or after passing partial examinations will count towards the total.
4. The Faculty Board will take into consideration concerning the definite study advice:
 - a) extraordinary circumstances within the meaning of Article 5.5 will be taken into account in the decision about which study advice to issue in the first year of registration in the degree programme.
 - b) if, due to personal circumstances that occurred in the first year, no assessment can be issued about the suitability for the programme of the student, notwithstanding Article 5.3.2, the assessment can be postponed till a later time in the propaedeutic phase. A modified threshold may be used for the student concerned.

Article 5.4 Further provisions concerning the definite study advice

1. Students who register for the propaedeutic phase of two or more degree programmes will be issued a study advice for each of the degree programmes for which they have registered. As soon as a student passes the positive BSA threshold for one of the degree programmes, the requirement to pass this threshold lapses for the other degree programmes.
2. Students who have completed the propaedeutic phase of a university degree programme at the RUG or another Dutch university will not be issued with a study advice as set out in Article 5.3.
3. No study advice will be issued to students who are de-registered as of 1 February of the first year of registration in the propaedeutic phase of the degree programme. If, in a subsequent academic year, they re-register for the same programme or a programme belonging to the same cluster (see Article 5.7) they are deemed to have started studying anew and consequently the same threshold apply to them that also apply to propaedeutic students who had not registered before for the programme.
4. Students who register as of 1 February for the propaedeutic phase of one of the degree programmes and who were not previously registered as a student for that programme or for one of the programmes for which according to the provisions in Article 5.7 a negative study advice would be applicable that same year, must have earned at least 20 ECs in the second semester of their programme by the end of the first year of study in order to qualify for a positive study advice. For all students that have been registered before 1 February for shorter or longer periods of time for the same degree programme the threshold of Article 5.3 apply.
5. All students who have been issued with a postponed study advice with either a modified BSA threshold or not are expected to draw up a study plan in consultation with their assigned supervisor, comprising at least the following:
 - a) the propaedeutic courses that have not yet been passed with a time line.
 - b) the post-propaedeutic courses that may be followed subsequent to the courses listed in Article 5.4.5a.

Article 5.5 Personal circumstances

1. When deciding whether to issue a negative study advice (BSA), the Faculty Board will take a student's personal circumstances into account at a student's request. The evaluation of personal circumstances will also take into account the student's study behaviour, the agreements made and/or the study plan drawn up in consultation with the study advisor, when the personal circumstances were reported and the study results achieved by the end of the first year of study.
2. To enable the faculty to support a student as well as possible the student must report personal circumstances as soon as possible to the study advisor. At the request of the student the faculty board will decide, after advice of the faculty BSA committee, on an adaptation of the BSA norm for the student concerned. Also in case the study planning drawn up with the study advisor, whether or not based on adapted BSA threshold, is not achieved the student must still report this as soon as possible to the study advisor.
3. If the study advice is postponed according to Article 5.3b, then the study advice shall be issued no later than at the end of the second year of registration for the programme,
 - a) the postponed study advice is converted into an advice, if the BSA threshold is achieved whether modified or not.
 - b) the student will still get a negative study advice (BSA), if he has failed to achieve the threshold whether or not modified, in the second year of registration.

4. Personal circumstances as referred to in Article 5.5.1 do not automatically lead to a successful application for a grant from the Graduation Fund.

Article 5.6 Procedure for issuing a study advice

1. The study advice as set out in Article 5.2 and Article 5.3 is issued by the Faculty Board on behalf of the Board of the University. The decision will also state the applicable safeguards of legal rights.
2. Before a negative study advice is issued, the student in question will be notified of this intention and will be given the opportunity to put his case to the Faculty Board or a representative thereof.

Article 5.7 Consequences of a negative study advice

1. A negative study advice bans the student for a period of two years from registering or re-registering for the degree programme(s) to which the advice applies.
2. A negative study advice applies to all profiles of the degree programme(s) for which it has been issued.
3. A negative study advice for the Bachelor's degree programme in Business Administration also applies to the Bachelor's degree programme in International Business.
4. A negative study advice for the Bachelor's degree programme in International Business also applies to the Bachelor's degree programme in Business Administration.
5. It is not permitted to follow courses in this degree programme via a different degree programme or educational institution in order to avoid the consequences of a binding (negative) study advice. No exemptions will be granted for courses completed in this way, nor will such completed courses be recognized within the framework of the degree programme in any other way.

Section 6 Admission to the post-propaedeutic phase

Article 6.1 Admission to the post-propaedeutic phase of BA

1. Students who have completed the propaedeutic phase in Business Administration will be *directly* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Business Administration.
2. Students who have completed the propaedeutic phase in **Economics and Business Economics** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Business Administration. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
 - a) Gedrag in organisaties (5 EC, EBP607A05).
 - b) Informatiemanagement BDK (5 EC, EBP024A05).
 - c) Management Accounting BDK (5 EC, EBP026A05).
 - d) Organisatie en Technologie BDK (5 EC, EBP618B05).
 - e) Supply Chain Operations (5 EC, EBP029A05).Having completed these courses, the student will be exempted from the following post-propaedeutic courses:
Financial Management BDK (5 EC, EBB046A05) and Kwantitatieve onderzoeksmethoden (5 EC, EBB051A05).
3. Students who have completed the propaedeutic phase in **International Business** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Business Administration. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
 - a) Informatiemanagement BDK (5 EC, EBP024A05).
 - b) Management Science (5 EC, EBP025A05).
 - c) Organisatie en omgeving (5 EC, EBP028A05).

Article 6.2 Admission to the post-propaedeutic phase of EOR

Students who have completed the propaedeutic phase in Econometrics and Operations Research will be *directly* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Econometrics and Operations Research.

Article 6.3 Admission to the post-propaedeutic phase of E&BE

1. Students who have completed the propaedeutic phase in Economics and Business Economics will be *directly* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics.
2. Students who have completed the propaedeutic phase in **Business Administration** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
 - a) Asset Pricing and Capital Budgeting (5 EC, EBP032A05).

- b) English for E&BE (5 EC, EBP837B05).
 - c) International Economics for E&BE (5 EC, EBP810B05).
 - d) Macroeconomics for E&BE (5 EC, EBP812B05).
 - e) Mathematics and Data Analysis for E&BE (5 EC, EBP034A05).
 - f) Mathematics for E&BE (5 EC, EBP817B05).
 - g) Microeconomics for E&BE: Consumers&Firms (5 EC, EBP819B05).
3. Students who have completed the propaedeutic phase in **Econometrics and Operations Research** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
- a) English for E&BE (5 EC, EBP837B05).
 - b) Financial Accounting for E&BE (5 EC, EBP802B05).
 - c) International Economics for E&BE (5 EC, EBP810B05).
 - d) Macroeconomics for E&BE (5 EC, EBP812B05).
 - e) Marketing for E&BE (5 EC, EBP033A05).
- Having completed these courses, the student will be exempted from the following post-propaedeutic course: Matrix Analysis and Optimization (5 EC, EBB066A05)
4. Students who have completed the propaedeutic phase in **International Business** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
- a) Asset Pricing and Capital Budgeting (5 EC, EBP032A05).
 - b) Macroeconomics for E&BE (5 EC, EBP812B05).
 - c) Mathematics and Data Analysis for E&BE (5 EC, EBP034A05).
 - d) Mathematics for E&BE (5 EC, EBP817B05).
 - e) Microeconomics for E&BE: Consumers&Firms (5 EC, EBP819B05).

Article 6.4 Admission to the post-propaedeutic phase of IB

1. Students who have completed the propaedeutic phase in International Business will be *directly* admitted to the post-propaedeutic phase of the Bachelor's degree programme in International Business.
2. Students who have completed the propaedeutic phase in **Business Administration** will be *provisionally* admitted to the post-propaedeutic phase of the Bachelor's degree programme in International Business. Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:
 - a) English for IB (5 EC, EBP665C05).
 - b) International Marketing for IB (5 EC, EBP661B05).
 - c) Introduction to International Business (5 EC, EBP003A05).
 - d) Research Methodology for IB (5 EC, EBP662C05).Having completed these courses, the student will be exempted from the following post-propaedeutic course: Information Systems Management (5 EC, EBB632A05).
3. Students who have completed the propaedeutic phase in **Economics and Business Economics** will be *provisionally* admitted to the post-propaedeutic

phase of the Bachelor's degree programme in International Business.

Provisional admission is valid for a maximum of one year and only applies to courses of the first year of the post-propaedeutic programme. Provisional admission will be converted into definitive admission as soon as a student has passed the following propaedeutic courses:

- a) Organizational Behaviour for IB (5 EC, EBP654D05).
- b) Organizational Structure (5 EC, EBP670C05).
- c) Global Supply Chain Management (5 ECs, EBP018A05).
- d) International Marketing for IB (5 ECs, EBP661C05).
- e) Introduction to International Business (5 ECs, EBP003A05).
- f) Research Methodology for IB (5 ECs, EBP662C05).

but they will be exempted from the following post-propaedeutic course:
Foreign Direct Investment, Trade & Geography (5 EC, EBB037A05).

Article 6.5 Provisional admission to the post-propaedeutic phase

1. Students who are enrolled in the second year of the degree programme and have not yet completed the propaedeutic phase are provisionally admitted to the post-propaedeutic phase, provided they have earned at least 45 ECs (including exemptions) of the propaedeutic programme.
2. When determining the number of ECs earned, the results of individual parts of examinations (tests, partial examinations and projects) do not count.
3. Provisional admission as set out in Article 6.5.1 only applies to courses of the first year of the post-propaedeutic phase. To participate in courses of the second year of the post-propaedeutic phase, the student must have passed the final assessment of the propaedeutic phase.
4. Provisional admission to the post-propaedeutic phase will be converted into definitive admission as soon as the student has completed the propaedeutic phase.
5. Provisional admission to the post-propaedeutic phase will expire if the student has not completed the propaedeutic phase at the end of the second year of registration. All post-propaedeutic courses passed will remain valid.

Article 6.6 Hardship clause applicable to the post-propaedeutic phase

The Board of Examiners can rule contrary to the provisions of Article 6.1 to Article 6.5 in situations where a substantive change or force majeure with respect to the (post) propaedeutic programme demonstrably leads to blatant unfairness. In that case, there must be a unique personal circumstance as a result of which admission in all reasonableness cannot be denied.

Section 7 The post-propaedeutic phase of the degree programmes

Article 7.1 Structure of the post-propaedeutic phase

1. The post-propaedeutic courses of the Bachelor's degree programme in Business Administration can be found in Appendix 5.1.
2. The post-propaedeutic courses of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 5.2.
3. The post-propaedeutic courses of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 5.3.
4. The post-propaedeutic courses of the Bachelor's degree programme in International Business can be found in Appendix 5.4.
5. Ocasys, the electronic course catalogue sets out the learning goals, content and teaching methods of the courses of the various degree programmes in more detail, including the level of prior knowledge preferred, or in some cases compulsory, to take the course in question.

Article 7.2 Practical assignments in the post-propaedeutic phase

The post-propaedeutic courses for which practical assignments must be completed in order to qualify for the examination can be found in Appendix 6.

Article 7.3 Electives and replacement of courses

1. In the post-propaedeutic phase of the degree programmes only post-propaedeutic courses of one of the degree programmes may be chosen as elective courses.
2. Contrary to the provisions of Article 7.3.1, the Board of Examiners, following a substantiated request by a student, may grant permission to
 - a) replace a course in the examination programme with another course offered by the University of Groningen or another university in the Netherlands or abroad that dovetails well with the degree programme, or
 - b) use one or more courses followed at the University of Groningen or another university in the Netherlands or abroad as electives in the degree programme.
3. When assessing a request as referred to in Article 7.3.2, the Board of Examiners will always evaluate the coherence of the set of courses (or parts thereof) and the level of the courses followed.

Article 7.4 Open Degree Programme

1. Within the programme a student can choose an Open Degree Programme: a programme that is unlike any other specified degree programme. To take an Open Degree Programme and to sit its examination the student will need prior approval by the Board of Examiners.
2. An application for the approval of an Open Degree Programme must be accompanied by a letter of motivation by the student, explaining, for instance, how this programme satisfies the learning objectives of the programme.

Section 8 Other specializations

Article 8.1 Minors

1. The third year of the degree programmes contains a minor slot worth 30 ECs. Students have to choose one from the following options:
 - a) University Minor.
 - b) Faculty Minor.
 - c) Foreign Minor.It is not possible to combine parts of different Minors.
2. Students of the degree programmes in 'Economics and Business Economics, International Economics & Business profile' and 'International Business' must choose a Foreign Minor.
3. Students who participate in the double degree bachelor programme Economics & Business Economics – Fudan University Shanghai, profile International Economics & Business and who have started with the Undergraduate Programme in Economics of the Fudan University School of Economics in Shanghai, must choose from either a foreign minor or the minor Economics & Business Economics.
4. The requirement of Article 8.1.1 does not apply to students of the degree programme Business Administration, Accountancy & Controlling profile.

Article 8.2 University Minors

1. University Minors consists of one or two coherent package(s) of courses outside the own field.
2. Students who wish to take a University Minor must choose from the list of University Minors compiled by the Committee of Deans each year and published in the internet database Ocasys, or choose the minor Business and Taxation offered by the Faculty of Law.
3. University Minors offered by the Faculty of Economics and Business may not be taken by students of that Faculty. Other University Minors that, in the opinion of the Board of the Examiners, have a substantial overlap with the own study programme may not be chosen as a minor either.

Article 8.3 Faculty Minors

1. Faculty Minors comprise a coherent course package determined by the Faculty that concentrates on broadening or deepening the knowledge of the own field or part thereof. Language courses may not be part of a Faculty Minor.
2. The Faculty offers the Faculty Minor **B&M/TM** for the BSc Business Administration programme. Its content and structure are described in Appendix 5.1.
3. The Faculty offers the Faculty Minor **Controlling** for the BSc Business Administration programme and the profiles Business Economics and Economics of the BSc Economics and Business Economics programme. The content and structure are described in Appendices 5.1 and 5.3.
4. The Faculty offers the Faculty Minor **E&BE** for the BSc Economics and Business Economics programme. The content and structure are described in Appendix 5.3.
5. The Faculty offers the Faculty Minor **Finance** for the BSc Business Administration programme. The content and structure are described in Appendix 5.1.
6. The Faculty offers the selective Faculty Minor **Innovation & Entrepreneurship** for the BSc Business Administration and the BSc Industrial Engineering and Management programmes. Their content and structure are described in Appendix 5.1. Entry requirements and the selection procedure are described in Article 2.10.

Article 8.4 Foreign Minors

1. A Foreign Minor may be compiled from courses offered by a foreign university and must total 30 ECs. They must be post-propaedeutic courses with no overlap with the own study programme.
2. For students of the International Business programme a minor abroad may consist of no more than 10 ECs in respect of language courses. For students of the Economics and Business Economics programme a minor abroad may consist of no more than 15 ECs in respect of non- economic or non- business courses, including no more than 6 ECs in respect of language courses in the language of the host country. The rule for students taking other programmes is that a minor abroad must not consist of more than 6 ECs for language courses, subject to the proviso that any language course chosen must be related to the language of the host country.
3. A Foreign Minor must be approved of in advance by the Board of Examiners, taking into account any programme-specific requirements as set out in Appendix 5.

Article 8.5 Entrepreneurship minor

1. The Faculty of Economics and Business offers a University Minor in Entrepreneurship. The contents and study load of this are stated in Appendix 7. The entry requirements are set out in Article 2.9.
2. The Entrepreneurship minor and/or modules thereof come under the authority of the Programme Committee of the Bachelor programme Business Administration.
3. The Entrepreneurship minor and/or modules thereof come under the authority of the Board of Examiners of the Faculty.

Article 8.6 'Honours' path

1. The Faculty participates in the University of Groningen Bachelor Honours College. This Bachelor's Honours programme is not a part of the regular bachelor's curriculum.
2. Students admitted to one of the Bachelor's degree programmes offered by the Faculty can take the Bachelor Honours Programme if they are selected by the Dean of the University of Groningen Honours College. The selection procedure for the honours programme can be found in the Teaching and Examination Regulations of the University of Groningen Honours College.
3. The total study load of the Bachelor's Honours programme is 45 ECs, divided over the three bachelor years.
4. The Bachelor Honours Programme, including the deepening Faculty part, is subject to the Teaching and Examination Regulations of the University of Groningen Honours College.
5. The results of the Bachelor's Honours programme are recorded on the Diploma Supplement of the Bachelor's degree certificate.

Article 8.7 Pre-Master's programmes

1. The Faculty of Economics and Business offers a number of Pre-Master's programmes that prepare students for the following Master's degree programmes and/or profiles:
 - a) MSc Accountancy and Controlling.
 - b) MSc Business Administration with the profiles
 - Change Management.
 - Organizational and Management Control.
 - Small Business and Entrepreneurship.

- Strategic Innovation Management.
 - c) MSc Finance.
 - d) MSc Human Resource Management.
 - e) MSc International Business and Management.
 - f) MSc International Economics and Business.
 - g) MSc International Financial Management.
 - h) MSc Marketing.
 - i) MSc Supply Chain Management.
 - j) MSc Technology and Operations Management.
2. Passing the Pre-Master's programme grants admission to the associated Master's degree programme or related Master's degree specialization.
 3. The contents and study load of the various Pre-Master's programmes are listed in Appendix 9.
 4. Admission requirements for the Pre-Master's programmes are laid down in Article 2.8.
 5. The stipulations concerning Pre-Master's programmes in the University of Groningen Regulations for Registration and Tuition Fees apply.

Article 8.8 Double Degree programmes

1. The Faculty offers the Double Degree Bachelor programmes as listed in Article 1.1.6, in collaboration with foreign partner universities.
2. A completed Double Degree Bachelor programme gives entitlement to a bachelor diploma of both participating institutes.
3. Substance and scope of the Double Degree Bachelor programmes can be found in Appendix 8.

Section 9 Examinations in the degree programme

Article 9.1 General

1. Each course is assessed by means of an examination.
2. The examination assesses students' academic development and mastery of the learning outcomes of the course.
3. The results of an examination are given as pass or fail, in numbers on a scale of 1 to 10, expressed as 6 or more for a pass and 5 or less for a fail.

Article 9.2 Participation in examinations

1. A student who registers for a course unit in the degree programme in accordance with Article 3.6 of the OER/TER is automatically registered for the examination for that course unit.
2. Notwithstanding the provisions of Article 9.2.1, students can register and deregister for examinations during certain periods to be further defined.

Article 9.3 Examination frequency and periods

1. Students will be given the opportunity to sit examinations twice per academic year for the courses of the degree programmes.
2. Students may sit an examination for a course that is no longer part of the curriculum twice in the year after it has been removed from the curriculum.
3. The examination periods will be published in the student handbook. Partial examinations may be set outside the stated periods.
4. Some parts of practicals may only be offered once in an academic year and can therefore only be examined once.

Article 9.4 Form of examinations

1. Examinations will be taken in the form stated in Ocasys.
2. At a student's request, the Board of Examiners may allow an examination to be taken in a form different from that stipulated above.
3. A mock version of each examination will be made available to practice.

Article 9.5 Admission to Thesis and Research Paper

1. To be eligible for supervision and assessment of the Bachelor's thesis of any of the degree programmes, students must have met the following requirements:
 - a) they must have been definitively admitted to the post-propaedeutic phase.
 - b) they must have earned at least 60 EC from the post-propaedeutic phase of the programme.
 - c) their Bachelor's programme must have been approved by the Board of Examiners.Moreover the following requirements hold:
 - d) for the Bachelor's programme Business Administration, profile B&M: taking or been taking the Academic Skills III course (EBB095A05).
 - e) for the Bachelor's programme Business Administration, profile TM: taking or been taking the Ontwerppraktijk course BDK/TM (EBB103A05).
2. To be eligible for supervision and assessment of the Pre-MSc Research Paper in the Pre-Masters programmes mentioned in Appendix 9, students must have passed the following courses:

a) Mathematics for Pre-MSc (EBS002A05), but for Pre-MSc HBO for other programmes: Internal Control (BSc) (EBB048A05).

b) Business Research Methods for Pre-MSc (EBS001A10).

In addition, the Pre-Master's degree programme must have been approved by the Board of Examiners.

Article 9.6 The Bachelor's Thesis

1. Two opportunities per year are offered for writing the Bachelor's Thesis.
2. The period or periods for writing the bachelor's thesis are published in the Student Handbook.
3. A thesis is exclusively written for one degree programme or profile. No exemptions are granted for theses based on a thesis written of a different degree programme or a different profile.
4. The Bachelor's Thesis will be assessed by the supervisor and a co-assessor. One of them is a qualified examiner and will sign the assessment form.
5. If, at the end of the period referred to in Article 9.6.2, the Bachelor's Thesis cannot be assessed as being sufficient by the supervisor one opportunity will be given, in a period to be determined by the organization, to achieve a 6 by means of an extra reparation assignment.
6. Further regulations on form, substance, time frame and assessment of the Bachelor's Thesis are included in the Regulations for Theses and Pre-MSc Research papers. These Regulations are part of these Teaching and Examination Regulations.
7. A Bachelor's Thesis is stored for at least 7 years by the Faculty Board.

Article 9.7 Oral examinations

1. Unless the Board of Examiners decides otherwise, an oral examination may only be taken by one student at a time.
2. Oral examinations are public, unless the Board of Examiners or the examiner stipulates otherwise or the student objects to the public nature of the examination, but in all cases on condition that the Board of Examiners has given its approval.

Article 9.8 Examination provisions in special circumstances

1. If not granting a student an individual examination provision would lead to an 'exceptional instance of unfairness of overriding nature', the Board of Examiners may decide to grant such a provision contrary to the stipulations of Article 9.3.
2. Requests for individual examination provisions, including documentary evidence, must be submitted to the Board of Examiners without fail.

Article 9.9 Examinations and functional impairments

1. Students with a functional impairment will be given the opportunity to take examinations in a form that will accommodate their impairment as far as possible. If necessary, the Board of Examiners will seek expert advice from a student counsellor of the Student Service Centre (SSC) before making a decision.
2. With regard to examinations for courses taken at other degree programmes by students with a functional impairment, contrary to the provisions of Article 1.1.4, the Board of Examiners of the degree programme that sets the examination shall comply with the facilities permitted by the Board of Examiners of the degree programme for which the student has registered.

Article 9.10 Assessment

1. The results of an examination or assessment are given in whole numbers. Only the results of partial examinations may be rounded off to a tenth.
2. A mark of at least a 6 is considered a pass result.
3. The whole marks given as assessment of an examination have the following meaning:
 1. highly inadequate
 2. inadequate
 3. highly insufficient
 4. insufficient
 5. almost sufficient
 6. sufficient
 7. amply sufficient
 8. good
 9. very good
 10. excellent
4. An examination for which an exemption has been granted is deemed to have been assessed with the mark 6.
5. For more regulations concerning assignments that are part of the exam, see the Regulations for Grading Assignments and Partial Examinations.

Article 9.11 Exemptions

1. At the student's request, notwithstanding Article 5.7.5 and Article 9.6.3, the Board of Examiners, having discussed the matter with the programme director/coordinator in question, may grant exemption from an examination (or part thereof) on condition that the student:
 - a) either has completed a course of a university or higher vocational degree that is equivalent in content and level.
 - b) or can demonstrate by work experience or otherwise that he has sufficient knowledge and skills in respect of the course in question.
2. Once a student has taken an examination for a course, both an exemption granted earlier no longer applies and the opportunity to request an exemption shall be denied.

Article 9.12 Marking of examinations and publication of grades

1. After an oral examination, the examiner will grade the examination immediately and and if requested he will provide the student with a statement upon his request.
2. The examiner will mark a written examination and provide the Student Administration Office with the necessary details for publication of the result to be sent to the student. Examination results must be published no later than 10 working days after the date on which the examination was taken. In instances where this cannot be reasonably expected of the examiner, the programme director may set another time period in advance. The examinees will be informed of this before the exam begins. Only results published by the Student Administration Office are legally valid.
3. If an examination is taken in a form other than oral or written, the Board of Examiners will determine in advance how and within which period the student will receive the results.

4. Students can lodge an appeal against the results of an examination with the Central Portal for the Legal Protection of Student Rights (CLRS) within 6 weeks of the date on which the result was announced.

Article 9.13 Validity

1. Examinations that have been passed remain valid indefinitely.
2. Contrary to the provisions of Article 9.13.1, the Board of Examiners may decide to require a student to take a supplementary or substitute examination for a course taken more than 6 years previously before allowing that student to proceed to the final assessment, if the student's knowledge is demonstrably outdated.
3. In the event of extraordinary personal circumstances the validity term will be extended for the period during which the student in question is receiving support from the Graduation Fund.

Article 9.14 Right of inspection

1. The student will be given a period of six weeks after the day on which the results of a written examination have been published to exercise his right of inspection of his corrected work. Also on request and during the same period, he will be provided with a copy of the work at cost price.
2. Within the time frame stipulated in Article 9.14.1, the student who has taken the exam may request that he be allowed to peruse the questions or assignments and the assessment criteria of the examination concerned.
3. The examiner(s) of the examination in question will stipulate the place, date and time for this inspection or perusal. The Board of Examiners may formulate guidelines for this purpose.
4. This inspection and perusal may be organized for all students at the same time.

Article 9.15 Board of Examiners and examiners

1. The Board of Examiners is the independent body that determines whether individual students have the knowledge, understanding and skills required to be awarded the degree.
2. The Faculty Board appoints the members of the Board of Examiners on the basis of their expertise in the field of the degree programmes in question.
3. The Board of Examiners must comprise:
 - a) at least one member who is employed as a lecturer in one of the degree programmes.
 - b) at least one member who is not employed as a lecturer in one of the degree programmes.
4. Members of the Board or other people who have financial responsibilities in the institution may not be appointed as members of the Board of Examiners.
5. The Board of Examiners will appoint examiners to set examinations and to determine the results or to assess Bachelor's theses. Examiners can only be selected from among the teaching staff of the degree programme and outside experts. The examiners shall supply the Board of Examiners with information requested.
6. In specific cases, the Board of Examiners may appoint other lecturers to set and assess examinations for a certain course or to assess the Bachelor's theses.
7. The Board of Examiners will set out the Rules and Regulations of the Board of Examiners.

Article 9.16 Fraud and plagiarism

1. Fraud is an act or omission by a student designed to partly or wholly hinder the forming of a correct assessment of his own or someone else's knowledge, understanding and skills.
2. Fraud also includes plagiarism, which is copying someone else's work without correct reference to the source.
3. If a student commits fraud, the Board of Examiners may exclude the student from participation in one or more examinations or final assessments for a maximum of one year.
4. In the event of very serious fraud, the Board of Examiners may submit a proposal to the Board of the University that the student's registration be definitively terminated.
5. The Board of Examiners will set out its course of action in the event of fraud in the Rules and Regulations of the Board of Examiners.

Article 9.17 Invalid examination

In the event of irregularities with regard to an examination that are so serious that an accurate assessment of the examinee's knowledge, understanding and skills cannot be made, the Board of Examiners may declare the examination of part thereof invalid for either an individual examinee or a group of examinees.

Article 9.18 Termination of registration (Iudicium abeundi)

1. In extraordinary cases of reprehensible behaviour and/or statements made by a student, the Board of the University may, on the recommendation of the Board of Examiners or the Faculty Board, terminate a student's registration
2. The Board of the University will not make a decision as referred to in Article 9.18.1 until after the student in question has been given the opportunity to respond to the proposed decision, the interests of the student and the institution have been carefully assessed and it has become reasonable to assume that the student's behaviour and/or statements prove him to be unsuitable for one or more of the professions which he is being trained for in the degree programme, or for the practical preparation for the profession.
3. In such cases the Faculty Board, the Board of Examiners and the Board of the University will follow the Protocol Iudicium Abeundi [protocol for termination of registration] as approved by the Nederlandse Federatie van Universitaire Medische Centra [Netherlands Federation of University Medical Centres] on 1 November 2010.

Article 9.19 Assessment plan

For every programme there is an assessment plan that has been determined by the Faculty Board, comprising the following topics:

- a) the learning outcomes of the degree programme.
- b) the courses of the degree programme and the specific learning outcomes of each course.
- c) the interrelationship between courses and learning outcomes.
- d) the assessment method to be used and the test periods for each course.
- e) the test design and assessment procedures and assessment criteria used.
- f) the person or persons responsible for the implementation of the various components of the assessment policy.
- g) the method of regular evaluation.

Section 10 Final assessments of the degree programmes

Article 10.1 Final assessment

1. Each of the degree programmes is rounded off with a final assessment.
2. The final assessment of the programme may not be taken before the student has earned definitive admission to the post-propaedeutic phase.
3. The final assessment for the Bachelor's degree can only take place after approval of the student's study programme by the Board of Examiners. The Board will determine regulations for the assessment of the study programmes. If the student exceeds the relevant deadlines of these regulations, the Board of Examiners may postpone the graduation date. This date may then be in the academic year following the year in which the last examination was passed.
4. The Board of Examiners determines the result of the final assessment as soon as the student has passed all the required examinations, thus having acquired the required academic training, and to that end the Board issues a certificate.
5. Before the final assessment can be determined, the Board of Examiners may decide to test a student's skills, knowledge and understanding of one or more courses or aspects of the programme, if and in as much as the marks for these courses provide a reason for doing so.
6. The student is deemed to have passed the final assessment if he has obtained a pass (a mark of 6 or higher) for each examination.
7. In determining the result of the final assessment, the Board of Examiners also commits itself to a speedy processing of the degree certificate ceremony.
8. If a student wishes to postpone the date of graduation due to extra examinations that still need to be taken, he must submit a request to this end to the Board of Examiners in good time.
9. The graduation date is the date on which the final assessment is marked as a pass, as determined by the Board of Examiners in accordance with the provisions of Article 10.1.4.
10. All assignments submitted for the final assessment as referred to in Article 10.1.1, will be kept on file by the Faculty Board for a period of at least 7 years after the graduation day.

Article 10.2 Degree

1. A student who has satisfied all the requirements of the Bachelor's degree programme shall be awarded the degree of Bachelor of Science in the study programme in question.
2. The degree awarded shall be registered on the Bachelor degree certificate.

Article 10.3 Conditions for awarding a University of Groningen degree

1. A Bachelor's degree can only be awarded if at least half of the courses of the degree programme were taken at the University of Groningen, during the student's period of registration as a student at the University of Groningen.
2. For Double Degree Bachelor's degree programmes offered together with an institution abroad, at least half of the programme must have been followed at the University of Groningen, during the student's period of registration as a student at the University of Groningen.

Article 10.4 Degree certificate

1. Students shall receive a certificate issued by the Board of Examiners as proof that they have passed the final examination. Article 10.3 is applicable.
2. A student receives no more than one degree certificate per programme.
3. The Board of Examiners will issue an International Diploma Supplement with each degree certificate.
4. If relevant, the results obtained in the Bachelor's Honours Programme will also be recorded on the Diploma Supplement that accompanies the Bachelor's degree certificate.

Article 10.5 Judicia cum laude and summa cum laude

1. The Board of Examiners shall determine whether or not the Bachelor's degree certificate will be awarded a *judicium* predicate.
2. The following conditions apply:
 - a) The mark for the thesis must satisfy the following minimum conditions:
 - *cum laude*: the mark for the thesis must be at least 8.0.
 - *summa cum laude*: the mark for the thesis must be at least 9.0.
 - b) The weighted average (not rounded off) for all courses, excluding the thesis, of the examination programme approved by the Board of Examiners is
 - greater than or equal to 8.0 for '*cum laude*'.
 - greater than or equal to 9.0 for '*summa cum laude*'.
3. No *judicium* predicate is awarded if the study load of the exemptions in ECs is more than half the total number of ECs for the degree programme.
4. The *judicium* predicate is awarded on condition that the examinations for the courses were taken only once.
5. The *judicium* predicate may only be awarded if no single course was awarded a mark less than 7.0.
6. The results and grades of the Bachelor's Honours programme are excluded from the award of the *judicium*.
7. No *judicium* predicate will be awarded if a decision by the Board of Examiners has been taken to the effect that a student is no longer eligible for an honours predicate because fraud/plagiarism has been found.
8. In certain circumstances, the Board of Examiners may depart from the provisions set out in Article 10.5.2, Article 10.5.3, Article 10.5.4, Article 10.5.5.

Section 11 Study progress supervision

Article 11.1 Study progress administration

1. The Faculty registers the results of each student.
2. The Faculty will provide each student with an overview of these results at least twice a year at his request.
3. In respect of the Double Degree programmes offered by the Faculty it is the joint responsibility of the Faculty and the partner universities to exchange obtained results.

Article 11.2 Study progress supervision

4. The Faculty will organize the introduction and study progress supervision of students enrolled in one of the degree programmes, partly to encourage their progress and partly with a view to potential study options within and outside the degree programme.
5. With an eye to issuing a study advice for the propaedeutic phase, the student study progress meetings will be registered. This registration process will pay special attention to student privacy.

Section 12 Transitional and final provisions

Article 12.1 Amendments

1. Any amendments to these Regulations will, following a recommendation by and/or upon the approval of the Programme Committee and in consultation with, and where necessary upon the approval of, the Faculty Council, be confirmed by the Faculty Board in a separate decree.
2. Any amendments to these Regulations will not apply to the current academic year, unless it may reasonably be assumed that the amendment will not harm the interests of students.
3. In addition, amendments may not influence to the detriment of students any decision taken as a consequence of these Regulations concerning an individual student.

Article 12.2 Status of the English version (TER) of the OER

In case of divergencies of interpretation between the Dutch language and English language versions of the Teaching and Examination Regulations the Dutch version (the OER, 'Onderwijs- en Examenregeling') shall prevail.

Article 12.3 Evaluation

The Faculty Board will ensure that the OER is regularly evaluated, assessing at least – for the purpose of monitoring and if necessary adapting the student workload – the amount of time students need to complete their duties as set out therein.

Article 12.4 Publication

1. The Faculty Board shall duly publish this OER, any rules and guidelines formulated by the Board of Examiners, and any amendments to these documents.
2. Copies of the documents referred to in Article 12.4.1 are available from the Faculty Education Office. These documents can also be found on the website of the Faculty.

Article 12.5 Date of commencement

These regulations shall take effect on 1 September 2017.

Approved by the Faculty Council and Programme Committees, 16 June 2017.

As decreed by the Faculty Board on 4 July 2017.

Appendix 1 Objectives and learning outcomes of the degree programmes

Appendix 1.1 BSc Business Administration

The aim of the Bachelor's degree programme in Business Administration is to train students to systematically analyse and improve organizations and processes. To this end, Bachelor's graduates have knowledge of business administration disciplines and the most important functional areas, such as Marketing, Finance & Accounting, Operations Management and Human Resource Management. They are able to apply this knowledge in a methodologically sound way when dealing with organizational questions. Bachelor's graduates are business professionals with an academic attitude and a problem and solution-oriented way of working. To this end, they possess academic and social communication skills, a broad knowledge of methods and techniques of research and the ability to apply this knowledge in a responsible way when solving research and design questions.

Business Administration Bachelor's graduates have specialized in Accountancy & Controlling, Business & Management or Technology Management and have thus acquired in-depth knowledge and research skills in a recognizable subfield of the field of business administration. In addition, they are able to distinguish themselves as a result of their choice of Minor or by having spent a study period abroad.

Business Administration Bachelor's graduates qualify for a wide range of national and international specialized Master's degree programmes in the field of business administration, as well as entry-level positions in the job market, both in government institutions and the business world. In addition, they have sufficient insight into their career opportunities so that they can make a well-informed choice.

A Subject-specific learning outcomes

Business Administration Bachelor's graduates possess a thorough academic knowledge of theories, models and methods from the most important basic disciplines and functional areas in the field of business administration and are able to determine the best combination of theories and methods to describe, analyse and solve organizational issues.

To this end, Business Administration Bachelor's graduates have knowledge and understanding of the following fields:

- A.1 Organization Studies and Human Resource Management.
- A.2 (Global) Operations Management and Information Management.
- A.3 Finance and Accounting.
- A.4 Marketing and International Business.
- A.5 Strategy, Innovation and Change.
- A.6 Law and Corporate Responsibility.

Business Administration Bachelor's graduates:

- A.7 are familiar with models and theories in the field of business administration.
- A.8 are able to integrate insights from the core areas in their analyses of organizational issues.
- A.9 are able to interpret academic research results and to derive distilled knowledge from such research to help solve business problems.

B Academic learning outcomes

Business Administration Bachelor's graduates have knowledge of the most important methods of business research and are able to apply this knowledge. They are able to set up and conduct research tailored to the situation, applying the various steps of the design cycle, and provide organizational advice on the basis of this. In addition, they demonstrate a critical, investigative and reflective attitude, are able to critically assess their own work and that of others and are able to account for the theories, models and methods used. They are also able to think logically and analytically and to differentiate between main and side issues. Bachelor's graduates are open to new insights.

Business Administration Bachelor's graduates:

- B.1 are able to describe, diagnose and redesign organizations or parts thereof.
- B.2 are able to critically assess research within the business domain.
- B.3 are able to conduct supervised research in a methodologically sound manner.
- B.4 have an investigative attitude and are able to reflect on academic insights, using these to flesh out their own actions and learning process.

C Social and communication learning outcomes

Business Administration Bachelor's graduates are able to cooperate and communicate effectively. To this end, they possess a combination of academic, professional and social-communicative skills and the ability to reflect on their own behaviour, enabling them to participate professionally in organizational processes and in change processes.

Business Administration Bachelor's graduates have the following skills:

- C.1 consultancy skills, including asking questions, listening and reasoning.
- C.2 project management skills, including leadership, planning, effective cooperation and monitoring progress.
- C.3 presentation skills, including academic writing and presenting.

D Study skills and professional orientation

Business Administration Bachelor's graduates have learning and studying skills ('learning to learn'). Building on this, they are able to shape their own learning process and to make well-considered choices with regard to deepening and broadening their knowledge and continuing with a follow-up degree programme. In addition, Business Administration Bachelor's graduates possess the learning skills that are needed to complete the Business Administration Bachelor's degree programme within a reasonable amount of time and to pursue further studies demanding a higher level of autonomy.

Business Administration Bachelor's graduates are able to:

- D.1 steer their own learning process (thinking and working).
- D.2 make well-considered choices with regard to courses and specializations within and after the Business Administration Bachelor's degree programme.

Appendix 1.2 BSc Econometrics and Operations Research

The aim of the bachelor's degree programme Econometrics and Operations Research (EOR) is to graduate students able to apply mathematical models on an academic level to the field of economics and business. More specifically, BSc EOR graduates are able to analyse economic problems through a combination of mathematics, economics and statistics using appropriate software. They have a research oriented attitude, have knowledge of the most important models in EOR as well as actuarial science

and mathematical economics, and are able to transform the outcomes of the models in relevant results for the application field. Furthermore, graduates have acquired the necessary background in mathematics and statistics and are able to communicate mathematical or quantitative results to peers and non-specialists.

Upon completion of the programme, BSc EOR graduates can continue their studies in various Master's programmes (e.g. EORAS, Research Master E&B, Educational Master). Alternatively, they could probably fulfil a wide variety of positions in government and industry (at a junior level), but this is not supported by evidence since virtually all BSc EOR graduates continue their studies at the master level.

A Subject-specific learning outcomes

EOR Bachelor's graduates have academic knowledge and understanding of the most important models, methods, techniques and theories -at the level of an intermediate textbook- presently in use in the main areas:

- A.1 Actuarial Science.
- A.2 Econometrics.
- A.3 Mathematical Economics.
- A.4 Operations Research.

EOR Bachelor's graduates are able to apply knowledge and understanding in these areas to model, analyse and solve practical problems e.g. in economics or business.

EOR Bachelor's graduates have basic academic knowledge and understanding of:

- A.5 Microeconomics and Macroeconomics.
- A.6 Marketing and Finance.

In particular those parts suited for a modelling approach. EOR Bachelor's graduates are able to apply knowledge and understanding in these areas to solve practical problems.

EOR Bachelor's graduates have a thorough knowledge and understanding of those parts -needed for the main areas- of:

- A.7 Mathematics.
- A.8 Statistics and Stochastics.
- A.9 Programming.

EOR graduates are able to apply this knowledge and understanding in the areas A1-A6 in order to solve practical problems.

EOR Bachelor's graduates:

- A.10 have insight into the relationships between the subjects mentioned under A.1-A.9.
- A.11 are able to critically assess the application of theories and models within the knowledge area.

B Academic learning outcomes

Within the main areas of the programme EOR Bachelor's graduates are able to:

- B.1 critically assess scientific information like theories or argumentations.
- B.2 translate a practical problem into questions in terms of a mathematical model.
- B.3 collect relevant quantitative data.
- B.4 translate the outcomes of a mathematical model into answers concerning the original practical problem.
- B.5 apply the appropriate scientific methods and techniques, mathematics, economics, statistics and software.
- B.6 conduct supervised routine research.

- B.7 write and present reports and articles in English.
- B.8 reflect on scientific theories, economic or societal phenomena and on the functioning of organisations from an ethical viewpoint.
- B.9 show an investigative attitude towards the content and development of the knowledge areas and related domains.

C Social and communication learning outcomes

EOR Bachelor's graduates are able to:

- C.1 work in a team. In particular they have the social skills to communicate about their work with colleagues from their own and other disciplines.
- C.2 logically, clearly and convincingly express the argumentations and concepts of the main discipline both orally and in written form.
- C.3 reflect critically on their own and other people's work paying attention to both logical coherence and practical relevance and is able to adjust and give feedback.

D Study skills and professional orientation

EOR graduates have:

- D.1 the necessary learning and study skills to reflect on their own learning process and to continue further study with a higher degree of autonomy.
- D.2 self-insight, awareness of the characteristics of the profession and employment opportunities and therefore are able to make an underpinned choice for intensification or broadening modules in the Bachelor Econometrics and Operations Research programme and for continuing steps after Bachelor graduation.

Appendix 1.3 BSc Economics and Business Economics

The Bachelor's degree programme Economics and Business Economics (E&BE) aims to provide a solid academic training focused on an international orientation, combining insights from business economics, (international) economics and international business, embedded in an international setting, and using English as language of communication. The scientific domain of the programme consists of business economics (with an emphasis on finance) and (international) economic theory and policy, as well as the related field of the theory of (international) institutions and the theory of the multinational enterprise.

During the programme students choose either a Business Economics profile, an Economics profile, or an International Economics & Business (IE&B) profile. The Business Economics profile approaches the behavior and characteristics of profit and not for profit organizations from an analytical economic point of view. The Economics profile focuses on problems of macroeconomic and microeconomic theory and policy. The IE&B profile focuses on economic relationships between nations, between nations and firms and between multinational firms.

E&BE Bachelor's graduates have acquired an adequate knowledge and understanding of the relevant methods of research and they are able to communicate the results, the analyses and diagnoses in reports and presentations. Furthermore, they have completed a Minor consisting of elective courses. For the IE&B profile a Minor abroad is mandatory.

After having completed the programme, E&BE Bachelor's graduates can enrol in a related MSc programme.

A Subject-specific learning outcomes

E&BE Bachelor's graduates (all three profiles) have academic knowledge and understanding at a basic or solid level¹⁰ of the most important models, methods, techniques and theories presently in use in the main areas:

- A.1 Corporate Finance and Financial Markets (solid).
- A.2 International Economics (solid).
- A.3 Macroeconomics (solid).
- A.4 Microeconomics (including Industrial Organization) (solid).
- A.5 International Business, Financial Accounting, Banking and Financial Institutions, Marketing (basic).

E&BE Bachelor's graduates have necessary knowledge and understanding, in order to be able to do research at an intermediate level in the field of Economics and Business Economics, of:

- A.6 Quantitative Methods (Mathematics, Statistics, Econometrics).

E&BE Bachelor's graduates with a profile in Business Economics have academic knowledge and understanding at a basic or upper intermediate level of the most important models, methods, techniques and theories presently in use in the following areas:

- A.7 Accounting, Corporate Finance and Financial Markets (upper intermediate).
- A.8 Operations and Logistic Management, Human Resource Management, Marketing Research (basic).
- A.9 Ethics of Business (basic).

E&BE Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyze and solve practical problems in business economics.

E&BE Bachelor's graduates with a profile in Economics have academic knowledge and understanding at a basic or upper intermediate level of the most important models, methods, techniques and theories presently in use in the following areas:

- A.10 Macroeconomics and Microeconomics (upper intermediate).
- A.11 broadening subjects within the subdomain of economics (basic).

E&BE Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyze and solve practical problems in economics.

E&BE Bachelor's graduates with a profile in IE&B have academic knowledge and understanding at a basic or upper intermediate level of the most important models, methods, techniques and theories presently in use in the following areas:

- A.12 International Business, International Economics, International Economic Development (upper intermediate).
- A.13 Ethics of Business (basic).

E&BE Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyze and solve practical problems in International Economics and Business. E&BE Bachelor's graduates (all three profiles) have:

- A.14 developed insight into the relationships between the different areas within Economics and Business Economics.
- A.15 by completing a Minor, either broadened their knowledge and understanding of an area that differs from the domain of Economics and Business Economics, or

10 basic level roughly corresponds to 5 EC, solid to 10 EC, upper intermediate to 15 EC.

deepened their knowledge and understanding within the domain of Economics and Business Economics. E&BE Bachelor's graduates with a profile IE&B complete the Minor by means of a study abroad.

- A.16 a good command of the English language (both written and spoken), and are able to use this skill to further pursue academic studies or to successfully function within an (international) work environment.

B Academic learning outcomes

Within the area of economics and business, E&BE Bachelor's graduates are able to:

- B.1 critically assess scientific information like theories, research methods and argumentations within the fields which comprise Economics and Business Economics.
- B.2 formulate research questions and collect relevant quantitative and qualitative data.
- B.3 apply scientific methods and techniques, employing mathematics, economics, statistics/econometrics and applied informatics in an appropriate way given the context, to conduct supervised routine research and derive sound conclusions.
- B.4 write and present reports and articles in English.
- B.5 reflect on new and evolving scientific theories, economic or societal phenomena, including the functioning of organizations from an ethical viewpoint.
- B.6 show an investigative attitude towards the content and development of the fields of E&BE and related domains.

C Social and communication learning outcomes

E&BE Bachelor's graduates:

- C.1 have social communication skills to logically, clearly and convincingly express the arguments and concepts of the main discipline, both spoken and in written form.
- C.2 are able to work toward a solution in a focused and systematic way, both independently and as member of a (possibly international and multi-cultural) team.
- C.3 are able to reflect critically on their own and other people's work, taking into account its logical coherence and economic relevance, and can both acknowledge and provide feedback and corrections when necessary.

D Study skills and professional orientation

E&BE Bachelor's graduates have:

- D.1 the necessary learning skills and aptitude to be able to reflect on their own learning process, and to be able to successfully continue to advance their learning with a higher degree of autonomy.
- D.2 an awareness of the characteristics of the profession and of employment opportunities, and are able to make astute choices with regard to the intensification or broadening of the courses taken during the E&BE Bachelor programme, as well as for continuing with their (academic) career following their graduation.

Appendix 1.4 BSc International Business

The BSc International Business is an interdisciplinary academic programme with a focus on practical issues. It aims to provide graduates with a solid academic grounding in the functioning of and interventions in organizations that operate in various countries and cultures. IB Bachelor's graduates will be able to combine general business management

with the international context of the organizations they operate in. They will have knowledge and understanding of general business and management, the main areas of international business and management and research methodology. IB Bachelor's graduates will be able to use an interdisciplinary and integral approach in defining, analyzing and solving problems in multinational organizations. IB Bachelor's graduates will also be able to conduct research that complies with scientific norms in management and in academia. They will have the language and social communication skills that are necessary for operating in an international and intercultural context. Upon completion of the programme, IB Bachelor's graduates can opt for an academic career by continuing with a Master's programme or can fulfill junior positions in (multinational) corporations and (international) governmental organizations.

A. Subject-specific learning outcomes

IB Bachelor's graduates:

- A.1 have knowledge and understanding at an intermediate level of theories, models and methods in the area of general management and are able to apply these to solve practical problems in national and international business situations.
- A.2 have knowledge and understanding at an intermediate level of theories, models and methods in the main areas of international business and are able to apply these to practical problems in international business situations.
- A.3 have knowledge and understanding of the nature, variety and development of the theory and practice of managing international business organizations; this encompasses the management challenges associated with developing international strategies and managing the operations of companies whose activities extend across national boundaries.
- A.4 are able to decide what knowledge is relevant to define, diagnose and solve problems in multinational organizations, paying special attention to potential interactions and relationships between problems.

B. Academic learning outcomes

IB Bachelor's graduates:

- B.1 have knowledge of the general methods of international business research and are able to apply them.
- B.2 have knowledge of quantitative and qualitative methods and, where relevant, are able to apply them in an international context.
- B.3 are able to organize and conduct supervised routine research appropriate to international business, applying the various steps in the research cycle and making organizational recommendations on that basis.
- B.4 have cognitive skills of critical thinking, analysis and synthesis. They are able to think logically and analytically and distinguish between essentials and non-essentials.
- B.5 have a critical, inquisitive and reflective attitude. They are able to critically assess their own work and that of others and account for the theories, models and methods employed.

C. Social and communication learning outcomes

IB Bachelor's graduates:

- C.1 are able to work together and communicate effectively in international and multicultural working environments. They are able to work in culturally diverse goal-oriented project groups.
- C.2 are able to define, schedule and allocate tasks and monitor their progress and implementation.

- C.3 have an good command of English.
- C.4 are able to make a clear oral presentation, taking cultural differences into account.
- C.5 are able to formulate transparent arguments and are able to discuss, provide feedback and answer questions clearly.
- C.6 are able to write a well-structured, persuasive report.

D. Study skills and professional orientation

IB Bachelor's graduates:

- D.1 are able to reflect on their own learning process, and advance their learning with a reasonable degree of autonomy.
- D.2 have an awareness of the characteristics of the potential profession and of employment opportunities, and are able to make astute choices with regard to the intensification or broadening of the courses taken during the IB Bachelor programme, as well as with regard to continuing with their career, academic or other, following graduation.

Appendix 2 Degree programmes in the propaedeutic phase

Explanation of abbreviations used in the degree programme overviews below:
C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 2.1 BSc Business Administration propaedeutic phase

The propaedeutic phase of the Bachelor's degree programme in Business Administration consists of the following courses (with study load in ECs):

Programme: BSc Business Administration/BA
Year: 1
Profile: core programme BSc BA

sem	course title	code	EC	C/E	lang
1.1	Management Science	EBP025A05	5	C	NL
1.1	Marketing BDK	EBP027A05	5	C	NL
1.1	Organisatie en technologie BDK	EBP618B05	5	C	NL
1.2	Gedrag in organisaties	EBP607A05	5	C	NL
1.2	Statistiek BDK	EBP624B05	5	C	NL
1.2	Supply Chain Operations	EBP029A05	5	C	NL
2.1	Academic Skills I	EBP021A05	5	C	NL
2.1	Financial Accounting BDK	EBP023A05	5	C	NL
2.1	Informatiemanagement BDK	EBP024A05	5	C	NL
2.2	Academic Skills II	EBP022A05	5	C	NL
2.2	Management Accounting BDK	EBP026A05	5	C	NL
2.2	Organisatie en omgeving	EBP028A05	5	C	NL

Appendix 2.2 BSc Econometrics and Operations Research propaedeutic phase

The propaedeutic phase of the Bachelor's degree programme in Econometrics and Operations Research consists of the following courses (with study load in ECs):

Programme: BSc Econometrics and Operations Research/EOR
Year: 1
Profile: core programme BSc EOR

sem	course title	code	EC	C/E	lang
1.1	Finance for EOR	EBP801B05	5	C	EN
1.1	Mathematics I for EOR	EBP011B05	5	C	EN
1.1	Microeconomics for EOR	EBP841B05	5	C	EN
1.2	Mathematics II for EOR	EBP012B05	5	C	EN
1.2	OR Modelling	EBP821B05	5	C	EN
1.2	Probability Theory for EOR	EBP014B05	5	C	EN
2.1	Linear Algebra for EOR	EBP037A05	5	C	EN

2.1	Probability Distributions	EBP038A05	5	C	EN
2.1	Programming for EOR	EBP039A05	5	C	EN
2.2	Estimation and Testing	EBP036A05	5	C	EN
2.2	Multivariate Calculus	EBP013B05	5	C	EN
2.2	Statistical Modelling for EOR	EBP008B05	5	C	EN

Appendix 2.3 BSc Economics and Business Economics propaedeutic phase

The propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics consists of the following courses (with study load in ECs):

Programme: BSc Economics and Business Economics/E&BE
Year: 1
Profile: core programme BSc E&BE

sem	course title	code	EC	C/E	lang
1.1	International Business for E&BE	EBP808C05	5	C	EN
1.1	Mathematics for E&BE	EBP817B05	5	C	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.2	Financial Accounting for E&BE	EBP802B05	5	C	EN
1.2	Macroeconomics for E&BE	EBP812B05	5	C	EN
1.2	Mathematics and Data Analysis for E&BE	EBP034A05	5	C	EN
2.1	Marketing for E&BE	EBP033A05	5	C	EN
2.1	Statistics for E&BE	EBP822B05	5	C	EN
2.1-2	English for E&BE	EBP837B05	5	C	EN
2.1-2	Research Paper for E&BE	EBP035A05	5	C	EN
2.2	Asset Pricing and Capital Budgeting	EBP032A05	5	C	EN
2.2	International Economics for E&BE	EBP810B05	5	C	EN

Appendix 2.4 BSc International Business propaedeutic phase

The propaedeutic phase of the Bachelor's degree programme in International Business Propaedeutic Phase consists of the following courses (with study load in ECs):

Programme: BSc International Business/IB
Year: 1
Profile: core programma BSc IB

sem	course title	code	EC	C/E	lang
1.1	Global Supply Chain Management	EBP018A05	5	C	EN
1.1	Organizational Structure	EBP670C05	5	C	EN
1.1-2	English for IB	EBP665C05	5	C	EN
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.2	Financial Accounting for IB	EBP030A05	5	C	EN
1.2	Organizational Behaviour for IB	EBP654D05	5	C	EN

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2.1	Economics for IB	EBP660C05	5	C	EN
2.1	International Marketing for IB	EBP661C05	5	C	EN
2.1	Statistics I for IB	EBP657C05	5	C	EN
2.2	International Business Environment	EBP031A05	5	C	EN
2.2	Management Accounting for IB	EBP017B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN

Appendix 3 Practical exercises in the propaedeutic phase

There are no propaedeutic courses with a practical component that is a condition for admission to the examination.

Appendix 4 Contact hours propaedeutic year

In accordance with performance agreements the academic year at the RUG comprises 40 teaching weeks from 2013-2014. Faculties must conform to these agreements.

It follows from these agreements that in the propaedeutic year 12 contact hours per week must be programmed (480 in total).

The schedule below reflects the above based on 40 weeks of educational activities per year, including examinations and examination periods.

The agreements are further detailed as follows:

1. A contact hour is an hour of teaching with physical presence of lecturer.
2. A lecturer is a person who teaches in the employment of the educational institution (including student assistants and tutors).
3. Lectures, tutorials, study coaching, internship supervision, practicals, examinations and study career supervision all come under contact time in so far as the institution has programmed these for all students.
4. Other structured hours are all other hours programmed by the institution, where there is:
 - a) contact between students, or
 - b) there is physical presence of a lecturer, or
 - c) virtual contact with a lecturer.
5. Self-study or watching (virtual) visual materials therefore do not come under the other structured hours or contact hours.
6. Time for self-study, internships/learning-on-the-job and (unsupervised) time for final project research do not count as contact time, even though this is time a student spends on his studies.

Bachelor Business Administration year 1	
Contact time	Number of contact hours per year
Lectures	165
Tutorials	226
Study coaching	0
Internship supervision	-
Tests/examinations	68
Study career counselling (programmed for all students)	11.5
Other structured hours	84

Bachelor Economics and Business Economics year 1	
Contact time	Number of contact hours per year
Lectures	129
Tutorials	322
Study coaching	0
Internship supervision	-
Tests/examinations	52
Study career counselling (programmed for all students)	11.5
Other structured hours	24

Bachelor Econometrics and Operations Research year 1	
Contact time	Number of contact hours per year
Lectures	218
Tutorials	309.5
Study coaching	2
Internship supervision	-
Tests/examinations	45.5
Study career counselling (programmed for all students)	11.5
Other structured hours	9

Bachelor International Business year 1	
Contact time	Number of contact hours per year
Lecturers	160
Tutorials	226
Study coaching	0
Internship supervision	-
Tests/examinations	68
Study career counselling (programmed for all students)	10.5
Other structured hours	20

Appendix 5 Degree programmes in the post-propaedeutic phase

Explanation of abbreviations used in the degree programme overviews below:
C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 5.1 BSc Business Administration post-propaedeutic phase

The post-propaedeutic phase of the Bachelor's degree programme in Business Administration consists of the following courses (with study load in ECs):

Programme: BSc Business Administration/BA
Year: 2
Profile: Accountancy & Controlling/A&C

sem	course title	code	EC	C/E	lang
1.1	Financial Management BDK	EBB046A05	5	C	NL
1.1	Internal Control (BSc)	EBB048A05	5	C	EN
1.1	Kwantitatieve onderzoeksmethoden	EBB051A05	5	C	NL
1.2	Accounting for Management Control	EBB078A05	5	C	NL
1.2	Boekhouden A&C	EBB017B05	5	C	NL
1.2	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
2.1	Financial Reporting and Consolidation	EBB047A05	5	C	NL
2.1	Juridische aspecten van bedrijfskunde	EBB053B05	5	C	NL
2.1	Ontwerpmethodologie	EBB052A05	5	C	NL
2.2	Advanced Financial Accounting	EBB045A05	5	C	NL
2.2	Financiering A&C	EBB823C05	5	C	NL
2.2	Introduction to Auditing	EBB049A05	5	C	NL

Programme: BSc Business Administration/BA
Year: 2
Profile: Business & Management/B&M

sem	course title	code	EC	C/E	lang
1.1	Financial Management BDK	EBB046A05	5	C	NL
1.1	Kwantitatieve onderzoeksmethoden	EBB051A05	5	C	NL
1.1	Management- en Organisatietheorie	EBB054A05	5	C	NL
1.2	Accounting for Management Control	EBB078A05	5	C	NL
1.2	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
1.2	Operations Management B&M/TM	EBB644B05	5	C	NL
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.1	Juridische aspecten van bedrijfskunde	EBB053B05	5	C	NL
2.1	Ontwerpmethodologie	EBB052A05	5	C	NL
2.2	Marktcontext en marktonderzoek	EBB055A05	5	C	NL
2.2	Organisatieverandering en Leiderschap	EBB711C05	5	C	NL
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Programme: BSc Business Administration/BA

Year: 2

Profile: Technology Management/TM

sem	course title	code	EC	C/E	lang
1.1	Financial Management BDK	EBB046A05	5	C	NL
1.1	Kwantitatieve onderzoeksmethoden	EBB051A05	5	C	NL
1.1	Technologiemanagement	EBB059A05	5	C	NL
1.2	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
1.2	Logistieke informatiesystemen	EBB057A05	5	C	NL
1.2	Operations Management B&M/TM	EBB644B05	5	C	NL
2.1	Juridische aspecten van bedrijfskunde	EBB053B05	5	C	NL
2.1	Ontwerpmethodologie	EBB052A05	5	C	NL
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Applied Manufacturing Research	EBB056A05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	5	C	EN
2.2	Production Planning & Quality Control	EBB058A05	5	C	EN

Programme: BSc Business Administration/BA

Year: 3

Profile: Accountancy & Controlling/A&C

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Tax Law 1 for A&C	RGAF130105	5	C	NL
1.2	Auditing Practices	EBB097A05	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	Financial and Actuarial Calculus	EBB822B05	5	C	NL
2.1	Ondernemingsrecht A&C	EBB901C05	5	C	NL
2.2	Accounting Information Systems A&C	EBB096A05	5	C	NL
2.2	Bachelor's Thesis BDK-A&C	EBB924B10	10	C	NL

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Programme: BSc Business Administration/BA
Year: 3
Profile: Business & Management/B&M

sem	course title	code	EC	C/E	lang
1.1-2	• minor Algemene Economie voor de LO <i>or</i>		30	EG	EN
1.1-2	• minor BDK-B&M/TM <i>or</i>		30	EG	NL
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	EN
1.1-2	• minor Controlling <i>or</i>		30	EG	EN
1.1-2	• minor Finance <i>or</i>		30	EG	EN
1.1-2	• minor Innovation & Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Internship Business Project <i>or</i>		30	EG	EN
1.1-2	• study abroad (= foreign minor) <i>or</i>		30	EG	EN
1.1-2	• university minor		30	EG	
2.1	Academic Skills III	EBB095A05	5	C	NL
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	Integrative Research Project	EBB101A05	5	C	NL
2.2	Bachelor's Thesis BDK-B&M	EBB731B10	10	C	NL
2.2	Contemporary Theories on B&M	EBB098A05	5	C	EN

NB	Those students who wish to register for the Master's Degree Programme in Finance have to take the minor Finance; The minor Algemene Economie voor de Lerarenopleiding is an entry requirement (for BSc BA students) for the MSc Teaching Economics and Business Studies as of 1 September 2018; To the minor Internship Business Project a maximum of 15 students are admitted.
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Programme: BSc Business Administration/BA
Year: 3
Profile: Technology Management/TM

sem	course title	code	EC	C/E	lang
1.1-2	• minor Algemene Economie voor de LO <i>or</i>		30	EG	EN
1.1-2	• minor BDK-B&M/TM <i>or</i>		30	EG	NL
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	EN
1.1-2	• minor Controlling <i>or</i>		30	EG	EN
1.1-2	• minor Finance <i>or</i>		30	EG	EN
1.1-2	• minor Innovation & Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Internship Business Project <i>or</i>		30	EG	EN
1.1-2	• study abroad (= foreign minor) <i>or</i>		30	EG	EN
1.1-2	• university minor		30	EG	
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.1	Ontwerppraktijk BDK-TM	EBB103A05	5	C	NL
2.2	Bachelor's Thesis BDK-TM	EBB643C10	10	C	NL
2.2	Organisatie, technologie en verandering	EBB647B05	5	C	NL

NB	<p>Those students who wish to register for the Master's Degree Programme in Finance have to take the minor Finance;</p> <p>Students who have chosen for the profile Technologiemanagement and with Mathematics-B may also choose courses from Industrial Engineering -if their schedule allows it- within their faculty-minor. They will need permission from the Board of Examinors upfront (examencie.feb@rug.nl);</p> <p>The minor Algemene Economie voor de Lerarenopleiding is an entry requirement (for BSc BA students) for the MSc Teaching Economics and Business Studies as of 1 September 2018;</p> <p>To the minor Internship Business Project a maximum of 15 students are admitted.</p>
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Programme: **BSc Business Administration/BA**
Year: **3**
Profile: **minor Algemene Economie voor de Lerarenopleiding**

sem	course title	code	EC	C/E	lang
1.1	Introductie Lerarenopleiding	EBB816B05	5	C	NL
1.1	Macroeconomics for Pre-MSc	EBS020A05	5	C	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	C	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	C	EN
1.2	Microeconomics - Industrial Organization	EBB067A05	5	C	EN

Programme: **BSc Business Administration/BA**
Year: **3**
Profile: **minor B&M/TM**

sem	course title	code	EC	C/E	lang
1.1	Digital Marketing	EBB105A05	5	E	EN
1.1	Entrepreneurship B&M/TM	EBB106A05	5	E	EN
1.1	Introductie Lerarenopleiding	EBB816B05	5	E	NL
1.1	Junior Business Research and Consulting	EBB123A05	5	E	EN
1.1	Managementvaardigheden	EBB697A05	5	E	NL
1.1	Purchasing & Supply Chain Management	EBB742B05	5	E	EN
1.1	Success Factors of Econ. Growth in Korea	EBB122A05	5	E	EN
1.1	Teamwork - Theories, Design and Dynamics	EBB110A05	5	E	EN
1.2	Behavioural Decision Making	EBB104A05	5	E	EN
1.2	Innovation Management B&M	EBB107A05	5	E	EN
1.2	International Business Theories	EBB108A05	5	E	EN
1.2	Junior Business Research and Consulting	EBB123A05	5	E	EN
1.2	Operations Strategy and Technology	EBB109A05	5	E	EN

NB	Students choose 30 EC from 'Minor B&M/TM'.
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Programme: BSc Business Administration/BA
Year: 3
Profile: minor Business and Taxation

sem	course title	code	EC	C/E	lang
1.1	Introduction to income tax non-law stud	RGAFI30505	5	C	NL
1.1	Turnover Tax for non-law students	RGAFI30405	5	C	NL
1.1	Wage Taxes	RGBFI00105	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	EN
1.2	Private Law for non-law students	RGAPR70205	5	C	NL
1.2	Procedural Tax Law	RGBFI00605	5	C	NL

Programme: BSc Business Administration/BA
Year: 3
Profile: minor Controlling

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Internal Control (BSc)	EBB048A05	5	C	EN
1.2	Global Corporate Taxation	EBB121A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	Boekhouden A&C <i>or</i>	EBB017B05	5	EG	NL
1.2	International Financial Management	EBB627A05	5	EG	EN

NB Students choose 5 EC from the election group (EG).

Programme: BSc Business Administration/BA
Year: 3
Profile: minor Finance

sem	course title	code	EC	C/E	lang
1.1	Intermediate Asset Pricing	EBB084A05	5	C	EN
1.1	Mathematics for minor Finance	EBB112A05	5	C	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.2	Corporate Finance for E&BE	EBB079A05	5	C	EN
1.2	Econometrics for minor Finance	EBB111A05	5	C	EN
1.2	Macroeconomics for E&BE	EBP812B05	5	C	EN

Programme: BSc Business Administration/BA
Year: 3
Profile: minor Innovation & Entrepreneurship

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurial Marketing	EBB117A05	5	C	EN
1.1	Introduction to Entrepreneurship	EBB124A05	5	C	EN

1.1	Technology-based Offerings	EBB119A05	5	C	EN
1.2	Entrepreneurship Project	EBB118B10	10	C	EN
1.2	Innovation Management B&M	EBB107A05	5	C	EN

Programme: BSc Business Administration/BA
Year: 3
Profile: minor Internship Business Research

sem	course title	code	EC	C/E	lang
1.1-2	Business Research Project	EBB127A20	20	V	EN
1.1	• Digital Marketing <i>and/or</i>	EBB105A05	5	KG	EN
1.1	• Introductie Lerarenopleiding <i>and/or</i>	EBB816B05	5	KG	NL
1.1	• Junior Business Research and Consulting <i>and/or</i>	EBB123A05	5	KG	EN
1.1	• Managementvaardigheden <i>and/or</i>	EBB697A05	5	KG	NL
1.1	• Purchasing & Supply Chain Management <i>and/or</i>	EBB742B05	5	KG	EN
1.1	• Success Factors of Econ. Growth in Korea <i>and/or</i>	EBB122A05	5	KG	EN
1.1	• Teamwork - Theories, Design and Dynamics <i>and/or</i>	EBB110A05	5	KG	EN
1.2	• Behavioural Decision Making <i>and/or</i>	EBB104A05	5	KG	EN
1.2	• Innovation Management B&M <i>and/or</i>	EBB107A05	5	KG	EN
1.2	• International Business Theories <i>and/or</i>	EBB108A05	5	KG	EN
1.2	• Junior Business Research and Consulting <i>and/or</i>	EBB123A05	5	KG	EN
1.2	• Operations Strategy and Technology	EBB109A05	5	KG	EN

NB	Students choose 10 EC from the elective group (EG).
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Appendix 5.2 BSc Econometrics and Operations Research post-propaedeutic phase

The post-propaedeutic phase of the Bachelor's degree programme in Econometrics and Operations Research consists of the following courses (with study load in ECs):

Programme: BSc Econometrics and Operations Research/EOR
Year: 2
Profile: core programme BSc EOR

sem	course title	code	EC	C/E	lang
1.1	Macroeconomics for EOR	EBB027B05	5	C	EN
1.1	Matrices, Graphs and Convexity	EBB073A05	5	C	EN
1.1	Statistical Inference	EBB075A05	5	C	EN
1.2	Difference- & Differential Equations	EBB812A05	5	C	EN
1.2	Introduction to Operations Research	EBB829A05	5	C	EN
1.2	Linear Models in Statistics	EBB072A05	5	C	EN
2.1	Introduction to Actuarial Science	EBB827A05	5	C	EN
2.1	Introduction to Econometrics	EBB828A05	5	C	EN
2.1	Queueing Theory and Simulation	EBB074A05	5	C	EN
2.2	Dynamic Econometrics	EBB813A05	5	C	EN
2.2	Introduction to Mathematical Economics	EBB830A05	5	C	EN
2.2	Risk Insurance	EBB863A05	5	C	EN

Programme: BSc Econometrics and Operations Research/EOR
Year: 3
Profile: core programme BSc EOR

sem	course title	code	EC	C/E	lang
1.1	Finance Theory and Modelling	EBB825A05	5	C	EN
1.1	Marketing Analytics	EBB114A05	5	C	EN
1.1	Numerical Methods for EOR	EBB115A05	5	C	EN
1.2	Empirical Econometrics	EBB113A05	5	C	EN
1.2	Stochastic Models	EBB878A05	5	C	EN
1.2	suitable course(s) FEB (s.t. approval)		5	C	EN
2.1-2	Bachelor's Thesis EOR	EBB925A10	10	C	EN
2.1-2	suitable course(s) FEB (s.t. approval)		10	C	EN
2.1	• Spec. Course Applied Operations Research <i>or</i>	EBB888A05	5	EG	EN
2.1	• Spec. Course Generalized Linear Models <i>or</i>	EBB883A05	5	EG	EN
2.1	• Spec. Course Microeconometrics	EBB880B05	5	EG	EN
2.2	Game Theory	EBB872A05	5	C	EN

NB	Students choose 5 EC from the elective group (EG).
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Appendix 5.3 BSc Economics and Business Economics post-propaedeutic phase

The post-propaedeutic phase of the Bachelor's degree programme in Economics and Business Economics consists of the following courses (with study load in ECs):

Programme: BSc Economics and Business Economics/E&BE
Year: 2
Profile: Business Economics

sem	course title	code	EC	C/E	lang
1.1	Matrix Analysis and Optimization	EBB066A05	5	C	EN
1.1	Monetary Macroeconomics	EBB130A05	5	C	EN
1.1	Trade Policy and Economic Integration	EBB125A05	5	C	EN
1.2	Management Accounting for BE	EBB846C05	5	C	EN
1.2	Microeconomics - Industrial Organization	EBB067A05	5	C	EN
1.2	Operations and Logistics Management	EBB068A05	5	C	EN
2.1	Capital Structure and Financial Planning	EBB060A05	5	C	EN
2.1	Econometrics for BE	EBB061A05	5	C	EN
2.1	Human Resource Management for BE	EBB065A05	5	C	EN
2.2	Economics of Banking	EBB062A05	5	C	EN
2.2	Empirical Research Paper for BE	EBB063A05	5	C	EN
2.2	Philosophy and Ethics of Business	EBB069A05	5	C	EN

Programme: BSc Economics and Business Economics/E&BE
Year: 2
Profile: Economics

sem	course title	code	EC	C/E	lang
1.1	Matrix Analysis and Optimization	EBB066A05	5	C	EN
1.1	Monetary Macroeconomics	EBB130A05	5	C	EN
1.1	Trade Policy and Economic Integration	EBB125A05	5	C	EN
1.2	Intermediate Mathematics	EBB933B05	5	C	EN
1.2	Microeconomics - Industrial Organization	EBB067A05	5	C	EN
1.2	Public Finance	EBB861A05	5	C	EN
2.1	Capital Structure and Financial Planning	EBB060A05	5	C	EN
2.1	Econometrics for Economics	EBB814A05	5	C	EN
2.1	Growth, Institutions and Business	EBB022A05	5	C	EN
2.2	Economics of Banking	EBB062A05	5	C	EN
2.2	Empirical Research Paper for Economics	EBB020B05	5	C	EN
2.2	History of Economic Thought	EBB934A05	5	C	EN

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Programme: BSc Economics and Business Economics/E&BE
Year: 2
Profile: International Economics & Business/IE&B

sem	course title	code	EC	C/E	lang
1.1	Matrix Analysis and Optimization	EBB066A05	5	C	EN
1.1	Monetary Macroeconomics	EBB130A05	5	C	EN
1.1	Trade Policy and Economic Integration	EBB125A05	5	C	EN
1.2	Global Development Studies	EBB921B05	5	C	EN
1.2	International Business Strategy for IE&B	EBB023B05	5	C	EN
1.2	Microeconomics - Industrial Organization	EBB067A05	5	C	EN
2.1	Capital Structure and Financial Planning	EBB060A05	5	C	EN
2.1	Econometrics for IE&B	EBB070A05	5	C	EN
2.1	Growth, Institutions and Business	EBB022A05	5	C	EN
2.2	Economics of Banking	EBB062A05	5	C	EN
2.2	Empirical Research Paper for IE&B	EBB071A05	5	C	EN
2.2	Philosophy and Ethics of Business	EBB069A05	5	C	EN

Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: Business Economics

sem	course title	code	EC	C/E	lang
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor Controlling <i>or</i>		30	EG	EN
1.1-2	• study abroad (= foreign minor) <i>or</i>		30	EG	EN
1.1-2	• university minor		30	EG	
2.1-2	Bachelor's Thesis E&BE-BE	EBB926C10	10	C	EN
2.1	Intermediate Asset Pricing	EBB084A05	5	C	EN
2.1	• Marketing Research for E&BE <i>or</i>	EBB085A05	5	EG	EN
2.1	• elective BSc E&BE-BE		5	EG	EN
2.2	Corporate Finance for E&BE	EBB079A05	5	C	EN
2.2	• Financial Statement Analysis for E&BE <i>or</i>	EBB081A05	5	EG	EN
2.2	• elective BSc E&BE-BE		5	EG	EN

NB	<p>The study abroad programme (foreign minor) can contain a maximum of 15 EC in non-economic and non-business courses, including no more than one language course in the language of the foreign university (maximum 6 EC). The courses of the study abroad programme must be post-propaedeutic and not overlap with the other courses of the E&BE programme followed by the student;</p> <p>It is not possible to combine parts of different minors;</p> <p>Students of profile BE are advised to take the two courses Marketing Research for E&BE and Financial Statement Analysis for E&BE. However, these courses might be replaced by courses from the table of electives E&BE-BE;</p> <p>Bachelor's Thesis E&BE-BE can also be taken in semester 1.1-2;</p> <p>Due to overlap with Financial Statement Analysis for A&C (EBB116A05) the course Financial Statement Analysis for E&BE (EBB081A05) may not be included in a programme that contains the minor Controlling.</p>
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Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: Economics

sem	course title	code	EC	C/E	lang
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor Controlling <i>or</i>		30	EG	EN
1.1-2	• study abroad (= foreign minor) <i>or</i>		30	EG	EN
1.1-2	• university minor		30	EG	
2.1-2	Bachelor's Thesis E&BE-Economics	EBB908B10	10	C	EN
2.1	Intermediate Macroeconomics	EBB842B05	5	C	EN
2.1	• Labour Economics <i>or</i>	EBB840A05	5	EG	EN
2.1	• elective BSc E&BE-Economics		5	EG	EN
2.2	Intermediate Microeconomics	EBB852B05	5	C	EN
2.2	• Political Economics <i>or</i>	EBB886B05	5	EG	EN
2.2	• elective BSc E&BE-Economics		5	EG	EN

NB	<p>The study abroad programme (foreign minor) can contain a maximum of 15 EC in non-economic and non-business courses, including no more than one language course in the language of the foreign university (maximum 6 EC). The courses of the study abroad programme must be post-propaedeutic and not overlap with the other courses of the E&BE programme followed by the student;</p> <p>It is not possible to combine parts of different minors;</p> <p>Students of profile Economics are advised to take the two courses Labour Economics and Political Economics. However, these courses might be replaced by courses from the table electives E&BE-Economics;</p> <p>Bachelor's Thesis E&BE-Economics can also be taken in semester 1.1-2;</p> <p>Due to overlap with Financial Statement Analysis for A&C (EBB116A05) the course Financial Statement Analysis for E&BE (EBB081A05) may not be included in a programme that contains the minor Controlling.</p>
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Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: International Economics & Business/IE&B

sem	course title	code	EC	C/E	lang
1.1-2	study abroad (= foreign minor)		30	C	EN
2.1-2	Bachelor's Thesis E&BE-IE&B	EBB879B10	10	C	EN
2.1	Globalization - The Great Unbundlings	EBB083A05	5	C	EN
2.1	• International Financial Markets <i>or</i>	EBB131A05	5	EG	EN
2.1	• elective BSc E&BE-IE&B		5	EG	EN
2.2	Globalization - MNEs & Institutions	EBB082A05	5	C	EN
2.2	• Growth and Development Economics <i>or</i>	EBB811B05	5	EG	EN
2.2	• elective BSc E&BE-IE&B		5	EG	EN

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NB	<p>The study abroad programme (foreign minor) can contain a maximum of 15 EC in non-economic and non-business courses, including no more than one language course in the language of the foreign university (maximum 6 EC). The courses of the study abroad programme must be post-propaedeutic and not overlap with the other courses of the E&BE programme followed by the student;</p> <p>DD-students can choose either the study abroad or the minor E&BE;</p> <p>Students of profile IE&B are advised to take the two courses Economic Organization Theory and Growth and Development Economics. However, these courses might be replaced by courses from the table electives E&BE-IE&B;</p> <p>Bachelor's Thesis E&BE-IE&B can also be taken in semester 1.1-2.</p>
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Programme: **BSc Economics and Business Economics/E&BE**

Year: **3**

Profile: **electives E&BE-BE**

sem	course title	code	EC	C/E	lang
2.1	Globalization - The Great Unbundlings	EBB083A05	5	E	EN
2.1	Intermediate Macroeconomics	EBB842B05	5	E	EN
2.1	International Financial Markets	EBB131A05	5	E	EN
2.1	Labour Economics	EBB840A05	5	E	EN
2.2	Globalization - MNEs & Institutions	EBB082A05	5	E	EN
2.2	Growth and Development Economics	EBB811B05	5	E	EN
2.2	Intermediate Microeconomics	EBB852B05	5	E	EN
2.2	Political Economics	EBB886B05	5	E	EN

Programme: **BSc Economics and Business Economics/E&BE**

Year: **3**

Profile: **electives E&BE-Economics**

sem	course title	code	EC	C/E	lang
2.1	Globalization - The Great Unbundlings	EBB083A05	5	E	EN
2.1	Intermediate Asset Pricing	EBB084A05	5	E	EN
2.1	International Financial Markets	EBB131A05	5	E	EN
2.1	Marketing Research for E&BE	EBB085A05	5	E	EN
2.2	Corporate Finance for E&BE	EBB079A05	5	E	EN
2.2	Financial Statement Analysis for E&BE	EBB081A05	5	E	EN
2.2	Globalization - MNEs & Institutions	EBB082A05	5	E	EN
2.2	Growth and Development Economics	EBB811B05	5	E	EN

Programme: **BSc Economics and Business Economics/E&BE**

Year: **3**

Profile: **electives E&BE-IE&B**

sem	course title	code	EC	C/E	lang
2.1	Intermediate Asset Pricing	EBB084A05	5	E	EN
2.1	Intermediate Macroeconomics	EBB842B05	5	E	EN
2.1	Labour Economics	EBB840A05	5	E	EN

2.1	Marketing Research for E&BE	EBB085A05	5	E	EN
2.2	Corporate Finance for E&BE	EBB079A05	5	E	EN
2.2	Financial Statement Analysis for E&BE	EBB081A05	5	E	EN
2.2	Intermediate Microeconomics	EBB852B05	5	E	EN
2.2	Political Economics	EBB886B05	5	E	EN

Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: minor E&BE

sem	course title	code	EC	C/E	lang
1.1	Behavioural Corporate Finance	EBB087A05	5	E	EN
1.1	Culture and Economics	EBB090A05	5	E	EN
1.1	Development Finance	EBB091A05	5	E	EN
1.1	Globalization - Topics and Methods	EBB093A05	5	E	EN
1.1	Health Economics	EBB120A05	5	E	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	E	EN
1.2	Corporate Financial Restructuring	EBB088A05	5	E	EN
1.2	Corporate Governance for E&BE	EBB089A05	5	E	EN
1.2	Environmental and Resource Economics	EBB898B05	5	E	EN
1.2	Innovation and Productivity	EBB094A05	5	E	EN
1.2	Sports Economics	EBB920A05	5	E	EN

NB	Students choose 30 EC from 'Minor E&BE'.
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Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: minor Business and Taxation

sem	course title	code	EC	C/E	lang
1.1	Introduction to income tax non-law stud	RGAFI30505	5	C	NL
1.1	Turnover Tax for non-law students	RGAFI30405	5	C	NL
1.1	Wage Taxes	RGBFI00105	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	EN
1.2	Private Law for non-law students	RGAPR70205	5	C	NL
1.2	Procedural Tax Law	RGBFI00605	5	C	NL

Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: minor Controlling

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Internal Control (BSc)	EBB048A05	5	C	EN

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1.2	Global Corporate Taxation	EBB121A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	• Boekhouden A&C <i>or</i>	EBB017B05	5	EG	NL
1.2	• International Financial Management	EBB627A05	5	EG	EN

NB	Students choose 5 EC from the elective group (EG).
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Appendix 5.4 BSc International Business post-propaedeutic phase

The post-propaedeutic phase of the Bachelor's degree programme in International Business consists of the following courses (with study load in ECs):

Programme: BSc International Business/IB

Year: 2

Profile: core programma BSc IB

sem	course title	code	EC	C/E	lang
1.1	Finance and Risk Management for IB	EBB631B05	5	C	EN
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Information Systems Management	EBB632A05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Global Business History	EBB038B05	5	C	EN
1.2	Statistics II for IB	EBB682B05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	Qualitative Research Methods for IB	EBB633B05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Global Political Economy	EBB039B05	5	C	EN
2.2	International Business Law for IB	EBB635C05	5	C	EN

Programme: BSc International Business/IB

Year: 3

Profile: core programma BSc IB

sem	course title	code	EC	C/E	lang
1.1-2	study abroad (= foreign minor)		30	C	EN
2.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.1	International Strategic Management	EBB628A05	5	C	EN
2.2	International Financial Management	EBB627A05	5	C	EN
2.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

NB	The courses of semester 2 can also be taken in semester 1, the study abroad can also be taken in semester 2; The study abroad programme (foreign minor) can contain a maximum of 15 EC in non-economic and non-business courses, including 10 EC of language courses.
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Appendix 6 Practical exercises in the post-propaedeutic phase

There are no post-propaedeutic courses with a practical component that is a condition for admission to the examination.

Appendix 7 Minor Entrepreneurship

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Minor Entrepreneurship is taught in English and consists of the following courses (with study load in ECs):

Programme: Entrepreneurship Minor

Year: 3

sem	course title	code	EC	C/E	lang
1.1	Fin. & Legal Aspects of Entrepreneurship	EBB128A05	5	C	EN
1.1	Introduction to Entrepreneurship	EBB124A05	5	C	EN
1.1	Market- and Knowledge-based Entr.ship	EBB129A05	5	C	EN
1.2	• Entrepreneurship in Context <i>or</i>	EBB126A05	5	EG	EN
1.2	• Entrepreneurship in a social context	GMW-MIN001	5	EG	EN
1.2	Entrepreneurship Project	EBB118B10	10	C	EN

NB	Students choose 5 ECs from the elective group (EG).
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Appendix 8 Double Degree programmes

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 8.1 DD BSc EOR – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the BSc Econometrics and Operations Research (FEB) and the Undergraduate Programme in Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in ECs:

Programme: DD BSc EOR – Fudan University, Shanghai
Year: 1
Profile: core programme for DD students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc EOR-2		60	C	EN

Programme: DD BSc EOR – Fudan University, Shanghai
Year: 2
Profile: core programme for DD students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc EOR-3		60	C	EN

Appendix 8.2 DD BSc E&BE-Economics – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the BSc Economics and Business Economics, profile Economics and the Undergraduate Programme in Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in ECs:

Programme: DD BSc E&BE-Economics – Fudan University, Shanghai
Year: 1
Profile: core programme for DD-students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc E&BE-2-Economics		60	C	EN

Programme: DD BSc E&BE-Economics – Fudan University, Shanghai

Year: 2

Profile: core programme for DD-students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc E&BE-3-Economics		60	C	EN

NB	Students from Fudan choose either study abroad (=foreign minor) or the minor E&BE
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Appendix 8.3 DD BSc E&BE-IE&B – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the BSc Economics and Business Economics, profile International Economics and Business (IE&B) and the Undergraduate Programme in Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in ECs:

Programme: DD BSc E&BE-IE&B – Fudan University, Shanghai

Year: 1

Profile: core programme for DD-students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc E&BE-2-IE&B		60	C	EN

Programme: DD BSc E&BE-IE&B – Fudan University, Shanghai

Year: 2

Profile: core programme for DD-students from Shanghai

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc E&BE-3-IE&B		60	C	EN

Appendix 8.4 DD BSc IB – Universitas Gadjah Mada, Yogyakarta (1.5-year)

The English-language Double Degree programme of the BSc International Business (FEB) and the International Undergraduate Programme in Business and Economics of Universitas Gadjah Mada, Faculty of Economics and Business, Yogyakarta, Indonesia, comprises the following courses and study load in ECs:

Programme: DD BSc IB - Universitas Gadjah Mada, Yogyakarta

Year: 1

Profile: core programme for DD-students from Yogyakarta

sem	course title	code	EC	C/E	lang
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Organizational Structure	EBP670C05	5	C	EN

1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Global Business History	EBB038B05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	International Marketing for IB	EBP661C05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Management Accounting for IB	EBP017B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN
2.2	• Global Political Economy <i>or</i>	EBB039B05	5	EG	EN
2.2	• International Business Law	EBB635B05	5	EG	EN

NB	Students choose 5 EC from the elective group (EG); UGM students that have already taken Management Accounting in UGM's International Undergraduate Programme can substitute this course with the remaining elective; Studenten take courses with a total of 65 EC in the first year and 25 EC in the second year.
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Programme: DD BSc IB – Universitas Gadjah Mada, Yogyakarta

Year: 2

Profile: core programme for DD-students from Yogyakarta

sem	course title	code	EC	C/E	lang
1.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
1.1	Empirical Research Project for IB	EBB044A05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 8.5 DD BSc IB – Universitas Indonesia, Jakarta (1.5-year)

The English-language Double Degree programme of the BSc International Business (FEB) and the International Undergraduate Programme in Business and Economics of the Universitas Indonesia, Faculty of Economics and Business, Jakarta, Indonesia, comprises the following courses and study load in ECs:

Programme: DD BSc IB – Universitas Indonesia, Jakarta

Year: 1

Profile: core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Organizational Structure	EBP670C05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Global Business History	EBB038B05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN

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2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	International Marketing for IB	EBP661C05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Management Accounting for IB	EBP017B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN
2.2	• Global Political Economy of	EBB039B05	5	EG	EN
2.2	• International Business Law	EBB635B05	5	EG	EN

NB	Students choose 5 EC from the elective group (EG); UI students that have already taken Management Accounting in UI's International Undergraduate's Programme can substitute this course with the remaining elective; Studenten take courses with a total of 65 EC in the first year and 25 EC in the second year.
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Programme: DD BSc IB – Universitas Indonesia, Jakarta

Year: 2

Profile: core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
1.1	Empirical Research Project for IB	EBB044A05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 8.6 DD BSc IB – Universitas Indonesia, Jakarta (2-year)

The English-language Double Degree programme of the BSc International Business (FEB) and the International Undergraduate Programme in Business and Economics of the Universitas Indonesia, Faculty of Economics and Business, Jakarta, Indonesia, comprises the following courses and study load in ECs:

Programme: DD BSc IB – Universitas Indonesia, Jakarta (2-year)

Year: 1

Profile: core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1-2	English for IB	EBP665C05	5	C	EN
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Global Supply Chain Management	EBP018A05	5	C	EN
1.1	Organizational Structure	EBP670C05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Global Business History	EBB038B05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Economics for IB	EBP660C05	5	C	EN
2.1	International Marketing for IB	EBP661C05	5	C	EN
2.2	International Business Environment	EBP031A05	5	C	EN
2.2	International Business Law for IB	EBB635C05	5	C	EN
2.2	Management Accounting for IB	EBP017B05	5	C	EN

2.2	Research Methodology for IB	EBP662C05	5	C	EN
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Programme: DD BSc IB – Universitas Indonesia, Jakarta (2-year)

Year: 2

Profile: core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1	Empirical Research Project for IB	EBB044A05	5	C	EN
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Information Systems Management	EBB632A05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN
2.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	International Strategic Management	EBB628A05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Global Political Economy	EBB039B05	5	C	EN

NB	Studenten take courses with a total of 65 EC in the first year and 55 EC in the second year.
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Bijlage 8.7 DD BSc IB – ITB, Bandung (1.5-year)

The English-language Double Degree programme of the BSc International Business (FEB) and the Institut Teknologi Bandung (ITB) in Bandung, Indonesia, comprises the following courses and study load in ECs:

Programme: DD BSc IB – ITB, Bandung

Year: 1

Profile: core programme for DD students from Bandung

sem	course title	code	EC	C/E	lang
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Organizational Structure	EBP670C05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Statistics II for IB	EBB682B05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	Qualitative Research Methods for IB	EBB633B05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	International Business Law for IB	EBB635C05	5	C	EN
2.2	Management Accounting for IB	EBP017B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN

Programme: DD BSc IB – ITB, Bandung
Year: 2
Profile: core programme for DD students from Bandung

sem	vaknaam	vakcode	EC	V/K	taal
1.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
1.1	Empirical Research Project for IB	EBB044A05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 8.8 DD BSc IB – KEDGE Business School, Bordeaux (4-year)

The English-language Double Degree programme of the BSc International Business (FEB) and the EBP International Business Programme of the KEDGE Business School in Bordeaux, France, comprises the following courses and study load in ECs:

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 1
Profile: core programme for DD students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc IB-1		60	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 1
Profile: core programme for DD students from Bordeaux

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	academic courses at KEDGE BS		60	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 2
Profile: core programme for DD students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to BSc IB-2		60	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 2
Profile: core programme for DD students from Bordeaux

sem	course title	code	EC	C/E	lang
1.1-2	academic courses at KEDGE BS		30	C	EN

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2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.1	Statistics I for IB	EBP657C05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Global Political Economy	EBB039B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 3
Profile: core programme for DD students from FEB

sem	course title	code	EC	C/E	lang
1.1-2	study abroad, compulsory at KEDGE BS		30	C	EN
2.1-2	academic courses at KEDGE BS		30	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 3
Profile: core programme for DD students from Bordeaux

sem	course title	code	EC	C/E	lang
1.1	Finance and Risk Management for IB	EBB631B05	5	C	EN
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	Information Systems Management	EBB632A05	5	C	EN
1.2	CrossCultural Management	EBB036A05	5	C	EN
1.2	Global Business History	EBB038B05	5	C	EN
1.2	Statistics II for IB	EBB682B05	5	C	EN
2.1-2	academic courses at KEDGE BS		30	C	EN

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 4
Profile: core programme for DD students from FEB

sem	course title	code	EC	C/E	lang
1.1-2	academic courses at KEDGE BS		30	C	EN
2.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.1	International Strategic Management	EBB628A05	5	C	EN
2.2	International Financial Management	EBB627A05	5	C	EN
2.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

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Programme: DD BSc IB – KEDGE Business School, Bordeaux

Year: 4

Profile: core programme for DD students from Bordeaux

sem	course title	code	EC	C/E	lang
1.1-2	academic courses at KEDGE BS		30	C	EN
2.1-2	Bachelor's Thesis IB	EBB737B10	10	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.1	International Strategic Management	EBB628A05	5	C	EN
2.2	International Financial Management	EBB627A05	5	C	EN
2.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 9 Pre-Master's programmes

Explanation of abbreviations used in the degree programme overviews below:
C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 9.1 Pre-MSc Accountancy and Controlling

The Pre-Master's programme Accountancy & Controlling for HBO-AC, in preparation for the MSc in Accountancy & Controlling is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc A&C for HBO-AC

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Finance for EOR	EBP801B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN

The Pre-Master's programme Accountancy & Controlling for HBO-BE, in preparation for the MSc in Accountancy & Controlling is taught in Dutch and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc A&C for HBO-BE

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Management Control for A&C	EBB102B05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Global Corporate Taxation	EBB121A05	5	C	EN
2.1	Financial and Actuarial Calculus	EBB822B05	5	C	NL
2.1	Financial Reporting and Consolidation	EBB047A05	5	C	NL
2.1	Ondernemingsrecht A&C	EBB901C05	5	C	NL
2.2	Accounting Information Systems A&C	EBB096A05	5	C	NL
2.2	Financiering A&C	EBB823C05	5	C	NL
2.2	Introduction to Auditing	EBB049A05	5	C	NL

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc A&C for HBO other programmes

sem	course title	code	EC	C/E	lang
1.1	Finance for EOR	EBP801B05	5	C	EN
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Internal Control (BSc)	EBB048A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Management Accounting for BE	EBB846C05	5	C	EN
2.1-2	Research Paper for Pre-MSc A&C	EBS019A10	10	C	EN
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	Financial Accounting for Pre-MSc	EBS018A05	5	C	EN
2.2	Accounting Information Systems A&C	EBB096A05	5	C	NL
2.2	Introduction to Auditing	EBB049A05	5	C	NL

Appendix 9.2 Pre-MSc Algemene Economie voor de Lerarenopleiding

The Pre-Master's programme Algemene Economie voor de Lerarenopleiding, in preparation for the Lerarenopleiding Economie en Bedrijfswetenschappen (2 years) is taught in English and Dutch and consists of the following courses (with study load in ECs):

Programme: Pre-MSc-programmness FEB
Year: 1
Profile: Pre-MSc Algemene Economie voor de Lerarenopleiding

sem	course title	code	EC	C/E	lang
1.1	Introductie Lerarenopleiding	EBB816B05	5	V	NL
1.1	Macroeconomics for Pre-MSc	EBS020A05	5	V	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	V	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	V	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	V	EN
1.2	Microeconomics - Industrial Organization	EBB067A05	5	V	EN

Appendix 9.3 Pre-MSc BA – Change Management

The Pre-Master's programme Business Administration, in preparation for the MSc in Business Administration – profile Change Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc – BA Change Management

sem	course title	code	EC	C/E	lang
1.1	Information Systems Management	EBB632A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
2.1-2	Research Paper for Pre-MSc BA CM	EBS006A10	10	C	EN
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.4 Pre-MSc BA – Organizational and Management Control

The Pre-Master's programme Business Administration, in preparation for the MSc in Business Administration – profile Organizational and Management Control is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc BA – Organizational & Management Control/O&MC

sem	course title	code	EC	C/E	lang
1.1	Corporate Governance for A&C	EBB099B05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Management Accounting for BE	EBB846C05	5	C	EN
2.1-2	Research Paper for Pre-MSc BA O&MC	EBS009A10	10	C	EN
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	Financial Accounting for Pre-MSc	EBS018A05	5	C	EN
2.2	Asset Pricing and Capital Budgeting	EBP032A05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.5 Pre-MSc BA – Small Business and Entrepreneurship

The Pre-Master's programme Business Administration, in preparation for the MSc in Business Administration – profile Small Business and Entrepreneurship is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc BA – Small Business & Entrepreneurship/SB&E

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
2.1-2	Research Paper for Pre-MSc BA SB&E	EBS012A10	10	C	EN
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.6 Pre-MSc BA – Strategic Innovation Management/SIM

The Pre-Master's programme Business Administration, in preparation for the MSc in Business Administration – profile Strategic Innovation Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc – BA Strategic Innovation Management/SIM

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Innovation Management B&M	EBB107A05	5	C	EN
2.1-2	Research Paper for Pre-MSc BA SIM	EBS011B10	10	C	EN
2.1	Ethics in Business and Management	EBB100A05	5	C	EN
2.1	International Strategic Management	EBB628A05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.7 Pre-MSc Econometrics, Operations Research & Actuarial Studies

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-MSc programme. For students who cannot be directly admitted to the MSc EORAS, Admission Committee of the master programmes can, at the student's request, determine an individual Pre-MSc programme. At the same time as the individual programme the progress requirement after 1 year is set.

Appendix 9.8 Pre-MSc Economics

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-MSc programme. For students who cannot be directly admitted to the MSc Economics, Admission Committee of the master programmes can, at the student's request, determine an individual Pre-MSc programme. At the same time as the individual programme the progress requirement after 1 year is set.

Appendix 9.9 Pre-MSc Finance

The Pre-Master's programme Finance, in preparation for the MSc in Finance is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB

Year: 1

Profile: Pre-MSc Finance

sem	course title	code	EC	C/E	lang
1.1	Intermediate Asset Pricing	EBB084A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Macroeconomics for E&BE	EBP812B05	5	C	EN
2.1-2	Research Paper for Pre-MSc Finance	EBS007B10	10	C	EN
2.1	Econometrics for BE	EBB061A05	5	C	EN
2.1	Financial Accounting for Pre-MSc	EBS018A05	5	C	EN
2.2	Corporate Finance for E&BE	EBB079A05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN

Appendix 9.10 Pre-MSc Human Resource Management

The Pre-Master's programme Human Resource Management, in preparation for the MSc in Human Resource Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc Human Resource Management/HRM

sem	course title	code	EC	C/E	lang
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.1	Teamwork - Theories, Design and Dynamics	EBB110A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
2.1-2	Research Paper for Pre-MSc HRM	EBS013A10	10	C	EN
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.11 Pre-MSc International Business and Management

The Pre-Master's programme International Business & Management, in preparation for the MSc in International Business & Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc International Business & Management/IB&M

sem	course title	code	EC	C/E	lang
1.1	Foreign Dir. Investment, Trade & Geogr.	EBB037A05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
2.1-2	Research Paper for Pre-MSc IB&M	EBS013A10	10	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 9.12 Pre-MSc International Economics and Business

The Pre-Master's programme International Economics and Business, in preparation for the MSc in International Economics and Business is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc International Economics & Business/IE&B

sem	course title	code	EC	C/E	lang
1.1	Macroeconomics for Pre-MSc	EBS020A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	C	EN
2.1-2	Research Paper for Pre-MSc IE&B	EBS015A10	10	C	EN
2.1	Econometrics for IE&B	EBB070A05	5	C	EN
2.1	Globalization - The Great Unbundlings	EBB083A05	5	C	EN
2.2	Globalization - MNEs & Institutions	EBB082A05	5	C	EN
2.2	Growth and Development Economics	EBB811B05	5	C	EN

Appendix 9.13 Pre-MSc International Financial Management

The Pre-Master's programme International Financial Management, in preparation for the MSc in International Financial Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB
Year: 1
Profile: Pre-MSc International Financial Management/IFM

sem	course title	code	EC	C/E	lang
1.1	Finance and Risk Management for IB	EBB631B05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Financial Accounting for E&BE	EBP802B05	5	C	EN
2.1-2	Research Paper for Pre-MSc IFM	EBS017A10	10	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.2	International Financial Management	EBB627A05	5	C	EN
2.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 9.14 Pre-MSc Marketing

The Pre-Master's programme Marketing, in preparation for the MSc in Marketing is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB

Year: 1

Profile: Pre-MSc Marketing

sem	course title	code	EC	C/E	lang
1.1	Digital Marketing	EBB105A05	5	C	EN
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Behavioural Decision Making	EBB104A05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
2.1-2	Research Paper for Pre-MSc Marketing	EBS008B10	10	C	EN
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.1	Marketing Research for E&BE	EBB085A05	5	C	EN
2.2	Contemporary Theories on B&M	EBB098A05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 9.15 Pre-MSc Supply Chain Management

The Pre-Master's programme Operations and Supply Chains, in preparation for the MSc in Supply Chain Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB

Year: 1

Profile: Pre-MSc Supply Chain Management/SCM

sem	course title	code	EC	C/E	lang
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.1	Purchasing & Supply Chain Management	EBB742B05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Operations Strategy and Technology	EBB109A05	5	C	EN
2.1-2	Research Paper for Pre-MSc SCM	EBS010C10	10	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Contemporary Theories on B&M	EBB098A05	5	C	EN
2.2	Production Planning & Quality Control	EBB058A05	5	C	EN

Appendix 9.16 Pre-MSc Technology and Operations Management

The Pre-Master's programme Technology and Operations Management, in preparation for the MSc in Technology and Operations Management is taught in English and consists of the following courses (with study load in ECs):

Programme: Pre-MSc programmes FEB

Year: 1

Profile: Pre-MSc Technology and Operations Management/TOM

sem	course title	code	EC	C/E	lang
1.1	Mathematics for Pre-MSc	EBS002A05	5	C	EN
1.1	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.1	Purchasing & Supply Chain Management	EBB742B05	5	C	EN
1.2	Business Research Methods for Pre-MSc	EBS001A10	10	C	EN
1.2	Operations Strategy and Technology	EBB109A05	5	C	EN
2.1-2	Research Paper for Pre-MSc TOM	EBS016B10	10	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	5	C	EN
2.2	Production Planning & Quality Control	EBB058A05	5	C	EN

Appendix 10 Accepted HBO diplomas for Pre-MSc programmes

Pre-MSc Accountancy and Controlling for HBO-AC

- HBO Accountancy (provided the Overall Examination (AOT) has been passed)

Pre-MSc Accountancy & Controlling for HBO-BE

- HBO Business Economics
- HBO Accountancy (only those students who failed the Overall Examination (AOT))

Pre-MSc Accountancy and Controlling for HBO other programmes

- All HBO degrees

Pre-MSc Algemene Economie voor de Lerarenopleiding

- Dependent on assessment of the Admissions Board¹¹

Pre-MSc Business Administration (all specializations)

- All HBO degrees

Pre-MSc Econometrics, Operations Research and Actuarial Studies

- Dependent on assessment of the Admissions Board

Pre-MSc Economics

- Dependent on assessment of the Admissions Board

Pre-MSc Finance

- All HBO degrees

Pre-MSc Human Resource Management

- All HBO degrees

Pre-MSc International Business and Management

- All HBO degrees

Pre-MSc International Economics and Business

- All HBO degrees

Pre-MSc International Financial Management

- All HBO degrees

Pre-MSc Marketing

- All HBO degrees

Pre-MSc Supply Chain Management

- All HBO degrees

Pre-MSc Technology and Operations Management

- All HBO degrees

11 To be eligible for admission to the (two-year) Lerarenopleiding Economie en Bedrijfswetenschappen, the candidate coming from a HBO must be eligible for admission to at least one of the following MSc programmes: MSc Econometrics, Operations Research and Actuarial Studies, MSc Economics, MSc International Economics and Business, MSc Accountancy and Controlling, MSc Business Administration, MSc Finance, MSc International Business and Management, MSc International Financial Management, MSc Marketing, MSc Supply Chain Management, MSc Technology and Operations Management. This can be accomplished, among other things, by completing a Pre Master programme of one of these programmes.

Appendix 11 Substitution and transition regulations

Appendix 11.1 General

- Three options can be distinguished in the substitution regulations:
 - option 1*: with respect to content, the substitution course does not differ or differs hardly from the course in the old programme. Although, name, course code, language of instruction or semester block may have changed. In case the block has changed students can only take the substitution course in the new block; also the (resit) examination can only be taken in the new block.
 - option 2*: the substitution course differs, in respect of content (a lot) from the course in the old programme. In that case, the student has a choice to either take the substitution course and to also take the exam in the substitution course or to take the resit examination of the course in the old programme. In 2017-2018 there will be two opportunities to take this resit. This applies only to courses offered for the last time in 2016-2017. The resit examinations for the old programme will be scheduled parallel with the regular examinations of the substitution course.
 - option 3*: there is no substitution course replacing a course of the old programme. In that case two resit opportunities will be offered in 2017-2018 for the course of the old programme. This applies only to courses offered for the last time in 2016-2017. The resit examination periods may deviate from those of the academic year 2016-2017.
- The notes in Appendix 11.1.1 apply to the substitution regulations of all bachelor programmes.

Appendix 11.2 BSc Econometrics and Operations Research: substitution regulation

BSc EOR substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 11.1)
Multivariate Calculus EBP013B05	year 1, block 2.1	Multivariate Calculus EBP013B05	year 1, block 2.2	option 1
Linear Algebra for EOR EBP037A05	year 1, block 2.2	Linear Algebra for EOR EBP037A05	year 1, block 2.1	option 1

Appendix 11.3 BSc Economics & Business Economics: substitution regulation

BSc E&BE substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 11.1)
International Macroeconomics EBB841B05	year 2, block 1.1	Monetary Macroeconomics EBB130A05	year 2, block 1.1	option 1

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Foreign Dir. Investment & Trade for E&BE EBB064A05	year 2, block 1.1	Trade Policy and Economic Integration EBB125A05	year 2, block 1.1	option 2
Formeel Belastingrecht 1 RGBFI00005	year 3, block 1.2	Formeel Belastingrecht RGBFI00605	year 3, block 1.2	option 1
Economic Organization Theory EBB080A05	year 3, block 2.1	International Financial Markets EBB131A05	year 3, block 2.1	option 3

Appendix 11.4 BSc Economics & Business Economics: transition regulation

BSc E&BE transition regulation 2017-2018		
course in NEW programme (2017-2018)	sem. 17-18	courses of OLD programme that (if completed) may replace the new course
Monetary Macroeconomics EBB130A05	year 2, block 1.1	International Macroeconomics EBB841B05
Trade Policy and Economic Integration EBB125A05	year 2, block 1.1	Foreign Dir. Investment & Trade for E&BE EBB064A05
Formeel Belastingrecht RGBFI00605	year 3, block 1.2	Formeel Belastingrecht 1 RGBFI00005
International Financial Markets EBB131A05	year 3, block 2.1	Economic Organization Theory EBB080A05

Appendix 11.5 Minor Innovation & Entrepreneurship: substitution regulation

Minor Innovation & Entrepreneurship substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 11.1)
Entrepreneurship B&M / TM EBB106A05	year 3, block 1.1	Introduction to Entrepreneurship EBB124A05	year 3, block 1.1	option 1

Appendix 11.6 Minor Innovation & Entrepreneurship: transition regulation

Minor Innovation & Entrepreneurship transition regulation 2017-2018		
course in NEW programme (2017-2018)	sem. 17-18	courses of OLD programme that (if completed) may replace the new course
Introduction to Entrepreneurship EBB124A05	year 3, block 1.1	Entrepreneurship B&M / TM EBB106A05

Appendix 11.7 Minor Ondernemerschap-Entrepreneurship: substitution regulation

As of academic year 2017-2018, the name 'minor Ondernemerschap' has been changed into 'minor Entrepreneurship'. All the courses taught in Dutch have been replaced by courses taught in English.

Minor Ondernemerschap - Minor Entrepreneurship substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 11.1)
Introductie Ondernemerschap, EBB004A10	year 3, block 1.1-2	Introduction to Entrepreneurship, EBB124A05 <i>and</i> Entrepreneurship in Context, EBB126A05 <i>or (instead of EBB126A05)</i> Entrepreneurship in a social context, GMW-MIN001	year 3, block 1.1 year 3, block 1.2 year 3, block 1.2	option 2
Intern Ondernemerschap, EBB002A10	year 3, block 1.1-2	Financial and Legal Aspects of Entrepreneurship, EBB128A05 <i>and</i> Market- and Knowledge-based Entrepreneurship, EBB129A05	year 3, block 1.1 year 3, block 1.1	option 2
Zelf Ondernemen, EBB011A10	year 3, block 1.1-2	Entrepreneurship Project, EBB118B10	year 3, block 1.2	option 2

Appendix 11.8 Minor Ondernemerschap-Entrepreneurship: transition regulation

Students who have already rounded off courses of the University Minor Ondernemerschap and continue with the Minor Entrepreneurship, can make use of the transition regulation below.

Minor Ondernemerschap - Minor Entrepreneurship transition regulation 2017-2018		
course in NEW programme (2017-2018)	sem. 17-18	courses of OLD programme that (if completed) may replace the new course
Introduction to Entrepreneurship, EBB124A05 <i>and</i> Entrepreneurship in Context, EBB126A05 <i>or (instead of EBB126A05)</i> Entrepreneurship in a social context, GMW-MIN001	year 3, block 1.1 year 3, block 1.2 year 3, block 1.2	Introductie Ondernemerschap EBB004A10
Financial and Legal Aspects of Entrepreneurship, EBB128A05 <i>and</i> Market- and Knowledge-based Entrepreneurship, EBB129A05	year 3, block 1.1 year 3, block 1.1	Intern Ondernemerschap EBB002A10
Entrepreneurship Project, EBB118B10	year 3, block 1.2	Zelf Ondernemen EBB011A10

II Teaching and Examination Regulations Master's degree programmes 2017-2018

Section 1 General provisions

Article 1.1 Scope

1. These Regulations apply to the teaching, the examinations and assessment of the following Master's degree programmes:
 - a) MSc Accountancy and Controlling (A&C).
 - b) MSc Business Administration (BA).
 - c) MSc Econometrics, Operations Research and Actuarial Studies (EORAS).
 - d) MSc Economics.
 - e) MSc Finance.
 - f) MSc Economics of Taxation (being phased out¹²).
 - g) MSc Human Resource Management (HRM).
 - h) MSc International Business and Management (IB&M).
 - i) MSc International Economics and Business (IE&B).
 - j) MSc International Financial Management (IFM).
 - k) MSc Marketing.
 - l) MSc Supply Chain Management (SCM).
 - m) MSc Technology and Operations Management (TOM).
 - n) Research Master in Economics and Business (research) (ReMa E&B).
 - o) Executive Master of Accountancy (EMA).
 - p) Executive Master of Finance and Control (EMFC).
 - q) MSc Teaching Economics and Business Studies.
 - r) MSc Teaching Economics.
 - s) MSc Teaching Management and Organization.Hereinafter referred to as: the degree programmes, and to all students¹³ enrolled in one of the degree programmes.
2. The degree programmes are organized by the Faculty of Economics and Business (FEB) of the University of Groningen, henceforth referred to as 'the Faculty' or 'FEB'.
3. These Teaching and Examination Regulations also apply to students of other programmes, faculties or institutes of higher education, insofar as they take courses of one of the degree programmes.
4. Notwithstanding the provisions in Article 6.9.2, courses of other degree programmes, faculties or institutes of higher education, taken by FEB-students, are subject to the Teaching and Examination Regulations of those programmes, faculties or institutes and to the decisions of the relevant Board of Examiners.
5. The Teaching Economics and Business Studies, Teaching Economics and Teaching Management and Organization degree programmes (Article 1.1.q, Article 1.1.r, Article 1.1.s) are organized jointly by the Faculty and the Teacher Education Department (ULO) of the Faculty of Behavioural and Social Sciences of the RUG. The Faculty is responsible for the degree programme. The courses taken by students at the Teacher Education Department (ULO) are subject to the teaching and examination regulations of the Teacher Education Department (ULO), as listed in Appendix 23 and Appendix 24.
6. These Regulations also apply to the Double Degree Master programmes offered by

12 As of September 2017 for the MSc in Economics of Taxation only reregistration is possible.

13 For the sake of convenience, this OER will only use the third person masculine pronoun.

the Faculty in collaboration with partner universities abroad, i.e.:

- a) Double Degree of the **MSc Accountancy and Controlling** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- b) Double Degree of the **MSc Business Administration** (FEB) and the Master in Management of the *Sun Yat-sen* Business School, Guangdong, China.
- c) Double Degree of the **MSc Econometrics, Operations Research and Actuarial Studies** and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- d) Double Degree of the **MSc Economics** (FEB) and the MSc in Economic Analysis of the Universidad de *Chile*, Santiago, Chili.
- e) Double Degree of the **MSc Economics** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- f) Double Degree of the **MSc Finance** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- g) Double Degree of the **MSc Finance** (FEB) and the MSc in Finance and Risk Management of the Alexandru Ioan Cuza University, *Iasi*, Romania.
- h) Double Degree of the **MSc Finance** (FEB) and the MSc in Finance of *Lund* University, Sweden.
- i) Double Degree of the **MSc International Business and Management** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- j) Double Degree of the **MSc International Business and Management** (FEB) and the MSc in Advanced International Business Management & Marketing of the Newcastle University Business School, *Newcastle*, UK.
- k) Double Degree of the **MSc International Economics and Business** (FEB) and the MA in International Economy and Business of the *Corvinus* University, Budapest, Hungary.
- l) Double Degree of the **MSc International Economics and Business** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- m) Double Degree of the **MSc International Economics and Business** (FEB) and the MA in International Economics, specialization Development Economics of the Georg-August University, *Göttingen*, Germany.
- n) Double Degree of the **MSc International Economics and Business** (FEB) and the MSc in Economic Development and Growth of the Lund University, *Lund*, Sweden.
- o) Double Degree of the **MSc International Financial Management** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- p) Double Degree of the **MSc International Financial Management** (FEB) and the MSc in Business and Economics of the Uppsala University, *Uppsala*, Sweden.
- q) Double Degree of the **MSc Marketing** (FEB) and the MSc in Economics, specialization Applied Economics of the *Fudan* University School of Economics, Shanghai, China.
- r) Double Degree of the **MSc Marketing**, profile Marketing Intelligence (FEB) and the MSc in Business Administration, specializations Marketing en Finance of the Münster University School of Economics and Business, *Münster*, Germany.
- s) Double Degree of the **MSc Marketing**, profile Marketing Intelligence (FEB)

and the MSc in Strategic Marketing Management of the BI Norwegian Business School, *Oslo*, Norway.

- t) Double Degree of the **MSc Technology and Operations Management (FEB)** and the MSc in Operations and Supply Chain Management of the Newcastle University Business School, *Newcastle*, UK.

Hereinafter referred to as: the Double Degree Master programmes, insofar it concerns courses taken by students at the Faculty

The courses of the Double Degree Master programmes taken by students at a partner university are subject to the teaching and examination regulations of that university. The Faculty and the partner university are jointly responsible for the programme and the award of diplomas.

Article 1.2 Definitions

The following definitions apply to these Regulations::

- | | | |
|----|-------------------------|--|
| a. | Act, WHW: | Wet op het hoger onderwijs en wetenschappelijk onderzoek (Higher Education and Research Act). |
| b. | Student: | he who is enrolled as a Master student at the University of Groningen after having paid a tuition fee. His enrolment rights are covered by Article 7.34 of the Act. |
| c. | Degree programme: | one of the Master's degree programmes listed in Article 1.1 of these regulations. |
| d. | Profile: | a variant within a degree programme that leads to a diploma. |
| e. | Module or course: | a part of the degree programme as defined in Article 7.3 of the Act. |
| f. | Ocasys: | the electronic course catalogue of the University of Groningen specifying the degree programmes and the content of the courses in the degree programmes (http://www.rug.nl/ocasys). |
| g. | ECTS credit (EC): | international unit expressing student work load of courses; according to the European Credit Transfer and Accumulation System, one ECTS credit point (EC) equals 28 hours of study. |
| h. | Pre-Master's programme: | a programme intended to remedy deficiencies for admission to a Master's degree programme. |
| i. | Examiner: | a person appointed by the Board of Examiners to set examinations and determine their results. |
| j. | Examination: | an examination of the knowledge, understanding and skills of the student, as well as an assessment of the results of the research as a part of the final assessment. |
| k. | Partial examination: | a part of an examination, sat at a time and place different from the usual time and place of examination. |
| l. | Final assessment: | the final assessment for the Master's degree programme. |
| m. | Academic year: | the period of time that starts on 1 September and ends on 31 August of the following year. |
| n. | Semester: | part of the academic year, either starting on 1 September and ending on a date to be determined by the Board of the University (CvB) on or around 31 January, or starting on the aforementioned date determined by the CvB and ending on 31 August. A semester may be divided into two blocks. |

- o. Practical: a practical assignment, as referred to in Article 7.13 of the Act, in one of the following forms:
- a thesis.
 - a written assignment, paper or draft.
 - participation in a field trip or excursion.
 - completion of an internship.
 - or participation in another educational activity designed to teach certain skills.
- p. Board of Examiners: an independent body with the duties and powers as stated in Articles 7.11, 7.12, 7.12b and 7.12c of the Act, including assessing whether the requirements of the final assessment have been met.
- q. Admissions Board: the Board that has decision-making powers in matters concerning admission to the degree programme on behalf of the Faculty Board.
- r. Dual degree programme: a degree programme within the meaning of Article 7.7a.3 of the Act.
- s. Programme committee: the consultative and advisory body that fulfils the duties referred to in Article 9.18 and 9.38c of the Act.
- t. University Board: the Board of the University of Groningen.
- u. Faculty Board: the Board of the Faculty of Economics and Business of the University of Groningen.
- v. Faculty Council: the participation council that fulfils the duties referred to in Articles 9.37 a.f. of the Act.
- w. SOM: acronym of System, Organization, Management: the name of the research school of FEB.

The other definitions shall have the meaning that the Act ascribes to them.

Article 1.3 Objectives and learning outcomes of the degree programmes

1. The objectives and learning outcomes of the Master's degree programme in Accountancy and Controlling are listed in Appendix 1.1.
2. The objectives and learning outcomes of the Master's degree programme in Business Administration are listed in Appendix 1.2.
3. The objectives and learning outcomes of the Master's degree programme in Econometrics, Operations Research and Actuarial Studies are listed in Appendix 1.3.
4. The objectives and learning outcomes of the Master's degree programme in Economics are listed in Appendix 1.4.
5. The objectives and learning outcomes of the Master's degree programme in Finance are listed in Appendix 1.5.
6. The objectives and learning outcomes of the Master's degree programme in Economics of Taxation are listed in Appendix 1.6.
7. The objectives and learning outcomes of the Master's degree programme in Human Resource Management are listed in Appendix 1.7.
8. The objectives and learning outcomes of the Master's degree programme in International Business and Management are listed in Appendix 1.8.
9. The objectives and learning outcomes of the Master's degree programme in International Economics and Business are listed in Appendix 1.9.
10. The objectives and learning outcomes of the Master's degree programme in International Financial Management are listed in Appendix 1.10.
11. The objectives and learning outcomes of the Master's degree programme in

- Marketing are listed in Appendix 1.11.
12. The objectives and learning outcomes of the Master's degree programme in Supply Chain Management are listed in Appendix 1.12.
 13. The objectives and learning outcomes of the Master's degree programme in Technology and Operations Management are listed in Appendix 1.13.
 14. The objectives and learning outcomes of the Research Master's degree programme in Economics and Business (research) are listed in Appendix 1.14.
 15. The objectives and learning outcomes of the Executive Master of Accountancy are listed in Appendix 1.15.
 16. The objectives and learning outcomes of the Executive Master of Finance and Control are listed in Appendix 1.16.
 17. The final qualifications of the Master's degree programme in Teaching Economics and Business Studies are formulated in Article 1.3 of Appendix 23, which forms an integral part of this OER.
 18. The final qualifications of the Master's degree programme in Teaching Economics and the Master's degree programme in Teaching Management and Organization are formulated in Article 1.3 of Appendix 24, which forms an integral part of this OER.
 19. The University's digital course catalogue Ocasys sets out the course specific learning goals of the modules.

Section 2 Admission to the degree programmes

Article 2.1 Start of the degree programmes

1. The programmes commence three times a year: at 1 September, at 1 February and at 1 March.
2. Contrary to the provisions of Article 2.1.1 the Research Master in Economics and Business (research) programme only starts at 1 September.
3. Admission to the degree programmes is only possible at the times mentioned in Article 2.1.1 and Article 2.1.2.
4. Also students, who were already admitted in a previous year to one of the programmes, can only register for the relevant programme either 1 September, 1 February or 1 March.
5. In exceptional cases, the Admissions Board can grant admission at other times.

Article 2.2 Entry requirements

1. Eligible for admission to the **MSc Accountancy and Controlling** programme¹⁴ are holders of one of the following diplomas:
 - a) BSc Business Administration, profile Accountancy and Controlling of the RUG.
 - b) HBO Accountancy, provided they have passed the Overall Examination (AOT) and have completed the pre-master programme A&C for HBO-AC.
 - c) HBO Accountancy, in case they failed the Overall Examination (AOT), provided they have completed the pre-master programme A&C for HBO-BE.
 - d) HBO Business Economics, provided they have completed the pre-master programme A&C for HBO-BE.

Holders of a bachelor's diploma Accountancy and Controlling who have not passed the courses Introduction to Auditing (EBB049A05) and Auditing Practices (EBB097A05) follow an adjusted master programme, in consultation with the programme director.¹⁵

Also eligible for admission are holders of the following diplomas of the RUG:

- e) BSc Bedrijfskunde.
- f) BSc Economics & Business Economics.
- g) BSc International Business.

Holders of a diploma mentioned under e, f or g should have knowledge at an introductory level in the fields of management accounting, financial accounting and finance, and they should have passed the courses Management Control for A&C (EBB102B05); Financial Statement Analysis for A&C (EBB116A05); Internal Control (BSc) (EBB048A05); Accounting Information Systems A&C (EBB096A05); Introduction to Auditing (EBB049A05) and Auditing Practices (EBB097A05), the foregoing to be assessed by the Admissions Board.

Holders of a BSc diploma in the field of Business Economics or Business Administration of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted provided they have knowledge at an introductory level in the fields of management accounting, financial accounting and finance, and they have passed the courses Management Control for A&C (EBB102B05); Financial Statement Analysis for A&C (EBB116A05); Internal Control (BSc) (EBB048A05);

14 From September 2018 holders of a HBO diploma other than HBO-AC or HBO-BE will be given the possibility to be eligible for admission to the MSc A&C after having rounded off the Pre-MSc programme 'A&C for HBO other programmes'.

15 From September 2017 it will be a condition for holders of a bachelor's diploma A&C to have successfully rounded off the courses Introduction to Auditing (EBB049A05) and Auditing Practices (EBB097A05) to be admitted to the MSc Accountancy and Controlling.

Accounting Information Systems A&C (EBB096A05); Introduction to Auditing (EBB049A05) and Auditing Practices (EBB097A05), or equivalent courses, the foregoing to be assessed by the Admissions Board.

2. Eligible for admission to the **MSc Business Administration** programme are holders of one of the following diplomas of the RUG:
 - a) BSc Business Administration.
 - b) BSc Econometrics and Operations Research.
 - c) BSc Economics and Business Economics.
 - d) BSc International Business.

Holders of a BSc diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission to a MSc Business Administration specialization after rounding off the Pre-MSc programme for that specialization.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for that specialization, the foregoing to be assessed by the Admissions Board.

3. Eligible for admission to the **MSc Econometrics, Operations Research and Actuarial Studies** programme are holders of the BSc diploma Econometrics and Operations Research of the RUG.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-MSc programme. For students who cannot be directly admitted to the MSc EORAS, Admission Committee of the master programmes can, at the student's request, determine an individual Pre-MSc programme. Article 2.7.3. is applicable, on the understanding that at the same time as the individual programme the progress requirement after 1 year is set.

4. Eligible for admission to the **MSc Economics** programme are holders of one of the following diplomas of the RUG:

- a) BSc Economics and Business Economics.
- b) BSc Econometrics and Operations Research.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-MSc programme. For students who cannot be directly admitted to the MSc Economics, Admission Committee of the master programmes can, at the student's request, determine an individual Pre-MSc programme. Article 2.7.3. is applicable, on the understanding that at the same time as the individual programme the progress requirement after 1 year is set.

5. Eligible for admission to the **MSc Finance** programme are holders of one of the following diplomas of the RUG:

- a) BSc Economics and Business Economics.
- b) BSc Econometrics and Operations Research.

Holders of a diploma mentioned under a or b are eligible for admission, provided they have passed the courses Intermediate Asset Pricing (EBB084A05) and Corporate Finance for E&BE (EBB079A05).

Holders of the following diplomas of the RUG:

- c) BSc Business Administration.
- d) BSc International Business.

Holders of a diploma mentioned under c or d are eligible for admission, provided they rounded off successfully the minor Finance.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc Finance.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc Finance, the foregoing to be assessed by the Admissions Board.

6. Eligible for admission to the **MSc Human Resource Management** programme are holders of one of the following diplomas of the RUG:

- a) BSc Business Administration.
- b) BSc Economics and Business Economics.
- c) BSc International Business.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc Human Resource Management. Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc Human Resource Management, the foregoing to be assessed by the Admissions Board.

7. Eligible for admission to the **MSc International Business and Management** programme are holders of one of the following diplomas of the RUG:

- a) BSc Business Administration.
- b) BSc Econometrics and Operations Research.
- c) BSc Economics and Business Economics.
- d) BSc International Business.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc International Business and Management.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc International Business and Management, the foregoing to be assessed by the Admissions Board.

8. Eligible for admission to the **MSc International Economics and Business** programme are holders of one of the following diplomas of the RUG:

- a) BSc Business Administration.
- b) BSc Econometrics and Operations Research.
- c) BSc Economics and Business Economics.
- d) BSc International Business.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc International Economics and Business.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc International Economics and Business, the foregoing to be assessed by the Admissions Board.

9. Eligible for admission to the **MSc International Financial Management** programme are holders of one of the following diplomas of the RUG:

- a) BSc Business Administration.
- b) BSc Economics and Business Economics.
- c) BSc International Business.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc International Financial Management.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc International Financial Management, the foregoing to be assessed by the Admissions Board.

10. Eligible for admission to the **MSc Marketing** programme are holders of one of the following diplomas of the RUG:
- BSc Business Administration.
 - BSc Econometrics and Operations Research.
 - BSc Economics and Business Economics.
 - BSc International Business.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc Marketing.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc Marketing, the foregoing to be assessed by the Admissions Board.

11. Eligible for admission to the **MSc Supply Chain Management** programme are holders of one of the following diplomas of the RUG:
- BSc Business Administration.
 - BSc Econometrics and Operations Research.
 - BSc Economics and Business Economics.
 - BSc International Business.
 - BSc Industrial Engineering.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc Supply Chain Management.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc Supply Chain Management, the foregoing to be assessed by the Admissions Board.

12. Eligible for admission to the **MSc Technology and Operations Management** programme are holders of one of the following diplomas of the RUG:
- BSc Business Administration.
 - BSc Econometrics and Operations Research.
 - BSc Economics and Business Economics.
 - BSc International Business.
 - BSc Industrial Engineering.

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme for the MSc Technology and Operations Management.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme for the MSc Technology and Operations Management, the foregoing to be assessed by the Admissions Board.

13. Eligible for admission to the **Research Master in Economics and Business (research)** programme are holders of one of the following diplomas of the RUG:
- BSc Business Administration.
 - BSc Econometrics and Operations Research.
 - BSc Economics and Business Economics.
 - BSc International Business.
 - BSc Psychology.

f) BSc Sociology.

A further selection will be held by the Admissions Board based on the following requirements:

- sufficient knowledge of the English language as evidenced by an internationally recognised exam or otherwise.
- a high level of knowledge relevant to the sciences of the programme to be assessed by the Admissions Board.
- an appropriate attitude, motivation and talent to take the programme, to be assessed by the Admissions Board.

14. Eligible for admission to the **Executive Master of Accountancy** programme are holders of the diploma MSc Accountancy and Controlling, profile Accountancy of the RUG, who are admitted to the MSc A&C based on either a diploma BSc Business Administration, profile A&C of the RUG, or based on a Pre-MSc programme for HBO-AC or for HBO-BE.

15. Eligible for admission to the **Executive Master of Finance and Control** programme are:

a) holders of an MSc diploma of a Dutch university with knowledge at an intermediate level of the following subjects: Management accounting, Financial accounting/Financial Reporting, and knowledge at an introductory level of the following subjects: Internal Control, Finance/Financial Management, Law and Tax.

b) holders of the title Register Accountant.

Holders of a diploma c.q. title mentioned under a or b are eligible, provided they have worked in a financial administrative position or as a consultant in the domain of the programme for at least two years.

16. Eligible for admission to the **two-years Master in Teaching Economics and Business Studies** programme are holders of the following RUG diplomas:

a) BSc Econometrics and Operations Research.

b) BSc Economics and Business Economics.

Also eligible for admission are holders of one of the following RUG diplomas:

c) BSc Business Administration.

d) BSc International Business.

e) BSc Industrial Engineering & Management.

Holders of a diploma mentioned under c, d or e are eligible for admission only after they have rounded off a(n) (additional) course Algemene Economie voor de Lerarenopleiding (10 EC, EBB077A10).¹⁶

Holders of a bachelor diploma of an accredited programme with a study load of 240 ECs of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-MSc programme Algemene Economie voor de Lerarenopleiding and a Pre-MSc for one of the following master programmes: MSc Econometrics, Operations Research and Actuarial Studies, MSc Economics, MSc International Economics and Business, MSc Accountancy and Controlling, MSc Business Administration, MSc Finance, MSc International Business and Management, MSc International Financial Management, MSc Marketing, MSc Supply Chain Management, MSc Technology and Operations Management.

Holders of a BSc diploma of an accredited programme with a study load of 180 ECs of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-MSc programme Algemene Economie voor de Lerarenopleiding and/or a Pre-MSc for one of the following master programmes: MSc Econometrics,

¹⁶ From 1 September 2018 the minor Algemene Economie voor de Lerarenopleiding (30 EC) shall be the substitute entry requirement for holders of the bachelor's diploma Business Administration, International Business or Industrial Engineering.

Operations Research and Actuarial Studies, MSc Economics, MSc International Economics and Business, MSc Accountancy and Controlling, MSc Business Administration, MSc Finance, MSc International Business and Management, MSc International Financial Management, MSc Marketing, MSc Supply Chain Management, MSc Technology and Operations Management, the foregoing to be assessed by the Admissions Board.

17. Eligible for admission to the **one-year Masters in Teaching Economics and Management and Organization** programme are holders of the following RUG diplomas:

- a) MSc Econometrics, Operations Research and Actuarial Studies.
- b) MSc Economics.
- c) MSc Economics of Taxation.
- d) MSc International Economics and Business.

Also eligible for admission are holders of one of the following RUG diplomas:

- e) MSc Accountancy and Controlling.
- f) MSc Business Administration.
- g) MSc Finance.
- h) MSc International Business and Management.
- i) MSc International Financial Management.
- j) MSc Marketing.
- k) MSc Supply Chain Management.
- l) MSc Technology and Operations Management.

Holders of a diploma mentioned under e to l are eligible for admission, only after they have rounded off a(n) (additional) course Algemene Economie voor de Lerarenopleiding (10 EC, EBB077A10), in case they have a deficiency in that field, to be assessed by the Admissions Board.¹⁷

Article 2.3 Language requirement

1. 'Sufficient command of the English language' is an additional entry requirement for the English-language master programmes, 'sufficient command of the Dutch language' is an additional entry requirement for the Dutch-language master programmes.
2. If the student has been enrolled on the basis of a foreign certificate or degree, the Admissions Board may require him –before registration for a Dutch-language Master's degree– to pass a Dutch language test to be administered by an agency stipulated by the Board of Examiners.
3. The Dutch language proficiency requirement will be met by passing the national examination Dutch as a Foreign Language (NT2).
4. A student is considered to have fulfilled the admission requirement of "sufficient command of English" for the English-language MSc degrees at the Faculty of Economics and Business on condition he fulfils one of the following requirements:
 - a) competence of English as native speaker;
 - b) competence of English at a level equivalent to one of the following test scores:
 - an internet-based (iBT) TOEFL score of 90, or
 - a computer-based (CBT) TOEFL score of 237, or
 - a paper-based (PBT) TOEFL score of 580, or
 - an IELTS score of 6.5, or

¹⁷ From 1 September 2018 the minor Algemene Economie voor de Lerarenopleiding (30 EC) shall be the substitute entry requirement for holders of the master's diploma Accountancy and Controlling, Business Administration, Finance, International Business and Management, International Financial Management, Marketing, Supply Chain Management or Technology and Operations Management, if they have a deficiency in that field, to be assessed by the Admissions Board.

- level A, B, C on a Cambridge Proficiency or Cambridge Advanced certificate, or
 - level B2+ (also referred to as B2.2¹⁸) on the written and oral parts of the English entrance exam, or
 - a level, equivalent to those mentioned above, at the discretion of the admission committee.
- c) a completed and passed English-language BSc degree at the Faculty of Economics and Business.

Article 2.4 Admissions Boards

1. The Admissions Board decides on behalf of the Faculty Board in matters concerning admission to the degree programme.
2. The Admissions Board of the Research Master in Economics and Business (research) programme is composed of the Directors of the research programmes at the SOM Research Institute supplemented by the Director of Graduate Studies.
3. The Faculty Board appoints the members of the Admissions Board for the Executive Master of Accountancy (EMA) and the Executive Master of Finance and Control (EMFC) programmes.
4. The Admissions Board of the other programmes is composed of the joint Programme Directors. The director of education of the faculty is both an advisory member and secretary.
5. The Faculty Board will set out the admissions procedure.

Article 2.5 Admission: criteria

1. Taking into consideration the admissions procedures for the individual degree programmes, the Admissions Board shall assess the knowledge and skills of the candidate. In addition to written proof of qualification, the Board may ask experts from in or outside the University to test particular areas of knowledge and skills.
2. With regard to admission to the Research Master in Economics and Business (research), the Admissions Board will also examine the attitude, motivation and talent of the candidate.
3. Bearing in mind the admissions procedure for a degree programme profile, the Admissions Board will examine whether a candidate has satisfied or will satisfy the relevant requirements in good time. The Board will take into account the motivation and ambition of the candidate to complete the relevant degree programme, as well as the proficiency level of the candidate in the language of instruction of the profile.

Article 2.6 Admission: times

1. The admissions procedure takes place in the six months prior to the start of the programme.
2. Students with a certificate certified by a Dutch institution who register for a degree programme or degree programme profile must submit a request for admission to the degree programme or profile to the Admissions Board, when starting in the first semester, by 1 June, or, when starting in the second semester, by 1 November.
3. Students with a foreign certificate who register via the online application system

18 Specification of Level B2+ / B2.2:
Speaking: The student is able to provide clear, detailed descriptions and presentations, placing appropriate emphasis on main points and relevant supporting details.
Writing: The student is able to write an essay or report, building up a line of reasoning in a systematic way and placing appropriate emphasis on main points and relevant supporting details. In addition, he is able to formulate different ideas or solutions to a problem.

for a degree programme or degree programme profile must submit a request for admission to the degree programme or profile to the Admissions Board, when starting in the first semester, by 1 May, or, when starting in the second semester, by 1 November.

4. Notwithstanding the provisions of Article 2.6.2 and Article 2.6.3, students who wish to be admitted to the Research Master in Economics and Business (research) must submit a request for admission before 1 May.
5. In cases of extraordinary circumstances, the Admissions Board may decide to process an application received after the deadline.
6. The Admissions Board will take its decision after receipt of the complete registration package and within four weeks after the deadline for registration. Admission is granted on condition that the candidate satisfies the requirements by the starting date of the degree programme in question, as demonstrated by documentary proof submitted by the candidate. The written admission statement will include information for the student about the possibility of an appeal to the Board of Appeal for Examinations.
7. Notwithstanding the provisions of Article 2.6.6, the Admissions Board will decide on admissions to the Research Master in Economics and Business (research) before 1 July.
8. All applications for the Executive Master in Finance and Control must comprise a curriculum vitae, copies of any certificates, and the related lists of subjects, as well as confirmation from the current employer that the candidate works in a controlling position or will be doing so shortly.

Article 2.7 Admission to the degree programmes

1. A student who wishes to register for a programme will be admitted, provided he, in the opinion of the Admissions Board complies with the requirements, as formulated in Article 2.2.
2. The Admissions Board may grant admission to the Master's degree programmes to holders of a Dutch or foreign Bachelor's or Master's degree of equivalent level and learning outcomes as the degree programmes listed in Article 2.2. If the Admissions Board, after investigation of the qualifications of a student with a Bachelor's or Master's degree, finds gaps in the knowledge and skills of the candidate, it may set additional conditions for the candidate in order to overcome these deficiencies.
3. The Admissions Board is responsible for assessing whether students without a Bachelor's degree are admissible on the basis of sufficient knowledge, understanding and skills at the level of a Bachelor's degree.
4. Admission within the meaning of Article 2.7.1 and Article 2.7.2 grants the student the right to register for the Master's degree programme.

Article 2.8 Provisional admission to the Executive Master of Accountancy

1. Students who are currently rounding off the Master's degree programme in Accountancy and Controlling, profile Accountancy of the RUG will be provisionally admitted to the Executive Master in Accountancy on condition that, on 1 September no more than one course needs to be completed.
2. Provisional admission is valid until 1 December at the latest. Students on the Executive Master of Accountancy degree programme who do not complete all the courses of the Master's degree in Accountancy and Controlling by 1 December must leave the EMA programme and their enrolment will be terminated.

Article 2.9 Required level of knowledge

1. Participation in courses and examinations of courses of the master programmes is only open to students who were registered as a student of one of the degree programmes from the start of the courses concerned.
2. Further to the provisions of Article 2.2, admission to individual courses of the degree programmes may be subject to extra conditions. An overview of the relevant courses and the related entry requirements is included as Appendix 19.

Section 3 Structure of the degree programmes

Article 3.1 Types of degree programme

1. The following master's degree programmes are full-time programmes:
 - a) MSc Accountancy and Controlling (A&C).
 - b) MSc Business Administration (BA).
 - c) MSc Econometrics, Operations Research and Actuarial Studies (EORAS).
 - d) MSc Economics.
 - e) MSc Finance.
 - f) MSc Economics of Taxation (FE).
 - g) MSc Human Resource Management (HRM).
 - h) MSc International Business and Management (IB&M).
 - i) MSc International Economics and Business (IE&B).
 - j) MSc International Financial Management (IFM).
 - k) MSc Marketing.
 - l) MSc Supply Chain Management (SCM).
 - m) MSc Technology and Operations Management (TOM).
 - n) Research Master in Economics and Business (research) (ReMa E&B).
2. The following degree programmes are available as dual programmes:
 - a) Executive Master of Accountancy (EMA).
 - b) Executive Master of Finance and Control (EMFC).
 - c) MSc Teaching Economics and Business Studies.
 - d) MSc Teaching Economic.
 - e) MSc Teaching Business Economics.

Article 3.2 Profiles

The degree programmes have the following profiles:

Master's degree programme	Profiles
Accountancy and Controlling	Accountancy
	Controlling
Business Administration	Change Management
	Organizational and Management Control
	Small Business and Entrepreneurship
	Strategic Innovation Management
Econometrics, Operations Research and Actuarial Studies	Econometrics
	Operations Research
	Actuarial Studies
Economics	
Finance	
Economics of Taxation	
Human Resource Management	
International Business and Management	
International Economics and Business	
International Financial Management	

Marketing	Marketing Intelligence
	Marketing Management
Supply Chain Management	
Technology and Operations Management	
Research Master in Economics and Business (research)	Business Analytics & Econometrics
	Business Research
	Economics
Executive Master of Accountancy	
Executive Master of Finance and Control	
Teaching Economics and Business Studies	
Teaching Economics	
Teaching Management and Organization	

Article 3.3 Language of instruction

1. The teaching, the examinations and the final assessment of the following degree programmes will in principle be in Dutch:
 - a) MSc Economics of Taxation.
 - b) Executive Master of Accountancy (EMA).
 - c) Executive Master of Finance and Control (EMFC).
 - d) The parts of the MSc Teaching Economics and Business Studies programme organized by ULO.
 - e) Teaching Economics.
 - f) Teaching Management and Organization.

Exceptions to this rule will be indicated in the internet database Ocasys.
2. All other degree programmes will be taught in English and all examinations and final assessments will also be in English.
3. In English-taught degree programmes, within the framework of a graduation internship, a student may request the permission of the Board of Examiners to write the thesis in another language than English.

Article 3.4 Study load

1. The Research Master's degree programme in Economics and Business (research) and the Teaching Economics and Business Studies programme have a study load of 120 ECs.
2. The Executive Master of Accountancy and the Executive Master of Finance and Control have a study load of 70 ECs.
3. All other Master's degree programmes to which this OER applies have a student study load of 60 ECs.
4. Concerning the programme of study:
 - a) the programme of study for students who wish to graduate in two separate RUG master programmes or profiles must comprise at least 90 ECs.
 - b) if the double Master's degree programme comprises the Research Master's degree programme in Economics and Business (research), the maximum permitted overlap is 30 ECs relating to courses and 10 ECs relating to the master's theses. In this case, students are exempted from the course Learning and Practising Research (EBM878B10).
 - c) the Board of Examiners decides on a regular Master course's eligibility as an elective in the Research Master.

5. Students who wish to graduate in two separate RUG master programmes, including the Research Master's degree programme in Economics and Business (research), must meet all the requirements of the other Master's degree first before they can round off the Research Master in Economics and Business (research).
6. Students who wish to graduate in two separate RUG master programmes, including the Research Master's degree programme in Economics and Business (research), have to comply with the requirements of each master and submit two Master's theses.
7. Study load is expressed in whole ECs.

Article 3.5 Participation in courses

1. Students may participate in courses of the degree programme if they register in time via <https://progresswww.nl/rug/>
2. Registration for more than 20 ECs per block is only possible with the permission of the programme of registration.
3. The deadlines for registration in courses are mentioned in the Student Handbook.
4. Timely registration is necessary to be assured of participation in the courses.
5. If the number of registrations exceeds capacity the Faculty Board may decide to restrict participation in a course. This restriction only applies to students for whom the course in question is not a compulsory part of the curriculum.
6. The Faculty Board may decide to apply selection methods for some courses. This selection method, in the form of an application procedure, will be carried out by or on behalf of the Faculty Board.

Section 4 Contents of the degree programmes

Article 4.1 Composition of the degree programmes

1. The courses in the Master's degree programme in Accountancy and Controlling are listed in Appendix 2 of this OER.
2. The courses in the Master's degree programme in Business Administration are listed in Appendix 3 of this OER.
3. The courses in the Master's degree programme in Econometrics, Operations Research and Actuarial Studies are listed in Appendix 4 of this OER.
4. The courses in the Master's degree programme in Economics are listed in Appendix 5 of this OER.
5. The courses in the Master's degree programme in Finance are listed in Appendix 6 of this OER.
6. The manner in which the Master's degree programme Economics of Taxation (being phased out) can be rounded off is recorded in the substitution regulation, see Appendix 20.4 of this OER.
7. The courses in the Master's degree programme in Human Resource Management are listed in Appendix 8 of this OER.
8. The courses in the Master's degree programme in International Business and Management are listed in Appendix 9 of this OER.
9. The courses in the Master's degree programme in International Economics and Business are listed in Appendix 10 of this OER.
10. The courses in the Master's degree programme in International Financial Management are listed in Appendix 11 of this OER.
11. The courses in the Master's degree programme in Marketing are listed in Appendix 12 of this OER.
12. The courses in the Master's degree programme in Supply Chain Management are listed in Appendix 13 of this OER.
13. The courses in the Master's degree programme in Technology and Operations Management are listed in Appendix 14 of this OER.
14. The courses in the Master's degree programme in Research Master in Economics and Business (research) are listed in Appendix 15 of this OER.
15. The courses in the Executive Master of Accountancy are listed in Appendix 16.
16. The courses in the Executive Master of Finance and Control are listed in Appendix 17.
17. The courses in the Master's degree programme in Teaching Economics and Business Studies are listed in Appendix 23 of this OER.
18. The courses in the Master's degree programme in Teaching Economics and the Master's degree programme in Teaching Management and Organization are listed in Appendix 24 of this OER.
19. The University's digital course catalogue Ocasys sets out the learning goals, content and teaching methods of the courses of the various degree programmes in more detail, including the level of prior knowledge preferred, or in some cases compulsory, to take the course in question.

Article 4.2 Practical assignments

The courses for which practical assignments must be completed in order to qualify for the examination can be found in Appendix 18.

Article 4.3 Electives and replacement of courses

1. The Board of Examiners, following a substantiated request by a student, may grant permission to
 - a) replace a course in the examination programme with another course offered by the University of Groningen or another university in the Netherlands or abroad that dovetails well with the degree programme, or
 - b) to use one or more courses followed at the University of Groningen or another university in the Netherlands or abroad as electives in the degree programme.
2. When assessing a request as referred to in Article 4.3.1, the Board of Examiners will always evaluate the coherence of the set of courses (or parts thereof) and the level of the courses followed.

Article 4.4 Open Degree Programme

1. Within the programme a student can choose an Open Degree Programme: a programme that is unlike any other specified degree programme. To take an Open Degree Programme and to sit its examination the student will need prior approval by the Board of Examiners.
2. An application for the approval of an Open Degree Programme must be accompanied by a letter of motivation by the student, explaining, for instance, how this programme satisfies the learning objectives of the programme.

Article 4.5 Focus areas in the master programmes

1. In the FEB master programmes students can aim on certain focus areas. A student who wishes to opt for a note on the diploma supplement when he completes his master programme, must satisfy certain conditions. FEB has focus areas within one master programme and focus areas within all FEB master programmes.
2. Within the master programme MSc Economics there is a focus area "Microeconomics: Markets and Incentives". The following conditions in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed the MSc Economics programme with at least the courses Competition Policy - Theory and Practice (EBM100A05), Economics of Regulating Markets (EBM148A05), Microeconomics of Household Behaviour (EBM106A05) and Public Economics and Social Policy (EBM108A05), and
 - b) the master thesis must relate to a "Microeconomics" subject, and
 - c) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of Board of Examiners) and his thesis has been found to be suitable in respect of a note regarding the focus area on the diploma supplement.
3. Within the master programme MSc Economics there is a focus area "Macroeconomic Theory and Policy". The following conditions in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed the MSc Economics programme with at least the courses Economic Growth in History (EBM101A05), Empirical Macroeconomics (EBM102A05), Monetary Policy and Financial Regulation (EBM107A05), Public Economics and Social Policy (EBM108A05) and Money, Finance and the Economy (EBM164A05), and
 - b) the master thesis must relate to a "Macroeconomics" subject, and
 - c) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners) and his thesis has been found to be suitable in respect of a note regarding the focus area on the diploma supplement.

4. Within the master programme MSc International Economics and Business (IE&B) there is a focus area “Globalization, Growth and Development”. The following conditions in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed the MSc IE&B programme with at least the courses from the electives A list of the MSc IE&B: Growth and Development Policies (EBM095A05), Trade, Environment and Growth (EBM097A05), Economic Geography (EBM094A05) and Country Studies (EBM093A05), and
 - b) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners).
5. Within the master programme MSc International Economics and Business there is a focus area “International Capital and Globalization”. The following conditions in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed the MSc IE&B programme with at least the courses from the electives A list of the MSc IE&B: International Banking and Finance (EBM096A05), Global Finance and Growth (EBM150A05) and Country Studies (EBM093A05), and
 - b) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners).
6. Focus area “Energy” is not linked to one particular FEB master programme. The following conditions related to focus area “Energy” in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed a FEB master programme, and
 - b) two out of the four courses Energy & Finance (EBM166A05), Energy Transition & Innovation (EBM167A05), Economics of Regulating Markets (EBM148A05) and Marketing and Consumer Wellbeing (EBM192A05) must have been completed successfully (curriculair or extra curriculair), and
 - c) the master thesis must relate to an “Energy” subject, and
 - d) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners), and his thesis has been found to be suitable in respect of a note regarding the focus area on the diploma supplement.
7. Focus area “Healthcare Management” is not linked to one particular FEB master programme. The following conditions related to focus area “Healthcare Management” in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed a FEB master programme, and
 - b) two out of the four courses Healthcare Operations (EBM034A05), Innovation in Healthcare Organizations (EBM047A05), Healthcare Purchasing (EBM193A05), and Marketing and Consumer Wellbeing (EBM192A05) must have been completed successfully (curriculair or extra curriculair), and
 - c) the master thesis must relate to a “Health Management” subject, and
 - d) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners), and his thesis has been found to be suitable in respect of a note regarding the focus area on the diploma supplement.
8. Focus area “Health Economics” is not linked to one particular FEB master programme. The following conditions related to focus area “Health Economics” in order to obtain a note on the diploma supplement must be satisfied:
 - a) the student has completed a FEB master programme, and
 - b) two out of the three courses Financial and Economic Organization of Healthcare Markets (EBM194A05), Economic Evaluation in Healthcare (EBM196A05)

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- and Health Economics & Policy (EBM195A05) must have been completed successfully (curriculair or extra curriculair), and
- c) the master thesis must relate to a “Health Economy” subject or a “Health Economics” subject, and
 - d) his master programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 15 of the Rules and Regulations of the Board of Examiners), and his thesis has been found to be suitable in respect of a note regarding the focus area on the diploma supplement.

Section 5 Other specializations

Article 5.1 Master Honours programme

1. The Faculty participates in the University of Groningen Master Honours programme. This Master's Honours programme is not a part of the regular master's curriculum.
2. Students admitted to the one of the Master's degree programmes of the Faculty can take the Master Honours programme, if they are selected by the Dean of the University of Groningen Honours College. The selection procedure for the Honours programme can be found in the Teaching and Examination Regulations of the University of Groningen Honours College.
3. The total study load of the Master's Honours programme is 15 ECs.
4. The Master Honours Programme is subject to the Teaching and Examination Regulations of the University of Groningen Honours College.
5. The results of the Master's Honours programme are recorded on the Diploma Supplement of the Master's degree certificate.

Article 5.2 Double Degree Programmes

1. The Faculty offers the Double Degree Master programmes as listed in Article 1.1.6, in collaboration with foreign partner universities.
2. A completed Double Degree Master programme gives entitlement to a master diploma of both participating institutes.
3. Substance and scope of the Double Degree Master programmes can be found in Appendix 22.

Section 6 Examinations of the degree programmes

Article 6.1 General

1. Each course is assessed by means of an examination.
2. The examination assesses students' academic development and mastery of the learning outcomes of the course.
3. The results of an examination are given as pass or fail, in numbers on a scale of 1 to 10, expressed as 6 or more for a pass and 5 or less for a fail.

Article 6.2 Participation in examinations

1. A student who registers for a course unit in the degree programme in accordance with Article 3.5 of the OER is automatically registered for the examination for that course unit.
2. Notwithstanding the provisions of Article 6.2.1, students can register and deregister for examinations during certain periods to be further defined.

Article 6.3 Examination frequency and periods

1. Students will be given the opportunity to sit examinations twice per academic year for the courses of the programmes.
2. Students may sit an examination for a course that is no longer part of the curriculum twice in the year after it has been removed from the curriculum.
3. The examination periods will be published in the Student Handbook. Partial examinations may be set outside the stated periods.
4. Contrary to the provisions of Article 6.3.1, Article 6.3.2 and Article 6.3.3 examinations for courses of the Master's degree programme Research Master in Economics and Business (research) may be sat during or directly after the end of the course. If a resit is required, this will be announced in good time.
5. Some parts of practicals may only be offered once in an academic year and can therefore only be examined once.

Article 6.4 Form of examinations

1. Examinations will be taken in the manner stated in Ocasys.
2. At a student's request, the Board of Examiners may allow an examination to be taken in a form different from that stipulated above.
3. Mock versions of each examination will be made available to practice.

Article 6.5 Compulsory order of examinations

1. Participation in examinations for the Executive Master of Accountancy is subject to the regulations set out in Appendix 16 of this OER.
2. Participation in examinations for the Executive Master of Finance and Control is subject to the regulations set out in Appendix 17 of this OER. In 2017-2018 there are no special regulations for the EMFC.
3. Second-year courses in the Research Master in Economics and Business (research) programme may only be taken once the requirements set by the degree programme have been satisfied.
4. To be eligible for supervision and assessment of the Master's thesis of any of the degree programmes, students must have met the following requirements:
 - a) they must have been admitted to the degree programme.

- b) they must have successfully completed at least 20 ECs worth of Master's courses.
- c) their Master's study programme must have been approved by the Board of Examiners.

Contrary to the provision of Article 6.5.4b, students of the Accountancy and Controlling programme must have obtained at least 10 ECs of programme specific units.

Contrary to the provisions of Article 6.5.4b, students of the Research Master in Economics and Business (research) must have successfully completed at least 40 ECs in courses, including the courses Learning and Practising Research (EBM878B10), and Philosophy of Science and Research Meth. (EBM185A05). Exceptions may be granted by the Board of Examiners in the interest of study progress.

- 5. Students of the Executive Master of Finance and Control must have successfully completed all other courses before they may participate in the oral defence of their final-year thesis.

Article 6.6 The Master's Thesis

- 1. Two opportunities per year are offered for writing the master's thesis.
- 2. The period or periods for writing the master's thesis are published in the Student Handbook.
- 3. No exemptions are granted for theses based on a thesis written for a different degree programme or a different profile.
- 4. The Master's thesis will be assessed by the supervisor and a co-assessor. One of them is a qualified examiner and will sign the assessment form.
- 5. If, at the end of the period referred to under Article 6.6.2 the Master's Thesis cannot be assessed as being sufficient by the supervisor one opportunity will be given, in a period to be determined by the organization, to achieve a 6 by means of an extra reparation assignment.
- 6. Further regulations on form, substance, time frame and assessment of the master's thesis are included in the Regulations for Theses and Pre-MSc Research Papers. These Regulations are part of these Teaching and Examination Regulations.
- 7. The thesis will be kept on file by the Faculty Board for a period of at least 7 years.

Article 6.7 Oral examinations

- 1. Unless the Board of Examiners decides otherwise, an oral examination may only be taken by one student at a time.
- 2. Oral examinations are public, unless the Board of Examiners or the examiner stipulates otherwise or the student objects to the public nature of the examination, but in all cases on condition that the Board of Examiners has given its approval.
- 3. Oral examinations in the Executive Master of Accountancy may be attended by an external expert.

Article 6.8 Examination provisions in special circumstances

- 1. If not granting a student an individual examination provision would lead to an 'exceptional instance of unfairness of overriding nature', the Board of Examiners may decide to grant such a provision contrary to the stipulations of Article 6.3.
- 2. Requests for individual examination provisions, including documentary evidence, must be submitted to the Board of Examiners without fail.

Article 6.9 Examinations and functional impairment

1. Students with a functional impairment will be given the opportunity to take examinations in a form that will accommodate their individual impairment as far as is possible. If necessary, the Board of Examiners will seek expert advice from the student counsellor of the Student Service Centre (SSC) before making a decision.
2. With regard to examinations for courses taken at other degree programmes by students with a functional impairment, contrary to the provisions of Article 1.1.4, the Board of Examiners of the degree programme that sets the examination shall comply with the facilities permitted by the Board of Examiners of the degree programme for which the student has registered.

Article 6.10 Assessment

1. The results of an examination or assessment are given in whole numbers. Only the results of partial examinations may be rounded off to a tenth.
2. A mark of at least a 6 is considered a pass result.
3. The whole marks given as assessment of an examination have the following meaning:
 1. highly inadequate
 2. inadequate
 3. highly insufficient
 4. insufficient
 5. almost sufficient
 6. sufficient
 7. amply sufficient
 8. good
 9. very good
 10. excellent
4. An examination for which an exemption has been granted is deemed to have been assessed with the mark 6.
5. For more regulations concerning assignments that are part of the exam, see the Regulations for Grading Assignments and Partial Examinations.

Article 6.11 Exemptions

1. Notwithstanding Article 6.6.3, at the student's request, the Board of Examiners, having discussed the matter with the programme director/coordinator in question, may grant exemption from an examination on condition that the student either:
 - a) has completed part of a university or higher vocational degree that is equivalent in content and level, or
 - b) can demonstrate by work experience or otherwise that he has sufficient knowledge and skills in respect of the course in question.
2. Once a student has taken an examination for a course, both an exemption granted earlier no longer applies and the opportunity to request an exemption shall be denied.

Article 6.12 Marking of examinations and publication of grades

1. After an oral examination, the examiner will grade the examination immediately and if requested will provide the student with a pass sheet.
2. The examiner will mark a written examination and provide the Student

Administration Office with the necessary details for written confirmation of the result to be sent to the student. Examination results must be published no later than 10 working days after the date on which the examination was taken. In those cases where an examiner cannot be reasonably expected to comply with the foregoing, the programme director may determine a different period in advance. Participants shall be informed of this prior to the beginning of the examination. Only results published by the Student Administration Office are legally valid.

3. Notwithstanding the period stated in Article 6.12.2, a marking period of 15 working days shall apply to the Executive Master of Finance and Control and 8 weeks to the Executive Master of Accountancy.
4. If an examination is taken in a form other than oral or written, the Board of Examiners will determine in advance how and within which period the student will receive the results.
5. When the results of an exam are published the students is reminded of his right of inspection, as stipulated in Article 6.14.1, as well as of the possibility of an appeal to the Board of Appeal for Examinations.

Article 6.13 Validity

1. Examinations that have been passed remain valid indefinitely.
2. Contrary to the provisions of Article 6.13.1, examinations that have been passed in the Executive Master of Accountancy, and the Executive Master of Finance and Control shall remain valid for 6 years, on condition that the programme has not been fully completed, calculated from the the examination date recorded on the exam notification.
3. Contrary to the provisions of Article 6.13.1, the Board of Examiners may decide to require a student to take a supplementary or substitute examination for a course passed more than 3 years previously before allowing that student to proceed to the final assessment, only if the student's knowledge is demonstrably outdated.
4. In the event of extraordinary personal circumstances the validity term will be extended for the period during which the student in question is receiving support from the Graduation Fund.
5. In the event of extraordinary circumstances, a student may submit a request to the Board of Examiners to extend the validity of examinations covered by Article 6.13.2 for a maximum of 6 months.

Article 6.14 Right of inspection

1. The student will be given a period of 6 weeks after the day on which the results of a written examination have been published to exercise his right of inspection of his corrected work. Also on request and during the same period, he will be provided with a copy of the work at cost price.
2. Within the time frame stipulated in Article 6.14.1, the student who has taken the exam may request that he be allowed to peruse the questions or assignments of the examination concerned and the assessment criteria.
3. The examiner(s) of the examination in question will stipulate the place, date and time for this inspection or perusal. The Board of Examiners may formulate guidelines for this purpose.
4. This inspection and perusal may be organized for all students at the same time.

Article 6.15 Board of Examiners

1. The Board of Examiners is the independent body that determines whether individual students have the knowledge, understanding and skills required to be

- awarded the degree.
2. The Faculty Board appoints the members of the Board of Examiners on the basis of their expertise in the field of the degree programmes.
 3. The Board of Examiners must comprise:
 - a) at least one member who is employed as a lecturer in one of the degree programmes, and
 - b) at least one member who is not employed as a lecturer in one of the degree programmes.
 4. Members of the Board or others who have financial responsibilities in the institution may not be appointed as members to the Board of Examiners.
 5. The Board of Examiners will appoint examiners to set examinations and to determine the results or to assess Master's theses. Examiners can only be selected from among the teaching staff of the degree programme and outside experts. The examiners shall supply the Board of Examiners with information requested.
 6. As and when required, the Board of Examiners may appoint other lecturers to set and assess examinations for a particular course or to assess Master's theses.
 7. The Board of Examiners approves the Rules and Regulations of the Board of Examiners.

Article 6.16 Fraud and plagiarism

1. Fraud is an act or omission by a student designed to partly or wholly hinder the forming of a correct assessment of his or her own or someone else's knowledge, understanding and skills.
2. Fraud also includes plagiarism, which means copying someone else's work without correct reference to the source.
3. If a student commits fraud, the Board of Examiners may exclude that student from participation in one or more examinations or final assessments for a maximum of one year.
4. In the event of very serious fraud, the Board of Examiners may propose to the Board of the University that the student's registration be definitively terminated.
5. The Board of Examiners will set out its course of action in the event of fraud in the Rules and Regulations of the Board of Examiners.

Article 6.17 Invalid examination

In the event of irregularities with regard to an examination that are so serious that an accurate assessment of the examinee's knowledge, understanding and skills cannot be made, the Board of Examiners may declare the examination of part thereof invalid for either an individual examinee or a group of examinees.

Article 6.18 Termination of registration (Iudicium abeundi)

1. In extraordinary cases of reprehensible behaviour and/or statements made by a student, the Board of the University may, on the recommendation of the Board of Examiners or the Faculty Board, terminate a student's registration.
2. The Board of the University shall not make a decision within the meaning of Article 6.18.1 until after the student in question has been given an opportunity to put his side of the case forward, and after the interests of the student and the institution have been carefully assessed and it has become reasonable to assume that the student's behaviour and/or statements prove him to be unsuitable for one or more of the professions for which he is being trained in the degree programme, or for the practical preparation for the profession.
3. In such cases the Faculty Board, the Board of Examiners and the Board of the

University will follow the Protocol Iudicium Abeundi [protocol for termination of registration] as approved by the Nederlandse Federatie van Universitaire Medische Centra [Netherlands Federation of University Medical Centres] on 1 November 2010.

Article 6.19 Assessment plan

For every programme there is an assessment plan that has been determined by the Faculty Board, comprising the following topics:

- a) the learning outcomes of the degree programme.
- b) the courses of the degree programme and the specific learning outcomes of each course.
- c) the interrelationship between courses and learning outcomes.
- d) the assessment method to be used and the test periods for each course.
- e) the test method and structure and assessment procedures and assessment criteria used.
- f) the person or persons responsible for the implementation of the various components of the assessment policy.
- g) the method of regular evaluation.

Section 7 The final assessment of the degree programmes

Article 7.1 Final assessment

1. Each of the degree programmes is rounded off with a final assessment.
2. The final assessment for the Master's degree can only take place after approval of the student's study programme by the relevant Board of Examiners. The Board will determine regulations for the assessment of the study programmes. If the student exceeds the relevant deadlines of these regulations, the Board of Examiners may postpone his or her graduation date. This date may then be in the academic year following the year in which the last examination was passed.
3. The Board of Examiners determines the result of the final assessment as soon as the student has passed all the required examinations, thus having acquired the required academic training, and to that end the Board issues a certificate.
4. Before the outcome of the final assessment can be determined, the Board of Examiners may itself decide to test a student's skills, knowledge and understanding of one or more courses or aspects of the programme, if and in as much as the marks for these courses provide a reason for doing so.
5. The student is deemed to have passed the final assessment of the Master's degree programme if he has obtained a pass (a mark of 6 or higher) for each examination.
6. In determining the result of the final assessment, the Board of Examiners also commits itself to a speedy processing of the degree certificate ceremony.
7. If a student wishes to postpone the date of graduation due to extra examinations that still need to be taken, he must submit a request to this end to the Board of Examiners in good time.
8. The graduation date is the date on which the final assessment is marked as a pass, as determined by the Board of Examiners in accordance with the provisions of Article 7.1.3.
9. All assignments submitted for the final assessment as referred to in Article 7.1.1, will be kept on file by the Faculty Board for a period of at least 7 years after the graduation day.

Article 7.2 Degree

1. A student who has satisfied all the requirements of the final assessment shall be awarded the degree 'Master of Science'.
2. The degree awarded shall be registered on the degree certificate.

Article 7.3 Conditions for awarding a University of Groningen degree

1. A Master's degree can only be awarded if at least half of the courses of the degree programme were taken at the University of Groningen, during the student's period of registration as a student at the University of Groningen.
2. For Double Degree Master's degree programmes offered together with an institution abroad, at least half of the programme must have been followed at the University of Groningen, during the student's period of registration as a student at the University of Groningen.

Article 7.4 Degree certificate

1. Students shall receive a certificate issued by the Board of Examiners as proof that they have passed the final examination. Article 7.3 is applicable.
2. If a student successfully completes more than one profile within a degree

- programme, he will nevertheless will receive one degree certificate only.
3. The Board of Examiners will issue an International Diploma Supplement with each degree certificate.
 4. If relevant, the results obtained in the Master's Honours Programme will also be recorded on the Diploma Supplement that accompanies the Master's degree certificate.
 5. If a student earns at least 20 ECs more than is required for the degree programme, whether as a thesis with an increased study load, or in the form of relevant Master's level courses, at the request of the student the Board of Examiners may permit an entry on the diploma supplement that indicates that the student completed a programme with an increased study load.

Article 7.5 *Judicia cum laude and summa cum laude*

1. The Board of Examiners shall determine whether or not the Master's degree certificate will be awarded a *judicium* predicate.
2. The following conditions apply:
 - a) The mark for the thesis must satisfy the following minimum conditions:
 - *cum laude*: the mark for the thesis must be at least 8.0.
 - *summa cum laude*: the mark for the thesis must be at least 9.0.
 - b) The weighted average (not rounded off) for all courses, excluding the thesis, of the examination programme approved by the Board of Examiners is
 - greater than or equal to 8.0 for '*cum laude*'.
 - greater than or equal to 9.0 for '*summa cum laude*'.
3. No *judicium* predicate is awarded if the study load of the exemptions in ECs is more than half the total number of ECs for the degree programme.
4. The *judicium* predicate is awarded on condition that the examinations for the courses were taken only once.
5. The *judicium* predicate may only be awarded if no single course was awarded a mark less than 7.0.
6. The results and grades of the Master's Honours programme are excluded from the award of the *judicium*.
7. No *judicium* are awarded if a decision by the Board of Examiners has been taken to the effect that a student is no longer eligible for an honours predicate because fraud/plagiarism has been found.
8. In certain circumstances, the Board of Examiners may depart from the provisions set out in Article 7.5.2, Article 7.5.3, Article 7.5.4, Article 7.5.5.

Section 8 Study progress supervision

Article 8.1 Study progress administration

1. The Faculty registers the individual results of students.
2. The Faculty will provide each student with an overview of these results at least twice a year at his request.
3. The Teacher Education Department (ULO) of the Faculty of Behavioural and Social Sciences of the RUG is responsible for the registration of the individual results of students, insofar as it concerns the teacher training courses provided by the Teacher Education Department.
4. In respect of the Double Degree Programmes it is the joint responsibility of the Faculty and the partner universities to exchange obtained results.

Article 8.2 Supervision

1. The Faculty will ensure that the student has sufficient supervision for the duration of the degree programme, and will pay particular attention to possible changes deemed necessary to ensure the chosen curriculum is compatible either with conducting academic research or exercising a profession outside the university. This responsibility is delegated to the SOM research school for the degree programme Research Master in Economics and Business (research).
2. The Teacher Education Department of the Faculty of Behavioural and Social Sciences of the RUG is responsible for the introduction and study counselling of students registered with the Teacher Education Department, also for the purpose of their study progress and orientation on possible courses both inside and outside the programme, insofar as it concerns teacher training courses offered by the Teacher Education Department.

Article 8.3 Research Master in Economics and Business (research) study advice

1. Results of students on the degree programme Research Master in Economics and Business (research) are evaluated by the Board of Examiners every six months.
2. In the event of insufficient results, a student may be advised to switch to one of the other Master's degree programmes offered by the Faculty of Economics and Business.

Section 9 Transitional and final provisions

Article 9.1 Amendments

1. Any amendments to these Regulations will, following a recommendation by and/or upon the approval of after due consultation with the Programme Committee and in consultation with – and where necessary upon the approval of – the Faculty Council, be confirmed by the Faculty Board in a separate decree.
2. Any amendments to these Regulations will not apply to the current academic year, unless it may reasonably be assumed that the amendment will not harm the interests of students.
3. In addition, amendments may not influence to the detriment of students any decision taken as a consequence of these Regulations concerning an individual student.

Article 9.2 Status of the English version of the OER

In case of divergencies of interpretation between the Dutch language and English language versions of the Teaching and Examination Regulations the Dutch version shall prevail.

Article 9.3 Evaluation

The Faculty Board will ensure that the OER is regularly evaluated, assessing at least – for the purpose of monitoring and if necessary adapting the student workload – the amount of time students need to complete their duties as set out therein.

Article 9.4 Publication

1. The Faculty Board shall duly publish this OER, any rules and guidelines formulated by the Board of Examiners, and any amendments to these documents.
2. Copies of the documents referred to in Article 9.3.1 are available from the FEB Education Office. These documents can also be found on the website of the Faculty.

Article 9.5 Date of commencement

These regulations shall take effect on 1 September 2017.
Approved by the Faculty Council, 16 June 2017.
As decreed by the Faculty Board on 4 July 2017.

Appendix 1 Objectives and learning outcomes of the degree programmes

Appendix 1.1 MSc Accountancy and Controlling

The aim of the MSc degree programme in Accountancy & Controlling is to equip students with a specialist academic knowledge and understanding of Accountancy. The MSc programme in Accountancy & Controlling focuses on the reliability of the information used to manage organizations and to report on their policies and policy implementation to (internal and external) stakeholders. The reliability of information depends on its accuracy, its completeness and whether it is communicated on time. The MSc programme has two specializations, Accountancy and Controlling respectively. The Accountancy specialization is concerned with organizations' external stakeholders and is subject to national and international financial accounting regulations. It prepares students for the follow-up postgraduate programme in Accountancy, which enables students to qualify as Chartered Accountant or Certified Public Accountant. The Controlling specialization is concerned with organizations' internal stakeholders, in particular its management. This specialization prepares students for the postgraduate programme in Controlling, which enables students to qualify as Chartered Controller.

Specifically, the aim of the MSc programme in Accountancy & Controlling is to provide students with an in-depth specialist knowledge of Accountancy or Controlling: in the case of Accountancy in the areas of Auditing, Internal Control, Corporate Governance and Financial Accounting, and in the case of Controlling in the areas of Management Accounting, Internal Control and Finance. Both specializations look at organizations' strategic problems in depth. In addition, students learn how to analyse and diagnose complex practical problems and to put forward and implement solutions, both individually and as part of a team. They also learn how to take an integrated approach to complex practical problems and supervise change processes. Lastly, attention is devoted to acting from an independent and impartial attitude.

A Subject-specific learning outcomes

The MSc A&C graduates, Accountancy profile, have an in-depth specialist academic knowledge and understanding of the following area:

- A.1 Auditing.
- A.2 Internal Control.
- A.3 Corporate Governance.
- A.4 Financial Accounting.

The MSc A&C graduates, Accountancy profile, are also able to use their knowledge and understanding of these areas to solve complex problems in practice.

The MSc A&C graduates, Controlling profile, have an in-depth specialist academic knowledge and understanding of the following area:

- A.5 Management Accounting.
- A.6 Internal Control.
- A.7 Finance.

The MSc A&C graduates, Controlling profile, are also able to use their knowledge and understanding of these areas to solve complex problems in practice. The MSc A&C graduates:

- A.8 have an in-depth specialist knowledge and understanding of the area of Strategy

- and Organization and are able to use this to solve complex problems in practice;
- A.9 have a knowledge and understanding of change processes in organizations and are able to use it to supervise changes.
- A.10 are familiar with the systems and techniques used in Accountancy and Controlling and are able to implement them in organizations.

B Academic learning outcomes

The MSc A&C graduates of both profiles are:

- B.1 able to gauge critically the value of academic information (academic theories, academic arguments, et cetera) within the framework of Accountancy or Controlling.
- B.2 able to distinguish between important and secondary issues and collect, analyse, interpret and synthesize relevant data so as to form an opinion of a practical problem, develop an argument, design a suitable solution, give advice and/or supervise a change process.
- B.3 able to apply academic methods and techniques and information and analysis techniques at the right time and in the right context and design and conduct research independently.
- B.4 able to identify and gauge the value of academic developments in the field of Accountancy & Controlling and related areas.
- B.5 able to set specific Accountancy or Controlling issues in the context of the organization and the profession. They are also able to understand financial information in relation to broad company policy and translate it into problems in areas of Business Science.
- B.6 able to analyse and diagnose organizations' strategic problems and to put forward and implement solutions.
- B.7 aware of the need for an independent and impartial attitude and able to reflect from a social and ethical point of view on academic ideas, the way organizations function financially and possible solutions to problems in the field of Accountancy or Controlling.
- B.8 able to independently find and adjust theory, both within and outside the Accountancy & Controlling-domain, tailor-made to practical problems they are working on. Subsequently, they are able to apply these theories in a fruitful manner.

C Social and communication learning outcomes

The MSc A&C graduates of both profiles:

- C.1 have social and communication skills enabling them to formulate relevant information in a logical, convincing and clear manner, both verbally and in writing and for an audience of both fellow professionals and non-experts.
- C.2 are able to work not only independently but also as part of a team, in a solution-oriented and systematic manner, and to lead a team professionally.
- C.3 are able to reflect critically on their own and other people's work and where necessary make adjustments and provide feedback.

D Study skills and professional orientation

The MSc A&C graduates have:

- D.1 the learning and study skills required to reflect on their personal learning processes (thinking and working) and to make adjustments to these processes.
- D.2 self-understanding and an understanding of the career prospects and the opportunities for broadening and/or deepening their knowledge enabling them

to make a reasoned choice between the Accountancy or Controlling follow-up programmes and of a career.

Appendix 1.2 MSc Business Administration

The MSc degree programme Business Administration is focused on the definition, analysis and evaluation of real and complex managerial problems and on the design of possible solutions in one of the following areas of Business Administration: Change Management (CM), Organizational & Management Control (O&MC), Small Business & Entrepreneurship (SB&E) and Strategic Innovation Management (SIM).

Graduates will have conceptual academic knowledge in one of these profiles. They will also have research skills that are crucial to management's ability to analyse business environments. They have academic, social and communicative skills to operate in the context of a professional business.

Graduates of the profile Change Management will have academic knowledge in change processes, including the impact that change may have on individual, group or (inter) organizational levels. This includes knowledge on change strategies and intervention tools. Graduates CM are also able to apply tools to manage change effectively. Graduates of the Change Management profile can develop in many directions, for example through consultancy projects. They can also start work as a management trainee, internal consultant, policy consultant or member of a project team in profit as well as non-profit organizations.

Graduates of the profile Organizational & Management Control will have academic knowledge on how managers can use systems to control their organization to ensure that the behaviors and decisions of the people in an organization are consistent with the organizations' objectives and strategies. Graduates O&MC understand how the process of effective management control system can be designed (for instance budgeting systems and performance management systems), taking into account a number of contingencies such as characteristics of activities, the external business environment and the culture of the organization. Important topics are (financial) information gathering and decision-making in a dynamic organizational context. Graduates will fulfill positions such as assistant manager, management trainee, policy officer, assistant controller, financial manager, organization consultant and researcher.

Graduates of the profile Small Business & Entrepreneurship will have academic knowledge on the specific characteristics of smaller companies and new ventures and the major role that small and entrepreneurial companies play in modern economies. Graduates SB&E will have a profound understanding of theories on small business strategy, management, economics, and entrepreneurship. Future job opportunities are e.g. all-round business administrator for SMEs, independent entrepreneur, organization advisor for SMEs or employee of an organization that concentrates on SMEs, e.g. banks, accountancy offices or government bodies.

Graduates of the profile Strategic Innovation Management have academic knowledge on the strategic management of innovation within companies and between companies. They have a profound understanding of how to stimulate innovation, how to organise the firm internally for innovation; how and with whom the firm should cooperate to maximise innovation; and how to capture value from innovation. Graduates SIM find jobs as business developers and innovation managers, working with innovation within the firm; as strategic consultants, advising the firm on their innovation processes; as bankers, evaluating firms and their innovations; and as policy advisors, working on

stimulating innovation at the regional, national, and international levels. In order to achieve this aim, the programme is designed to provide general and specific learning outcomes.

A Subject-specific learning outcomes

The MSc BA graduates:

- A.1 have advanced academic knowledge and understanding of the most important theories, models and frameworks in the specialist field.
- A.2 are able to apply these theories, models and frameworks to analyse complex managerial situations.
- A.3 are able to reflect critically on the use of theories to understand management practice.
- A.4 are able to assess and explain the scientific contribution of publications in the specialist field.
- A.5 are able to interpret interrelationships and can draw links between the results of academic and nonacademic publications, and relevant (international) developments.

B Academic learning outcomes

The MSc BA graduates are able to:

- B.1 recognise and analyse a problem in the specialist field.
- B.2 find relevant literature on a theme, and are able to critically review academic publications in terms of theories used, research methodologies used, technical analyses and implications.
- B.3 draw strong theoretical linkages between academic publications in order to synthesize research and identify how their research can make a contribution to the literature.
- B.4 make a research design of a complex problem in the specialist field and employ specific research methods.
- B.5 collect quantitative or qualitative data using appropriate data collection methods.
- B.6 analyse and interpret data to provide relevant managerial and theoretical implications, and identify research limitations in the specialist field.
- B.7 reflect upon the practical relevance of scientific methods and techniques in the specialist field.

C Social and communication learning outcomes

The MSc BA graduates:

- C.1 have professional communication and English language skills to logically, clearly and carefully express their own activities, assumptions, opinions, solutions and decisions both to non-professionals as to fellow professionals in the same or different fields.
- C.2 have a professional attitude and are able to work solution focused, systematic and methodically accurate in a professional environment.
- C.3 are able to reflect critically on their own and other peoples' work, paying attention to both logical coherence and economical relevance, and are able to adjust and give feedback or corrections if necessary.
- C.4 are able to answer questions and to defend work.

D Study skills and professional orientation

The MSc BA graduates:

- D.1 have the necessary skills to reflect critically on their own learning process, professional skills and attitude.
- D.2 are aware of the characteristics and requirements of the profession and the employment opportunities, and are able to make the appropriate career choices after graduation.
- D.3 are intrinsically motivated to learn and study the interesting, complex and continuously developing specialist field in a self-directed or autonomous manner.
- D.4 are able to prioritise, plan and manage time and work effectively.
- D.5 are able to identify and reflect on ethical dilemmas within the specialist field.

Appendix 1.3 MSc Econometrics, Operations Research and Actuarial Studies

The aim of the MSc programme Econometrics, Operations Research and Actuarial Studies (EORAS) is to graduate students able to apply mathematical models on an advanced academic level to the field of economics and business. More specifically, MSc EORAS graduates are able to analyse economic problems through a combination of mathematics, economics and statistics using appropriate software. They have a research-oriented attitude, and knowledge of the most important models used. They are able to transform the outcomes of the models in relevant results for the application field. MSc EORAS graduates are able to develop mathematical models for real life, complicated situations. Hence, instead of over-simplifying or adjusting the real-life problem in order to allow for the use of known tools, models or theories (BSc level), the MSc EORAS graduates are able to apply modern methods and techniques and develop mathematical or statistical tools when appropriate.

Profile Econometrics is especially concerned with the interpretation of observed (economic) data based on econometric analysis. Economic problems are analysed using data sets in order to find or verify relations or assess the effect of interventions, either for simulation or forecasting, or for policy decisions. Modern econometrics is applied to both macro and microeconomics, and also in other fields like financial economics or marketing.

Profile Operations Research is especially concerned with decision problems on e.g. logistics and finance, like vehicle routing, time schedules for railway systems, supply management, production planning, service planning, queuing, investment, portfolio management or asset liability management. Both deterministic and stochastic models are used.

Profile Actuarial Studies is especially concerned with topics related to pricing and management of insurance: life insurance, risk insurance and reinsurance. Insurance is closely related to investment strategies, supervision, social security, negotiations between employers and employees on pensions, et cetera.

Electives are offered in the field of industrial organisation, in applied statistics, quantitative finance and financial econometrics. In addition students can partake in suitable modules from other FEB master programmes, from the LNMB (Dutch Network on the Mathematics of Operations Research), the Actuarial Institute or from master programmes elsewhere, e.g. Actuarial Sciences of the University of Amsterdam.

In this master degree programme, students will be prepared for a wide variety of careers in business, industry, and government. A large percentage obtains a job in the financial services, but MSc EORAS graduates also find employment in e.g. (service) logistics, consultancy or government agencies such as Statistics Netherlands. Alternatively, MSc EORAS graduates may continue their studies as a PhD candidate (mostly after following a one-year Research Master programme, obtaining a second MSc title).

A Subject-specific learning outcomes

The MSc EORAS graduates:

- A.1 have solid academic knowledge and understanding of recent theories, methods, models and techniques in at least three subfields of their specialization.
- A.2 are able to read the up to date international literature in their field, to apply knowledge and understanding when analyzing non-routine practical problems and are able to contribute to the advancement of knowledge in a professional environment.
- A.3 are able to read the up to date international literature in at least three additional subfields from either the chosen or another specialization.
- A.4 meet the same standards on at least two additional subfields from mathematics, economics or business, including the specializations from the programme.
- A.5 are able to use at least one programming environment and have knowledge of relevant computer applications in their field. They are able to use these as required for functioning in a professional environment.
- A.6 have the ability to interpret the interrelationship of the knowledge areas and can draw links between the results concerning the knowledge area found in international scientific and subject-specific publications and relevant social developments.
- A.7 have insight in the theory and notions of economics and/or business, in particular those parts suited for a modelling approach in their field. They are capable to form an opinion on the practical relevance of the used mathematical models and are able to critically assess the application of theories and models.
- A.8 have a thorough knowledge of parts of mathematics and statistics, especially those parts that are important for modelling in their field. The level is appropriate for a creative use of mathematical and statistical methods for research.

B Academic learning outcomes

Within their field the MSc EORAS graduates are able to:

- B.1 independently formulate a problem definition, employ specific research and analysis methods and plan and conduct research.
- B.2 translate a practical problem into questions in terms of a mathematical model, to collect relevant quantitative data and to translate the outcomes of a mathematical model into answers for the original practical problem.
- B.3 apply scientific methods and techniques in mathematics, economics, statistics and software within the correct context.
- B.4 communicate in both written and oral forms in English meeting academic standards.
- B.5 continue their studies at an advanced level.
- B.6 reflect on scientific theories, economic or societal phenomena and on the functioning of organisations from an ethical viewpoint.
- B.7 independently conduct research on real-life non-routine problems.
- B.8 have an investigative and critical attitude towards the possibilities and

limitations of scientific content and development of the knowledge area and are able to take a stand in a debate.

Furthermore, the MSc EORAS graduates are:

B.9 acquainted with the important sources of literature in their field.

C Social and communication learning outcomes

The MSc EORAS graduates:

- C.1 have social communication skills to logically, clearly and convincingly express his own activities, assumptions, opinions, solutions and decisions in the main specialization both orally and in written form in English, both to non-professionals as well as to fellow professionals in the same or different field (like economists, mathematicians, managers, scientists, technicians).
- C.2 are able to reflect critically on their own and other peoples work, paying attention to both logical coherence and practical relevance and are able to adjust and give feedback or corrections if necessary.

D Study skills and professional orientation

The MSc EORAS graduates:

- D.1 have the necessary learning and study skills to be able to reflect on their own learning process and professional skills and attitude and are able to act on that.
- D.2 have self-insight, awareness of the characteristics of the profession and employment opportunities and are able to make the right choice for continuation after graduation.

Appendix 1.4 MSc Economics

The aim of the Master's degree programme in Economics is to equip students with knowledge and understanding of economic theory at a high analytical level and to familiarize them with the application of theory and research methods to economic policy and practice. MSc Economics graduates will have in-depth knowledge of contemporary economic theories in core fields of the economics discipline and will be able to apply these theories to practical economic problems and policies. Graduates of the programme will also be able to independently conduct economic research. Such a combination of rigorous academic thinking with practical experience and analytical skills is essential for any profession in economic policy and/or research. Students of the Master's degree programme will receive an academic training for positions in which they contribute as an economist to decision-making in (inter)national government bodies, public organizations, and private corporations, such as financial institutions, multinationals and consultancy firms.

In order to achieve these objectives the Master's programme gives students specific intended learning outcomes or qualifications.

A Subject-specific learning outcomes

To classify the economic literature the Journal of Economic Literature uses the JEL Classification System (website American Economic Association: www.AEAweb.org, JEL classification code guide). Since this system is widely accepted within the economics discipline, it will be used to define the knowledge areas and related learning outcomes of the degree programme below.

The MSc Economics graduates have:

- A.1 advanced academic knowledge and understanding of the following main areas in economics: Microeconomics, Industrial Organisation (JEL-codes D, L).
- A.2 advanced academic knowledge and understanding of the following main areas in economics: Macroeconomics, Monetary Economics (JEL-code E).
- A.3 advanced academic knowledge and understanding of the following main areas in economics: Mathematical Methods and Quantitative Methods (JEL-code C).

The MSc Economics graduates have advanced academic knowledge and understanding of one or more of the following sub-fields in economics:

- A.4 Public Economics, Law and Economics (JEL-codes H, K).
- A.5 Economic History and Economic Development, Technological Change, and Economic Growth (JEL-codes N, O).
- A.6 Econometrics, Operations Research, Actuarial Sciences, Finance or International Economics and Business (JEL-code C, F, G).

The MSc Economics graduates are able to understand contemporary international literature in the above-mentioned areas, to apply academic knowledge and economic modelling techniques when analysing new or undefined economic situations, and to deliver original contributions in an academic as well as a professional environment.

The MSc Economics graduates:

- A.7 have the ability to interpret the interrelationships of the knowledge areas and can draw links between the results of the knowledge areas found in international academic and subject-specific publications, and relevant (inter)national developments.
- A.8 are able to apply the most important theoretical insights in the field to the analysis of concrete but complex economic questions and thus take the first steps towards non-routine research.

B Academic learning outcomes

Within the fields of Economics the MSc graduates are able to:

- B.1 formulate a critical assessment of the interrelationships between theoretical concepts, research methodologies and empirical findings in international academic publications.
- B.2 independently formulate a problem definition, apply specific research and analysis methods and plan and conduct research.
- B.3 collect quantitative and qualitative data, analyse, interpret and synthesize this data, create an argument, develop a solution, solve problems and/or give theory and evidence-based advice.
- B.4 apply scientific methods and techniques in economics, mathematics, statistics and applied informatics within the appropriate context.
- B.5 contribute independently to the body of applied knowledge within the Economics domain.

Furthermore, the MSc Economics graduates:

- B.6 have an investigative and critical attitude towards the potential and limitations of the economics discipline, and science in general, to address social questions and developments and are able to take up a position from an ethical viewpoint.
- B.7 know the most important sources of international literature and keeps track of relevant (academic) international publications in their field of study; maintains

their knowledge at an adequate level.

C Social and communication learning outcomes

The MSc Economics graduates:

- C.1 have social communication and English language skills (in reading, writing, presenting and discussing) to logically, clearly and convincingly express their own activities, assumptions, opinions, solutions and decisions both to non-professionals and fellow professionals.
- C.2 have a professional attitude and are able to work toward a solution, systematically and accurately, and are able to take the initiative, listen, discuss and plan, in a professional environment.
- C.3 are able to reflect critically on their own and other people's work, paying attention to both the logical coherence and the economic relevance and are able to adjust and give constructive feedback or corrections if necessary.

D Study skills and professional orientation

The MSc Economics graduates have:

- D.1 the necessary skills to reflect on their own learning process, professional skills and attitude.
- D.2 self-insight, awareness of the characteristics of the profession and employment opportunities and are able to make the right choice for continuation after graduation.
- D.3 an active attitude towards continuous learning.

Appendix 1.5 MSc Finance

Graduates of the MSc degree programme Finance will have knowledge, understanding and skills required to define, analyze and evaluate real and complex financial problems on both a societal level and the level of companies and institutions, and to design solutions for these problems. Graduates of the MSc programme Finance will have advanced academic knowledge of finance theory and research methods in finance. More specifically, they will have advanced knowledge in a selected number of specific sub-fields in finance, such as derivative instruments, corporate finance, corporate valuation, responsible finance and investment, banking and insurance, portfolio theory, institutional investment management, corporate governance, behavioral finance, and finance and development.

Graduates of the MSc programme Finance will have both academic and professional skills. With respect to academic skills, the programme focuses on collecting and analyzing data, planning and designing a research project, and academic writing. Examples of professional skills are computer model building for business decisions, presenting in public, identifying and analyzing problems, and working in teams. Graduates of the MSc degree programme Finance are trained for positions in which they contribute as a specialist in finance to decision-making in private (multinational) companies and financial institutions, consultancy firms, (international) institutional organizations such as the IMF, World Bank, ECB, et cetera, and governmental institutions. The curriculum of the programme offers several options to develop a specific labor market orientation. By selecting specific sets of courses, students may develop one of four labor market profiles, i.e. corporate finance, investing, banking and finance and development.

A Subject-specific learning outcomes

The MSc Finance graduates:

- A.1 have advanced academic knowledge and understanding of recent finance theories and models.
- A.2 have advanced academic knowledge and understanding of research methods in finance and are able to apply these methods to real and complex financial problems.
- A.3 are able to interpret interrelationships of sub-fields in finance and can draw links between the results of sub-fields in finance found in academic and subject-specific publications on the one hand and relevant (inter)national financial developments on the other hand.

The MSc Finance graduates are able to understand contemporary international literature in finance, to apply academic knowledge when analyzing new or unknown financial problems, and to deliver original contributions in an academic as well as a professional environment

B Academic learning outcomes

The MSc Finance graduates are able to:

- B.1 recognise and analyse a finance related problem.
- B.2 do a literature search and make a critical assessment of theoretical concepts, research methodologies and empirical findings in international academic publications.
- B.3 independently formulate a problem definition, select appropriate research and analysis methods and plan and conduct research.
- B.4 collect quantitative and/or qualitative data, analyse, interpret and synthesize these data, create an argument, develop a solution, solve problems and give theory and evidence-based advice.
- B.5 apply research methods in finance within the appropriate context.
- B.6 contribute independently to the body of applied knowledge within the finance domain.

Furthermore, the MSc Finance graduates have:

- B.7 an investigative and critical attitude towards the potential and limitations of research in the finance discipline.

C Social and communication learning outcomes

The MSc Finance graduates:

- C.1 have social communication and English language skills (in reading, writing, presenting and discussing) to logically, clearly and convincingly express his/her own activities, assumptions, opinions, solutions and decisions both to non-professionals and fellow professionals.
- C.2 have a professional attitude and are able to work toward a solution, systematically and accurately, and are able to take the initiative, listen, discuss and plan, in a professional environment.
- C.3 are able to reflect critically on their own and other people's work, paying attention to both the logical coherence and the economic relevance and are able to adjust to constructive feedback or corrections if necessary.

D Study skills and professional orientation

The MSc Finance graduates are able to:

- D.1 prioritise, plan and manage time and work effectively.
- D.2 reflect on their learning process and achievements, including strengths and weaknesses.

Appendix 1.6 MSc Economics of Taxation

The aim of the MSc degree programme in Economics of Taxation is to achieve a specialist academic level in the field. It therefore is dealing with specialist knowledge in the area of Tax Law, as well as providing in-depth study of the areas of Finance and Public Finance. It also explicitly considers international and European tax law as well as domestic law and regulations. Furthermore, the programme integrates tax courses and provides an integrated, in-depth, specialist knowledge of the areas concerned. Ample attention is devoted to the tax problems of multinationals and partnerships in the SME sector and their shareholders/owners and employees. Students are required to take a critical approach to finding solutions to these complex problems of tax economics.

In order to realise these goals, the programme is designed to achieve general and specific learning outcomes.

A Subject-specific learning outcomes

MSc Economics of Taxation graduates have an in-depth specialist academic knowledge and understanding of the field of Economics of Taxation, are able to apply these in a new or unfamiliar setting, and are able to make an original contribution to the development of that knowledge and policy development in a professional environment. Their knowledge and understanding are such that they understand the most important theories, methods and techniques in the field of Economics of Taxation and they are able to apply them, and they are able to generate new knowledge and ideas and use them to analyse complex situations and solve complex practical problems in that field. MSc Economics of Taxation graduates are able to envisage the effects that tax law will have on companies' and organizations' behaviour and implement policy in this area.

The MSc Economics of Taxation graduates have an in-depth knowledge and understanding of:

- A.1 the Dutch taxation system, from both a European and an international perspective, and of the importance of the tax regime to company and government policy.
- A.2 the normative effects on the creation/interpretation and enforcement of tax law.

In the sub-field of Business Economics graduates have an in-depth academic knowledge and understanding of the area of:

- A.3 Finance.
- A.4 Accounting and Bookkeeping.

The MSc Economics of Taxation graduates are also able to use their knowledge and understanding of these areas in an integrated manner to solve business economics and tax problems and to formulate advice and policy.

In the sub-field of General Economics MSc Economics of Taxation graduates have an in-depth academic knowledge and understanding of the area of:

- A.5 Macroeconomics.

The MSc Economics of Taxation graduates are also able to use their knowledge and understanding of this area to solve business economics and tax problems and to formulate advice and policy.

In the sub-field of Tax Law MSc Economics of Taxation graduates have an in-depth academic knowledge and understanding of the area of:

- A.6 Domestic Tax Law.
- A.7 International Tax Law.
- A.8 European Tax Law.

MSc Economics of Taxation graduates are also able to use their knowledge and understanding of these areas to solve business economics and tax problems and to formulate tax policy.

B Academic learning outcomes

MSc Economics of Taxation graduates have an in-depth knowledge and understanding of academic methods and possess techniques, academic skills and an academic attitude enabling them to appraise the way complex organizations function in business economics and tax terms as professionals, and to approach and solve complex practical problems in those organizations in an integrated manner. They are able, in situations where the information available is incomplete or limited, to decide what additional information is needed, whether it can be obtained, and if so where, and – if such information cannot be obtained – to form opinions based on incomplete or limited information, taking their social and ethical responsibilities into account. They have an open-minded attitude to various academic disciplines that affect the approach to problems in the field of Economics of Taxation in particular ways and be aware that integrity is required.

The MSc Economics of Taxation graduates are able:

- B.1 to gauge critically the value of domestic and international academic information (theoretical concepts, academic theories, methods and techniques, academic arguments, etc.) within the frameworks of Business Economics and Taxation and apply it in an integrated manner.
- B.2 to distinguish between important and secondary issues, identify the essence of a problem and then independently collect, analyse, interpret and synthesize relevant data and information so as to form an opinion of a practical problem, develop an argument, design a suitable solution and/or formulate a policy proposal.
- B.3 to apply academic methods and techniques and information and analysis techniques at the right time and in the right context and design and conduct routine research independently.
- B.4 keep up with developments in the field of Economics of Taxation and related areas and are able to make an independent contribution to knowledge in at least one specialist area. They are able to make connections between findings in domestic and international academic and trade publications and relevant social trends in the field of Economics of Taxation.
- B.5 to set specific tax economics problems in the context of the organization and the profession.
- B.6 to analyse and diagnose strategic problems in regulations and organizations and to put forward and implement solutions.
- B.7 to act with integrity and reflect from a social and ethical point of view on academic ideas, the way organizations function in terms of tax economics and

possible solutions to tax economics problems.

C Social and communication learning outcomes

The MSc Economics of Taxation graduates have the social and communication skills required to contribute to the good running of complex organizations in terms of tax economics, both independently and as part of a team. They display a professional attitude, applying the appropriate skills (working systematically, meticulousness, working independently, taking the initiative, convincing other people, etc.) effectively.

MSc Economics of Taxation graduates:

- C.1 have social and communication skills enabling them to formulate relevant information in a logical, convincing and clear manner, both verbally and in writing and for an audience of both fellow professionals and non-experts.
- C.2 are able to work independently and as part of a team, meticulously, and in a solution-oriented and systematic manner, and to take the initiative in solving problems and tackling jobs.
- C.3 are able to reflect critically on their own and other people's work and where necessary make adjustments and provide feedback.

D Study skills and professional orientation

The MSc Economics of Taxation graduates possess the skills required to guide their personal learning processes and to reflect on their knowledge and skills and are able to make adjustments to the way they think and work.

MSc Economics of Taxation graduates:

- D. 1 have the learning and study skills required to reflect on their personal learning processes (thinking and working) and to make adjustments to these processes.
- D. 2 have self-understanding and an understanding of the career prospects and the opportunities for broadening and/or deepening their knowledge in the field of Economics of Taxation.
- D. 3 are willing and able to maintain their knowledge and skills at the required level during their careers.

Appendix 1.7 MSc Human Resource Management

The Master of Science in Human Resource Management (HRM) aims to graduate students who are able to define, analyze, and evaluate complex problems related to the management of work and employment of people in organizations. MSc graduates will have acquired rigorous academic thinking and scientific and professional skills to consider and explore how HRM policies and practices can be developed and applied to ensure the availability, employability, commitment, and vitality of employees needed to accomplish organizational goals.

MSc HRM graduates are highly employable and find a broad variety of jobs in HRM-related domains in all kinds of organizations. Some examples of positions are: junior human resource manager, recruitment and selection officer, training and development officer, personnel consultant, organizational advisor, or policy officer for personnel affairs. Besides a professional career, MSc HRM graduates may opt for an academic career and apply for a position as a scientific researcher in a PhD programme at a university.

In order to realise these goals, the programme is designed to achieve general and specific learning outcomes.

A Subject-specific learning outcomes

The MSc Human Resource Management graduates have advanced academic knowledge and understanding of the principal theories, models, and methods of the following areas:

- A.1 Strategic Human Resource Management.
- A.2 Work Design, Team Processes and Leadership.
- A.3 Personnel Instruments.

B Academic learning outcomes

The MSc HRM graduates are proficient in applying their scientific knowledge and understanding of HRM. Specifically, they are able to:

- B.1 apply theoretical insights when defining, analyzing, and evaluating complex questions and issues related to the management of work and employment of people at a relatively advanced level.
- B.2 take a research-driven approach to underpin HRM policies and practices on the best available scientific evidence.
- B.3 select and synthesize theories, models, and methods to define and conceptualize research questions relevant to the HRM field.
- B.4 collect, analyze, and interpret data to draw research-based conclusions and make justifiable recommendations in addressing HRM issues.
- B.5 write, present, defend, and discuss a scientific research report.

C Social and communication learning outcomes

The MSc HRM graduates have the skills and attitude necessary to work and cooperate effectively in a professional, multidisciplinary environment. Specifically, the MSc HRM graduates:

- C.1 have the communication skills to logically, clearly, and convincingly express their own assumptions, analyses, conclusions, decisions, opinions, and activities, both orally and in written form.
- C.2 can reflect critically on their own and other people's knowledge, skills, and abilities and are able to act on that.
- C.3 have the necessary analytical and social skills to cooperate effectively in multidisciplinary teams composed to address comprehensive organizational problems and issues with HRM dimensions.

D Study skills and professional orientation

The MSc HRM graduates:

- D.1 are able to reflect on their own learning process and have the necessary learning attitude and study skills to act on that.
- D.2 have a good insight in the HRM profession and are able to make well-informed career choices after graduation.

Appendix 1.8 International Business and Management

The MSc International Business and Management (IB&M) degree programme is focused on the business and management aspects related to the multinational enterprise.

MSc IB&M graduates will have advanced academic knowledge and understanding of leadership issues within multinational companies, international financial management, advanced international business and comparative institutional approaches. They will also have specific research skills that are crucial to management's ability to analyse new environments and pertinent developments and the necessary social communication

skills to operate in an international context.

The aim of the MSc IB&M degree programme has been translated into the following intended learning outcomes:

A Subject-specific learning outcomes

The MSc IB&M graduates have advanced academic knowledge and understanding of:

- A.1 strategic decision-making and organizational structure in the international competitive environment.
- A.2 relationships between international activities of firms and the institutional environments of home and host countries.
- A.3 the complexities of operating in different cultural environments at regional, national and sub-national levels.
- A.4 current challenges for firms competing in an international context, for example emerging markets, sustainability, and corporate social responsibility.

Furthermore, the MSc IB&M graduates are able to apply knowledge and understanding of these areas when analysing new, complex problems in an international business and management context.

B Academic learning outcomes

Within the area of International Business and Management the MSc IB&M graduates are able to:

- B.1 formulate a critical assessment of the relationships between theoretical concepts, research methodologies and empirical findings in international scientific publications.
- B.2 independently formulate a problem definition, employ specific research methods and plan and conduct research.
- B.3 collect relevant quantitative and qualitative data, to analyse, interpret and synthesize this data with the purpose to form an opinion, to create an argumentation, to design a solution, to solve problems and/or to give an advice.
- B.4 correctly apply scientific methods and techniques in the field of International Business and Management.

C Social and communication learning outcomes

The MSc IB&M graduates:

- C.1 have professional communication and English language skills (in listening, reading, writing, presenting and discussing) to logically, clearly and carefully express their own activities, assumptions, opinions, solutions and decisions both to non-professionals as to fellow professionals.
- C.2 have a professional attitude and are able to work solution focused, systematic and methodically accurate in a professional environment.
- C.3 are able to reflect critically on their own and other persons work, paying attention to both logical coherence and economical relevance and are able to adjust and give feedback or corrections if necessary.
- C.4 are able to apply this knowledge and skills in the context of an international multidisciplinary work environment and are able to work in an intercultural context and to act professionally, taking into account differences in traditions, norms and habits with regard to the functioning within the international organization.

D Study skills and professional orientation

The MSc IB&M graduates:

- D.1 have the necessary skills to reflect on their own learning process, professional skills and attitude.
- D.2 have self-insight, awareness of the characteristics of the profession and employment opportunities and are able to make the appropriate career choices after graduation.
- D.3 are motivated to continue learning in a manner that is self-directed or autonomous.

Appendix 1.9 MSc International Economics and Business

The MSc-programme in International Economics & Business (IE&B) aims to train students in (strategic) decision-making in national or international corporations and public organizations, such as financial institutions, multinationals, consultancy firms, government bodies and the like. In this respect, the MSc-IE&B has a strong focus on one integrative topic, i.e. Multinational Enterprise in relationship to the World Economy. MSc IE&B graduates will have state-of-the art knowledge of international trade, economic geography, international business strategy, (generalized) transaction cost theory and the theory of business systems and comparative systems. Furthermore, the MSc graduate is able to apply this knowledge in different settings and interpret the interrelationship between the knowledge areas. By analysing (applied) research questions in the field of international economics, development economics, comparative (institutional) analysis and international business strategy, students become qualified to analyze and solve relatively complex (policy) problems in the field. Graduates will also have the necessary social and communication skills to operate in an international context. MSc IE&B graduates will be able to fulfill positions in international oriented firms (banks, multinationals), international organizations (World Bank, IMF), and international oriented departments of government agencies.

In order to achieve these objectives the MSc IE&B programme has been modelled by specific intended learning outcomes or qualifications.

A Subject-specific learning outcomes

The MSc IE&B graduates have advanced academic knowledge and understanding of the following area:

- A.1 International Economic trade, Geography and Policy.
- A.2 International Financial Economics (optional).
- A.3 International Business Strategy.
- A.4 Comparative International Country Studies, Business Systems and Economic development.

Furthermore, the MSc IE&B graduates have:

- A.5 advanced academic knowledge and understanding of quantitative business research methods and Econometrics.

The MSc IE&B graduates are also able to read up-to-date international literature in the above mentioned areas, to apply knowledge and understanding when analysing new or complex problems in an international economics and business context and are able to make solid contributions to the knowledge in a related professional environment.

The MSc IE&B graduates:

- A.6 have the ability to interpret the interrelationships of the knowledge areas and can draw links between the findings in international scientific and subject-specific publications and relevant international developments.
- A.7 are able to apply the most important theoretical insights in the field to the analysis of specific questions in the field of international economics, comparative institutional analysis and international business strategy and thus take the first steps towards academic research at relatively advanced level.

B Academic learning outcomes

Within the area of International Economics and Business the MSc IE&B graduates are able to:

- B.1 formulate a critical assessment of the relationships between theoretical concepts, research methodologies and empirical findings in international scientific publications.
- B.2 independently formulate a problem definition, employ specific research methods and plan and conduct research.
- B.3 collect relevant quantitative and qualitative data, to analyse, interpret and synthesize this data with the purpose to form an opinion, to create an argumentation, to design a solution, to solve problems and/or to give an advice.
- B.4 apply scientific methods and techniques in international economics, international business strategy, comparative institutional analysis, economic development and growth, statistics and applied informatics at the right time and within the correct context.
- B.5 make the first steps to contribute independently to the body of knowledge of the international economics and business domain.

Furthermore, the MSc IE&B graduates:

- B.6 have an investigative and critical attitude towards the possibilities and limitations of the science for social questions and developments and are able to take a standpoint from an ethical viewpoint.
- B.7 know the most important sources of international literature and keep track of relevant (scientific) international publications in their field of study and keep their knowledge at a sufficient level.

C Social and communication learning outcomes

The MSc IE&B graduates:

- C.1 have professional communication and English language skills (in listening, reading, writing, presenting and discussing) to logically, clearly and carefully express their own activities, assumptions, opinions, solutions and decisions both to non-professionals as to fellow professionals.
- C.2 have a professional attitude and are able to work solution focused, systematic and methodically accurate in a professional environment.
- C.3 are able to reflect critically on their own and other peoples work, paying attention to both logical coherence and economical relevance and are able to adjust and give feedback or corrections if necessary.
- C.4 are able to apply this knowledge and skills in the context of an international multidisciplinary work environment and are able to work in an intercultural context and to act professionally, taking into account differences in traditions, norms and habits with regard to the functioning within the international organization.

D Study skills and professional orientation

The MSc IE&B graduates:

- D.1 have the necessary skills to reflect on their own learning process, professional skills and attitude.
- D.2 have self-insight, awareness of the characteristics of the profession and employment opportunities and are able to make the appropriate career choices after graduation.
- D.3 have the ability to tackle the unknown (which is endemic in an international setting) and are able to learn from their own experiences and learning activities.
- D.4 are motivated to continue learning in a manner that is self-directed or autonomous.

Appendix 1.10 MSc International Financial Management

The aim of the MSc degree programme International Financial Management (IFM) is to equip students with knowledge, understanding and skills required to define, analyze and evaluate real and complex international financial management problems on both a societal level as well as on the level of companies and institutions, and to design solutions for these problems. Graduates of the MSc programme IFM will have advanced academic knowledge of theoretical concepts in (international) financial management and will be able to apply research methods enabling them to analyze and solve financial problems multinational companies are faced with. They will have advanced knowledge in a selected number of specific sub-fields in international financial management (e.g. international corporate finance, international risk management, and international management accounting and control). They will also have advanced knowledge in different aspects of the international business and international economic environment in which multinational companies operate.

Graduates of the MSc degree programme International Financial Management will be able to fulfill positions in which they contribute as a specialist in international financial management to decision-making in multinational companies and financial institutions, consultancy firms, multinational public organizations such as the IMF, World Bank, ECB, etc. and governmental institutions.

A Subject-specific learning outcomes

The MSc International Financial Management graduates have advanced academic knowledge and understanding of:

- A.1 recent theories, frameworks and models in international corporate finance;
- A.2 research methods in finance and are able to apply these methods to develop solutions to real and complex financial problems multinational companies and organizations are confronted with.
- A.3 recent theories, models and frameworks in two sub-fields of international financial management, i.e. international management accounting and international risk management.

The MSc IFM graduates are able to understand contemporary international literature in international financial management and related sub-fields, to apply academic knowledge when analyzing new or unknown financial problems, and to deliver original contributions in an academic as well as a professional environment.

B Academic learning outcomes

The MSc IFM graduates are able to:

- B.1 recognise and analyse an international financial management related problem.
- B.2 do a literature search and make a critical assessment of the interrelationships between theoretical concepts, research methodologies and empirical findings in international academic publications.
- B.3 independently formulate a problem definition, apply specific research and analysis methods and plan and conduct research.
- B.4 collect quantitative and qualitative data, analyse, interpret and synthesize this data, create an argument, develop a solution, solve problems and/or give theory and evidence-based advice.
- B.5 apply research methods in finance within the appropriate context.
- B.6 contribute independently to the body of applied knowledge within the international financial management domain.

Furthermore, the MSc graduates have:

- B.7 an investigative and critical attitude towards the potential and limitations of research in the international financial management discipline.

C Social and communication learning outcomes

The MSc IFM graduates:

- C.1 have social communication and English language skills (in reading, writing, presenting and discussing) to logically, clearly and convincingly express their own activities, assumptions, opinions, solutions and decisions both to non-professionals and fellow professionals.
- C.2 have a professional attitude and are able to work toward a solution, systematically and accurately, and are able to take the initiative, listen, discuss and plan, in a professional environment.
- C.3 are able to reflect critically on their own and other people's work, paying attention to both the logical coherence and the economic relevance, and are able to adjust and give constructive feedback or corrections if necessary.

D Study skills and professional orientation

The MSc IFM graduates are able to:

- D.1 prioritise, plan and manage time and work effectively.
- D.2 reflect on their learning process and achievements, including strengths and weaknesses.

Appendix 1.11 MSc Marketing

The aim of the MSc Marketing program is to educate students to become experts in Marketing who can use advanced marketing (research) theories and methods to analyze marketing problems and to come up with sound solutions based on consumer insights. For this, we offer state-of-the-art academic knowledge on marketing management and marketing research with advanced research-based courses. All students gain advanced conceptual knowledge on strategic marketing, marketing research methods and consumer psychology, and specialize in either marketing management or marketing intelligence. By this, MSc Marketing graduates will have profound academic and research skills that are crucial to a marketing manager or researcher to analyze marketing problems, as well as social and professional communicative skills to translate the resulting insights into a sound recommendation for the organization. After fulfilling the program, MSc Marketing graduates are qualified for positions such

as brand- or product manager, category manager, marketing- and customer intelligence analyst, and marketing researchers in/for both the public and private sector.

A Subject-specific learning outcomes

The MSc Marketing graduates have:

- A.1 knowledge of the several basic topics in the field of Marketing, i.e. Strategic Marketing, Marketing Research Methods, and Consumer Psychology.

The MSc Marketing graduates have advanced academic knowledge and understanding on one of the following areas:

- A.2 Marketing Management.
- A.3 Marketing Intelligence.

The MSc Marketing graduates are also able to read up-to-date international literature in the above mentioned areas, to apply knowledge and understanding when analysing new or complex problems in marketing and are able to make solid contributions to the knowledge in a related professional environment.

B Academic learning outcomes

The MSc Marketing graduates are able to:

- B.1 formulate a critical assessment of the relationships between theoretical concepts, research methodologies, and empirical findings in scientific marketing publications.
- B.2 independently formulate, using relevant market and company information, a problem definition based on an extensive analysis of the available information and marketing theory.
- B.3 independently develop theory- and analytically-based solutions for derived marketing problems.
- B.4 collect relevant market and customer data, to analyse, interpret and synthesize this data with the purpose to form an opinion, to create an argumentation, to design a solution, to solve problems, and/or give an advice.
- B.5 display an investigative and critical attitude towards the possibilities and limitations of marketing science for practical marketing questions.
- B.6 take a standpoint on marketing issues from an ethical perspective.

C Social and communication learning outcomes

The MSc Marketing graduates:

- C.1 have professional communication and English language skills (in listening, reading, writing, presenting and discussing) to logically, clearly, and carefully express their activities, assumptions, opinions, solutions and decisions both to non-professionals as to fellow professionals.
- C.2 have a professional attitude and are able to work solution focused, systematic and methodologically accurate in a professional environment.
- C.3 are able to reflect critically on their own and other peoples work, paying attention to both logical coherence and marketing relevance and are able to adjust and give feedback or corrections if necessary.
- C.4 are able to work effectively in teams and to critically assess their contribution to the team's performance necessary.

D Study skills and professional orientation

The MSc Marketing graduates have:

- D.1 the necessary skills to reflect on their own learning process, professional skills and attitude.
- D.2 self-insight, awareness of the characteristics of the profession and employment opportunities and are able to make the appropriate career choices after graduation.

Appendix 1.12 MSc Supply Chain Management

The aim of the Master Supply Chain Management (SCM) is to educate students how to design and coordinate supply chains and to plan and control logistics operations in order to deliver high quality products and services in a fast, efficient, and resilient way. A supply chain can be seen as a chain or network of organisations working together to fulfil customer orders. Supply chain managers contribute to this process by managing the whole supply chain and all operations included that are related to flows of materials, information and services. Logistics has become an important tool in planning and controlling these flows. Effective supply chain management and logistics can provide competitive advantage. Technology and ICT innovations, sustainability issues and market trends, such as increased internet sales, require changes in the management of supply chains.

A student in the academic Master Supply Chain Management will focus on the design, coordination of supply chains and planning, control and improvement of supply chain operations and will learn how to deal with relevant trends. Core aspects include supply chain strategies, logistics, network design, planning and control of operations in production, distribution and service environments, coordination and cooperation strategies, and (continuous) improvement. MSc SCM graduates are able to define, diagnose and analyse supply chain decision problems and propose and evaluate effective solutions and strategies. With a mixture of rigorous academic learning and practical applicability, graduates can develop supply chain theories, models, methods and best practices to increase supply chain quality, flexibility, and reliability and to increase delivery speed and efficiency in the order fulfilment process. MSc SCM graduates will be able to communicate orally and in writing results both to an audience of researchers and managers. Students will be prepared in this master for a career as a supply chain manager of an (international) organization, a logistics, production or purchasing manager in a production, distribution or service environment or as a consultant in the supply chain management practice. Alternatively, you might opt for an academic career and start as an PhD researcher.

A Subject-specific learning outcomes

The MSc Supply Chain Management graduates:

- A.1 have acquired a solid advanced academic knowledge and understanding of the principal theories, models, and methods in strategic supply chain design and management, in integration, coordination and quality control in supply chains, and in logistics and supply chain operations.
- A.2 can analyse and solve complex decision problems at a company level and at a supply chain level.
- A.3 can design supply chain strategies and design models for supply chain logistics;
- A.4 can recognise and review/assess recent scientific developments in the field of Supply Chain Management.
- A.5 can identify pitfalls and benefits of opportunities related to innovations in

technology and ICT, trends, governmental policy and regulations and market changes that impact supply chain decision making.

B Academic learning outcomes

The MSc Supply Chain Management graduates can:

- B.1 formulate a problem definition, select the right literature and methodologies, and come up with a research design and planning for research projects within the field of Supply Chain Management.
- B.2 select information from the literature, theories and models to generate new knowledge and/or to improve supply chain design.
- B.3 critically deal with a lack of information and with uncertainty in the decision making process and they are able to translate this in assumptions and modelling choices.
- B.4 analyse data and/or design a solution approach in the field of Supply Chain Management.
- B.5 draw conclusions, make recommendations, generalise findings and identify limitations on their research in the field of Supply Chain Management.
- B.6 report and defend conclusions and research results both orally and in writing to a broad audience of researchers.

C Social and communication learning outcomes

The MSc Supply Chain Management graduates:

- C.1 can report on conclusions and research results both orally and in writing to a broad audience of supply chain managers.
- C.2 have developed skills and attitude necessary to work and cooperate in a multi-disciplinary team.
- C.3 take ethical aspects and societal context into account in academic and practical projects.

D Study skills and professional orientation

The MSc Supply Chain Management graduates:

- D.1 have developed skills to systematically plan, design and execute projects.
- D.2 have the necessary learning and study skills to be able to reflect on their own learning process and professional skills and attitude and are able to act on that.

Appendix 1.13 MSc Technology and Operations Management

The MSc Technology and Operations Management (TOM) focuses on operations management aspects during the entire life cycle of products and services and on the introduction of technological innovations in organisations. The main focus is on processes that occur within the boundaries of a company, but at times also relations between companies are studied. Within the product life cycle, product design is the first step involved in putting a product in the market. A next step concerns production, which involves many choices relating to the design of processes and facilities, planning and control concepts, inventory management, etc. Once products are produced, they need to be supplied to customers. Here, distribution networks and facilities are used to deliver products to consumers. The final step is the support given to the customer while the product is in use by the customer. This aftermarket service includes warranty, parts and repair service, and product replacement. Operations management aspects in all phases need to be organised in an efficient way to ensure high levels of 'customers' satisfaction and costs efficiency. Technology management enables organisations to create a competitive advantage.

The main programme includes courses operations management and control, operations modelling and simulation, behavioural operations management, asset management, and either data-driven business innovation or facility design and planning. A course on research methods provides knowledge and skills in specific research methods used in the field of technology and operations management, such as design methods and analytical quantitative methods. Next to these core courses, students will create their own profile with two elective courses. They will complete their MSc study with a master's thesis project so as to prove their academic abilities. This last phase of the study offers the opportunity to produce an academic piece of work in the field of technology and operations management and to explore this area in depth. In the thesis, the student will demonstrate and report in a systematic, objective and verifiable way, on the knowledge he has acquired and contributions he made in line with academic research.

Upon completing the Master Technology and Operations Management graduates are able to define, diagnose and analyse operations management problems in technology intensive (service) industries and develop and evaluate solution approaches and technological innovations. Graduates MSc TOM will be able to develop new planning and control concepts to improve processes and can assess product and process innovations in terms of their possible impact on the socio-technical system of the firm. Graduates will be able to communicate results orally and in writing both to an audience of researchers and managers. Students will be prepared in this master for a career as an operations manager in a production, distribution or service environment, as a consultant in the field of innovation and/or technology, a project manager for product and/or process innovations, a product development manager, or a quality manager. Alternatively, graduates might opt for an academic career and start as a PhD student or might opt for the government sector.

A Subject-specific learning outcomes

The MSc Technology and Operations Management graduates:

- A.1 have acquired advanced academic knowledge and understanding of the principal theories, models, and methods in technology management, (behavioural) operations management, operations modelling, asset management, and facility design or data driven business innovation.
- A.2 are able to analyse and solve complex operational and tactical decision problems of organisations.
- A.3 are able to design planning and control concepts to improve processes.
- A.4 can assess the social and organisational impact of process improvement concepts and technological innovations.
- A.5 can analyse, design and apply technological innovations in processes.
- A.6 can critically reflect and assess literature in the field of Technology and Operations Management.

B Academic learning outcomes

The MSc Technology and Operations Management graduates can:

- B.1 formulate a problem definition, select the right literature and methodologies, and come up with a research design and planning for research projects within the field of Technology and Operations Management.
- B.2 select information from the literature, theories and models to generate new knowledge and/or to improve operations in organisations.
- B.3 critically deal with a lack of information and with uncertainty in the decision making process and they are able to translate this in assumptions and modelling

- choices.
- B.4 analyse data and/or design a solution approach in the field of Technology and Operations Management.
 - B.5 draw conclusions, make recommendations, generalise findings and identify limitations on their research in the field of Technology and Operations Management.
 - B.6 report and defend conclusions and research results both orally and in writing to a broad audience of researchers.

C Social and communication learning outcomes

The MSc Technology and Operations Management graduates:

- C.1 can report on conclusions and research results both orally and in writing to a broad audience of practitioners.
- C.2 have developed skills and attitude necessary to work and cooperate in a multi-disciplinary team.
- C.3 take ethical aspects and societal context into account in academic and practical projects.

D Study skills and professional orientation

The MSc Technology and Operations Management graduates:

- D.1 have developed skills to systematically plan, design and execute projects.
- D.2 have the necessary learning and study skills to be able to reflect on their own learning process and professional skills and attitude and are able to act on that.

Appendix 1.14 Research Master in Economics and Business (research)

Research Master graduates are able to set up and conduct innovative academic research in Economics and/or Business. Furthermore they are able to communicate their findings orally and in publishable research papers. They have a profound knowledge and understanding of state-of-the-art theories and methods in their field of specialisation. The programme contains three profiles (specialisations): (1) Business Analytics & Econometrics, (2) Business Research, (3) Economics.

Research Master graduates will often become members of the academic community, either as PhD researchers or as researchers at national or international, public or private research institutes. Upon completion of this two-year programme, graduates receive a Master Degree (MSc). The language of instruction is English. Only a small group of enthusiastic and highly motivated students with an exceptional talent for research is selected for admission to the programme.

A Subject-specific learning outcomes

Research Master graduates have:

- A.1 a broad overview of important contemporary issues in economics and business and a detailed knowledge of important issues in their area of specialisation.
- A.2 advanced knowledge and understanding of theoretical models in economics and business, especially in their area of specialisation.
- A.3 advanced knowledge and understanding of research methodology and methods in economics and business.
- A.4 advanced knowledge and understanding of suitable and feasible research designs and methods of data collection in different types of research as well as expertise and experience in the adequacy, applicability and factual application of such research designs and methods of data collection.

- A.5 comprehensive ability to link research questions to theories of economics and business.
- A.6 comprehensive ability to apply theories and research results in an original way to policy and scientific research issues.
- A.7 comprehensive ability to choose and apply appropriate research methodologies, methods and statistical techniques, and to critically evaluate the resulting research outcomes.

B Academic learning outcomes

Research Master graduates have:

- B.1 comprehensive ability to select, understand and integrate relevant scientific literature, and to evaluate it on the basis of the available information.
- B.2 expertise and experience in the elaboration of a research project, i.e., a clearly formulated research problem that is innovative, while building on the state of the art in a field of economics and business and that is firmly supported by the relevant literature in the field.
- B.3 expertise and experience with the integration of theory and empirical research and experience in the full process of research, including reporting on the research results.
- B.4 comprehensive ability to reflect on social and ethical responsibilities linked to the application of knowledge and judgements, as well as on social and ethical consequences of implications of research results on policy-making and subsequent research.
- B.5 comprehensive ability to integrate theory and quantitative empirical research ('theory-guided empirical research') into a scientific report, which is comparable to the level of a publishable research paper.
- B.6 comprehensive ability to search for information and to retrieve, document and archive data according to general scientific standards.

C Social and communication learning outcomes

Research Master graduates have comprehensive ability to:

- C.1 communicate (orally and in writing) conclusions, and the knowledge and rationale underpinning these, to specialist (e.g., scientists) and non-specialist audiences (e.g., executives, policymakers, journalists) clearly and unambiguously, including the underpinnings as well as limitations of the conclusions.
- C.2 communicate policy implications of scientific research, taking into account the limitations of the information and scientific insight on which the practical recommendations are based.

D Study skills and professional orientation

Research Master graduates have:

- D.1 the ability to reflect on the implications of one's work for the development of theories in economics and business.
- D.2 general work orientation that is required for membership of an international research team, contributing to collective goods, time management, and participation in a research network in one's own research domain.
- D.3 the skills required for further international study in a largely self-directed or autonomous manner.
- D.4 a critical and reflective attitude and analytical and research skills needed to qualify for a PhD programme after graduation, or to function on a professional level in research and policy departments of governmental/non-governmental

organisations and enterprises.

Appendix 1.15 Executive Master of Accountancy

The Executive Master of Accountancy (EMA) is the theoretical part of the RA (Register Accountant) programme.

A Subject-specific learning outcomes:

General:

The Executive Master of Accountancy graduates have in-depth, specialised academic knowledge of and insight in the subject areas of accountancy and is able to apply these in new or unfamiliar circumstances and is able to make an original contribution to the renewal of that knowledge in a professional environment. Knowledge and insight mean that graduated masters understand the most important theories, models and frameworks/parameters and that they can also generate new knowledge and insights and use these when analysing complex (financial) business situations and when solving complex (financial) practical problems.

The Executive Master of Accountancy graduates have -within the field of accountancy-:

- A.1 in-depth, specialised academic knowledge of and insight into Auditing.
- A.2 in-depth, specialised academic knowledge of and insight into Internal Control.
- A.3 in-depth, specialised academic knowledge of and insight into Corporate Governance.
- A.4 in-depth, specialised knowledge of and insight into External Reporting.
- A.5 knowledge of the systems and techniques in accountancy and are able to implement these in projects or organisations.
- A.6 the ability to apply (international) scientific methods & techniques, information and analysis techniques at the right time and in the right context, and to –set up and execute independent academically justified result-driven research to solve practical problems.

B Academic learning outcomes

General:

The Executive Master of Accountancy graduates have in-depth knowledge of and insight into academic methods and techniques and academic skills, and an academic attitude, to the extent that graduates are able to assess the (financial) functioning of organisations in the professional practice, that they are able to approach complex practical problems in organisations in an integrative manner, to solve these and to supervise processes of change. Graduated masters are able on the basis of incomplete or limited information to make assessments while taking into account social and ethical responsibilities. The graduated masters EMA have an open attitude towards various academic disciplines, that from their specific perspective focus on aspects of issues in the domain of accountancy and controlling and are aware of the fact that an independent and impartial attitude is a prerequisite.

The Executive Master of Accountancy graduates are:

- B.1 able to diagnose a practical problem in a scientifically justifiable manner.
- B.2 able, within the parameters of the accountancy domain, to critically assess and apply scientific information such as scientific theories or a scientific argument and to assess and exploit their practical use.
- B.3 able to distinguish between main and minor issues and to gather relevant data, to analyse, interpret and synthesize these, with the objective of forming an assessment in relation to a practical problem, to formulate/reason, to draw up an appropriate solution, to advise and/or to supervise a process of change.

- B.4 able to recognise and assess the significance of international (academic) developments in the accountancy discipline and in relevant neighbouring disciplines.
- B.5 able to place specific accountancy issues in an organisational context and the professional practice. Graduates are also able to understand financial information in relation to a broad organisational policy and to translate this into issues of business studies disciplines. Graduates are able to analyse, diagnose strategic issues and to come up with solutions and to implement these. Graduates have insight into the problems related to the strategy of an organisation and foresees its consequences in terms of internal and accountants control.
- B.6 aware of the necessity of an independent and impartial attitude and are able to reflect, from a social and ethical perspective, on academic insights, on the (financial) functioning of organisations and on possible solutions to problems in the field of accountancy.

C Social communicative learning outcomes

General:

The Executive Master of Accountancy graduates have social communicative skills required to be able to contribute independently and in a team to the (financial) proper functioning of organisations. The graduated masters are able to supervise a team in the implementation of solutions or processes of changes in an organisation.

The Executive Master of Accountancy graduates have:

- C.1 social communicative skills enabling them to express relevant information in a logical, convincing and clear manner, both in writing and orally and both to fellow professionals and non-experts.
- C.2 the ability to work independently and also in a team in a problem-solving manner and according to a plan and are able to manage a team in the professional practice.
- C.3 the ability to reflect critically on own and other's work and where necessary make adjustments and give feedback.
- C.4 social communicative skills enabling them to effectively fulfil the role of accountant in respect of clients, including fulfilling the critical role that typifies a qualitative good discharge of the profession of an accountant.

D Study skills and professional orientation

General:

The Executive Master of Accountancy graduates have skills required to manage their own learning process and to reflect on their own knowledge and skills and they are able to adjust their way of thinking and working. The graduates are able to independently assess how and where their expertise during the various stages of their career requires renewal or adjustment. This enables them to continually make choices in respect of permanent education (compulsory for accountants) so as to be able to comply with the professional demands of society in the future.

The Executive Master of Accountancy graduates have:

- D.1 the required learning and study skills to be able to reflect on the own learning process (thinking and working) and to adjust this process. They are also able to continually renew their own expertise.
- D.2 self-understanding, insight into the professional perspective and insight into opportunities for deepening or renewal. In addition, graduates are thus able to

make a motivated choice for a further specialist education in the Accountancy domain and a more specialised career.

E Professional ethics

Accountants perform an important social service, and this applies particularly to the assurance aspect which is key to the descriptions of these learning outcomes. A characteristic of the profession of accountancy is the responsibility to act in the general interest; the responsibility of an accountant is not confined to acting on behalf of an individual client. In order to make this responsibility more tangible, the Executive Master of Accountancy graduates must:

- E.1 have a thorough knowledge and understanding of the fundamental principles of professional ethics as well as their application in concrete situations.
- E.2 be able to function in professional practice in an honourable way, and answer for their decisions.
- E.3 be able to make their own minds up, form opinions and act professionally in situations where there may be contradictory interests and insights.
- E.4 be able to conduct audits with a professional-critical attitude.
- E.5 have an understanding of their own limitations and the ability to reflect on their own and others' way of thinking and acting in specific situations/business ethical issues.

For a more detailed description of the learning outcomes of the Executive Master in Accountancy, see the Commissie Eindtermen Accountantsopleiding [Accountancy Degree Programme Learning Outcomes Committee] (CEA) report.

Appendix 1.16 Executive Master of Finance and Control

The Executive Master of Finance and Control (EMFC) is a part-time degree programme for financially orientated business economists and business administrators with at least two years of relevant professional experience. Characteristic of the Groningen EMFC degree programme is the close cooperation between the fields of business administration and economics, which has proved fruitful for both teaching and research. Controllers trained in Groningen are ideally equipped to set financial-economic problems in a wider business context, with the result that their contribution to administration and management provides important added value. The degree programme is also characterized by ample attention to professional norms and values, and how to deal with ethical dilemmas, through the academic nature of the programme, its small scale, personal attention and individually tailored teaching.

The EMFC meets all the content-related requirements of the Dutch Association of Registered Controllers (VRC). Once a university EMFC certificate is gained, graduates can apply to the VRC for the professional title RC. In order to keep this professional title, holders must satisfy the PE requirement, among other things. The degree programme also facilitates opportunities to satisfy the PE requirement. The professional requirements set by the VRC and the academic requirements of the EMFC have thus been united in a single degree programme.

The EMFC trains controllers who know how to operate quickly and efficiently in demanding financial-economic positions. At the end of the programme, the controller is able to bear the final responsibility for internal and external economic reporting for organizations and for the economic rationality of the decisions taken in the organization. To this end, the controller has state-of-the-art content-related knowledge, an understanding and overview of the business and information processes and how they

are related to their environments, and the skills to identify gaps in how the organization functions, in a responsible way. A controller has integrity, is objective and solution-orientated. During discussions within the management team, the controller can objectify the discussion by substantiating the standpoints with objective data/information. In order to achieve these goals, the degree programme has designed the teaching units around the following specific learning outcomes.

A Subject-specific learning outcomes

The EMFC graduates have in-depth, specialized academic knowledge and understanding of the following four fields:

- A.1 financial-economic.
- A.2 information science.
- A.3 organization studies.
- A.4 law.

The EMFC graduates are also able to use their knowledge and understanding of these fields to solve complex issues and business-related problems.

B Academic learning outcomes

From a task-related standpoint, the EMFC graduates can take responsibility for and see to the:

- B.1 financial-economic aspects of the decision-making processes in an organization.
- B.2 financial-economic reporting.
- B.3 administrative reporting.
- B.4 fiscal and insurance-related issues.
- B.5 funding and treasury management and the logistics systems.
- B.6 strategic processes and management of the organization, or contribute to this.

In addition the EMFC graduates:

- B.7 can conduct application-orientated academic research in the field of controller issues.
- B.8 can analyse organizations as a whole and as part of a complex external environment, and link the field to other policy-related aspects.
- B.9 can judge decisions to be taken or that have been taken within an organization independently and objectively.
- B.10 can recognize management processes within an organization, from national, international and multicultural perspectives.
- B.11 are aware of the necessity of an independent and impartial attitude, can reflect on issues from social and ethical points of view and are familiar with the code of behaviour drawn up by the VRC for Register Controllers.

C Social and communicative learning outcomes

The EMFC graduates:

- C.1 have social communication skills enabling them to articulate relevant information in a logical, convincing and clear way, both orally and in writing, for both management and others within an organization.
- C.2 are able to work independently or in teams in a solution-orientated and well-planned way and are able to lead and guide in professional practice.

D Study skills and professional orientation

The EMFC graduates:

- D.1 have the required learning and studying skills to be able to reflect on their own

learning process and career and are able to make adjustments.

Appendix 2 MSc Accountancy and Controlling

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Accountancy and Controlling consists of the following courses (with study load in ECs):

Programme: MSc Accountancy & Controlling/A&C
Year: 1
Profile: Accountancy

sem	course title	code	EC	C/E	lang
1.1	Auditing Theory	EBM156A05	5	C	EN
1.1	Financial Accounting Theory	EBM863A05	5	C	EN
1.1	Strategic & Organizational Design	EBM636A05	5	C	EN
1.2	Advanced Accounting Information Systems	EBM154A05	5	C	EN
1.2	IT in Control	EBM191A05	5	C	EN
1.2	Research in Accounting and Control	EBM159A05	5	C	EN
2.1-2	Master's Thesis Accountancy	EBM869B20	20	C	EN
2.1	Auditing Research	EBM155A05	5	C	EN
2.2	International Financial Accounting	EBM158A05	5	C	EN

NB	<p>The Master's Thesis Accountancy will be given in semester 1 and semester 2. If you start the MSc A&C (Accountancy) in February please note the following changes: Financial Accounting Theory in semester 2.1; Strategic & Organizational Design in semester 2.1; Research in Accounting and Control in semester 2.2; IT in Control in semester 2.2; Master's Thesis Accountancy in semester 1.</p>
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Programme: MSc Accountancy & Controlling/A&C
Year: 1
Profile: Controlling

sem	course title	code	EC	C/E	lang
1.1	Management Accounting Change	EBM711B05	5	C	EN
1.1	Management Accounting Techniques	EBM057A05	5	C	EN
1.1	Strategic & Organizational Design	EBM636A05	5	C	EN
1.2	Advanced Accounting Information Systems	EBM154A05	5	C	EN
1.2	Research in Accounting and Control	EBM159A05	5	C	EN
1.2	Value-based Management	EBM160A05	5	C	EN
2.1-2	Master's Thesis Controlling	EBM870B20	20	C	EN
2.1	Research in Management Control	EBM082A05	5	C	EN
2.2	IT in Control	EBM191A05	5	C	EN

NB	<p>The Master's Thesis Controlling will be given in semester 1 and semester 2. If you start the MSc A&C (Controlling) in February please note the following changes: Management Accounting Techniques in semester 2.1; Strategic & Organizational Design in semester 2.1; Research in Accounting and Control in semester 2.2; Master's Thesis Controlling in semester 1.</p>
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Appendix 3 MSc Business Administration

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 3.1 MSc BA, profile Change Management

The Master's degree programme in Business Administration, profile Change Management consists of the following courses (with study load in ECs):

Programme: MSc BA - Change Management
Year: 1
Profile: core programme MSc BA Change Management

sem	course title	code	EC	C/E	lang
1.1-2	electives MSc BA Change Man (see list)		15	C	EN
1.1	Change and Human Factors	EBM053A05	5	C	EN
1.1	Theories & Approaches of Change Man.	EBM055A05	5	C	EN
1.2	Research & Skills for MSc BA	EBM050A05	5	C	EN
2.1-2	Master's Thesis BA Change Management	EBM724A20	20	C	EN
2.1	Agents and Instruments of Change	EBM052A05	5	C	EN
2.1	Managing Technological Change	EBM054A05	5	C	EN

NB	If you start the MSc BA Change Management in February please note the following changes: Research & Skills for MSc BA in semester 2.2; Master's Thesis BA Change Management in semester 1.
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Programme: MSc BA - Change Management
Year: 1
Profile: electives MSc BA Change Management

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.1	Work Design and Team Processes	EBM012A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN

1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Policies for a Dynamic Economy	EBM065A05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	HRM & International Labour Law	EBM733A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Inventory Management	EBM026A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 3.2 MSc BA, profile Organizational and Management Control

The Master's degree programme in Business Administration, profile Organizational and Management Control consists of the following courses (with study load in ECs):

Programme: MSc BA - Organizational & Management Control/O&MC

Year: 1

Profile: core programme MSc BA O&MC

sem	course title	code	EC	C/E	lang
1.1-2	electives MSc BA O&MC (see list)		15	C	EN
1.1	Management Accounting Change	EBM711B05	5	C	EN
1.1	Management Accounting Techniques	EBM057A05	5	C	EN
1.2	Research & Skills for MSc BA	EBM050A05	5	C	EN

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2.1-2	Master's Thesis BA O&MC	EBM859A20	20	C	EN
2.1	Financial Management for O&MC	EBM056A05	5	C	EN
2.1	Research in Management Control	EBM082A05	5	C	EN

NB	<p>Students who can demonstrate that they already have sufficient knowledge of corporate finance / financial management (obtained from at least 15 EC of bachelor courses in this area) are allowed to replace Financial Management for O&MC (EBM056A05) with Corporate Governance for MSc Finance (EBM811C05). Students who want to use this option should first ask permission from the programme coordinator;</p> <p>If you start the MSc BA O&MC in February please note the following changes: Management Accounting Techniques in semester 2.1; Research & Skills for MSc BA in semester 2.2; Master's Thesis BA O&MC in semester 1.</p> <p>Students who would like to become a controller are advised to choose Financial Reporting & Risk Management (and maybe International Financial Reporting or Working Capital Management) as an elective.</p>
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Programme: MSc BA - Organizational & Management Control/O&MC

Year: 1

Profile: electives MSc BA O&MC

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN

2.1	Policies for a Dynamic Economy	EBM065A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	Corporate Governance for MSc Finance	EBM811C05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	HRM & International Labour Law	EBM733A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Inventory Management	EBM026A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 3.3 MSc BA, profile Small Business and Entrepreneurship

The Master's degree programme in Business Administration, profile Small Business and Entrepreneurship consists of the following courses (with study load in ECs):

Programme: MSc BA - Small Business & Entrepreneurship/SB&E

Year: 1

Profile: core programme SB&E

sem	course title	code	EC	C/E	lang
1.1-2	electives MSc BA SB&E (see list)		10	C	EN
1.1	Small Business Management	EBM059A05	5	C	EN
1.1	Strategic Analysis for Small Business	EBM060A05	5	C	EN
1.2	Business Diagnosis and Design	EBM042A05	5	C	EN
1.2	Research & Skills for MSc BA	EBM050A05	5	C	EN
2.1-2	Master's Thesis BA SB&E	EBM712A20	20	C	EN
2.1	New Ventures & Entrepreneurship	EBM838A05	5	C	EN
2.1	Small Business Economics & Policy	EBM058A05	5	C	EN

NB	If you start the MSc BA SB&E in February please note the following changes: Research & Skills for MSc BA in semester 2.2; Business Diagnosis and Design in semester 2.2; Master's Thesis BA SB&E in semester 1.
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Programme: MSc BA - Small Business & Entrepreneurship/SB&E
Year: 1
Profile: electives MSc BA SB&E

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Policies for a Dynamic Economy	EBM065A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN

2.2	HRM & International Labour Law	EBM733A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	C	EN
2.2	Inventory Management	EBM026A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 3.4 MSc BA, profile Strategic Innovation Management

The Master's degree programme in Business Administration, profile Strategic Innovation Management consists of the following courses (with study load in ECs):

Programme: MSc BA - Strategic Innovation Management/SIM

Year: 1

Profile: core programma MSc BA SIM

sem	course title	code	EC	C/E	lang
1.1-2	electives MSc BA SIM		15	C	EN
1.1	Organizing for Innovation	EBM064A05	5	C	EN
1.1	Strategy & Innovation Management	EBM066A05	5	C	EN
1.2	Research & Skills for MSc BA	EBM050A05	5	C	EN
2.1-2	Master's Thesis BA SIM	EBM723B20	20	C	EN
2.1	Capturing Value from Innovation	EBM738A05	5	C	EN
2.1	Cooperating for Innovation	EBM061A05	5	C	EN

NB	If you start the MSc BA SIM in February please note the following changes: Research & Skills for MSc BA in semester 2.2; Master's Thesis BA SIM in semester 1.
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Programme: MSc BA - Strategic Innovation Management/SIM

Year: 1

Profile: electives MSc BA SIM

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Developing from Technologies	EBM063A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Innovation in Services	EBM736C05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN

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1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Policies for a Dynamic Economy	EBM065A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN

Appendix 4 MSc EORAS

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Econometrics, Operations Research and Actuarial Studies consists of the following courses (with study load in ECs):

Programme: MSc Econometrics, Operations Research & Actuarial Studies/
EORAS
Year: 1
Profile: Actuarial Studies

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc EORAS (see list)		15	C	EN
1.1-2 + 2.1-2	other quantitative course(s)		10	C	EN
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	C	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	C	EN
2.1-2	Master's Thesis Actuarial Studies	EBM871A20	20	C	EN
2.1	• Asset and Liability Management <i>or</i>	EBM111A05	5	EG	EN
2.1	• Banking, Insurance and Risk Management	EBM067A05	5	EG	EN

NB	Students choose 5 EC from the election group (EG); Students choose 15 EC from 'electives MSc EORAS' (see list), not including course(s) chosen from the election group; Students choose 10 EC other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, or national networks (e.g. LNMB, see www.lnmb.nl), all subject to approval; If you start the MSc EORAS in February please note the following change: Master's Thesis Actuarial Studies in semester 1.
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Programme: MSc Econometrics, Operations Research & Actuarial Studies/
EORAS
Year: 1
Profile: Econometrics

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc EORAS (see list)		15	C	EN
1.1-2 + 2.1-2	other quantitative course(s)		10	C	EN
1.1	Econometric Theory and Methods	EBM835B05	5	C	EN
1.2	Econometric Inference	EBM021A05	5	C	EN
2.1-2	Master's Thesis Econometrics	EBM872A20	20	C	EN
2.1	• Applied Macroeconometrics <i>or</i>	EBM109A05	5	EG	EN
2.1	• Applied Microeconometrics	EBM110A05	5	EG	EN

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NB	<p>Students choose 5 EC from the election group; Students choose 15 EC from 'electives MSc EORAS' (see list), not including course(s) chosen from the election group; Students choose 10 EC other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, or national networks (e.g. LNMB, see www.lnmb.nl), all subject to approval; If you start the MSc EORAS in February please note the following change: Master's Thesis Econometrics in semester 1.</p>
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Programme: MSc Econometrics, Operations Research & Actuarial Studies/
EORAS
Year: 1
Profile: Operations Research

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc EORAS (see list)		15	C	EN
1.1-2 + 2.1-2	other quantitative course(s)		10	C	EN
1.1	Stochastic Programming	EBM853A05	5	C	EN
1.2	Maintenance Planning and Optimization	EBM170A05	5	C	EN
2.1-2	Master's Thesis Operations Research	EBM873A20	20	C	EN
2.1	• OR Analysis of Complex Systems <i>or</i>	EBM115A05	5	EG	EN
2.1	• Supply Chain Optimization	EBM117A05	5	EG	EN

NB	<p>Students choose 5 EC from the election group (EG); Students choose 15 EC from 'electives MSc EORAS' (see list), not including course(s) chosen from the election group; Students choose 10 EC other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, or national networks (e.g. LNMB, see www.lnmb.nl), all subject to approval; If you start the MSc EORAS in February please note the following change: Master's Thesis Operations Research in semester 1.</p>
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Programme: MSc Econometrics, Operations Research & Actuarial Studies/
EORAS
Year: 1
Profile: electives MSc EORAS

sem	course title	code	EC	C/E	lang
1.1	Advanced Industrial Organization	EBM826A05	5	E	EN
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Theory and Methods	EBM835B05	5	E	EN
1.1	Stochastic Programming	EBM853A05	5	E	EN
1.2	Econometric Inference	EBM021A05	5	E	EN
1.2	Financial Econometrics	EBM820A05	5	E	EN
1.2	Maintenance Planning and Optimization	EBM170A05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN
2.1	Applied Macroeconometrics	EBM109A05	5	E	EN
2.1	Applied Microeconometrics	EBM110A05	5	E	EN
2.1	Applied Statistics for EORAS	EBM805B05	5	E	EN

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2.1	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	OR Analysis of Complex Systems	EBM115A05	5	E	EN
2.1	Supply Chain Optimization	EBM117A05	5	E	EN
2.2	Quantitative Finance	EBM161A05	5	E	EN

Appendix 5 MSc Economics

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Economics consists of the following courses (with study load in ECs):

Programme: MSc Economics
Year: 1
Profile: core programme MSc Economics

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Economics		15	C	EN
1.1-2 + 2.1-2	electives B MSc Economics		10	C	EN
1.1	Empirical Methods of Economics	EBM103A05	5	C	EN
1.1	Games and Industrial Organization	EBM104A05	5	C	EN
1.1	Macroeconomics for MSc Economics	EBM836C05	5	C	EN
2.1-2	Master's Thesis Economics	EBM877A20	20	C	EN

NB	Students choose 15 EC from electives A MSc Economics (see list); Students choose 10 EC from electives B MSc Economics (see list) or from electives A MSc Economics which they have not already taken; If you start the MSc Economics in February please note the following changes: Empirical Methods of Economics in semester 2.1; Master's Thesis Economics in semester 1.
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Programme: MSc Economics
Year: 1
Profile: electives A MSc Economics

sem	course title	code	EC	C/E	lang
1.2	Competition Policy - Theory and Practice	EBM100A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	Empirical Macroeconomics	EBM102A05	5	E	EN
1.2	Money, Finance and the Economy	EBM164A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Public Economics and Social Policy	EBM108A05	5	E	EN

NB	<p>Students focusing on ‘Microeconomics of Markets and Incentives’ can choose only the following courses: Competition Policy - Theories and Practice (EBM100A05), Economics of Regulating Markets (EBM148A05), Microeconomics of Household Behaviour (EBM106A05) and Public Economics and Social Policy (EBM108A05). Moreover, they have to write their Master’s Thesis on this topic;</p> <p>Students focusing on ‘Macroeconomic Theory and Policy Incentives’ can choose only the following courses: Economic Growth in History (EBM101A05), Empirical Macroeconomics (EBM102A05), Monetary Policy and Financial Regulation (EBM107A05), Public Economics and Social Policy (EBM108A05) and Money, Finance and the Economy (EBM164A05). Moreover, they have to write their Master’s Thesis on this topic;</p> <p>Students choosing ‘Microeconomics of Markets and Incentives’ or ‘Macroeconomic Theory and Policy’ receive a notification on the supplement to their degree, indicating that in their master studies they have specialized in one of these focus areas.</p>
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Programme: MSc Economics
Year: 1
Profile: electives B MSc Economics

sem	course title	code	EC	C/E	lang
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Theory and Methods	EBM835B05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Econometric Inference	EBM021A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Applied Microeconometrics	EBM110A05	5	E	EN
2.1	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN

Appendix 6 MSc Finance

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Finance consists of the following courses (with study load in ECs):

Programme: MSc Finance
Year: 1
Profile: core programme MSc Finance

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective A MSc Finance (see list)		20	C	EN
1.1-2 + 2.1-2	electives B MSc Finance		5	C	EN
1.1	Corporate Finance for MSc Finance	EBM008B05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
2.1-2	Master's Thesis Finance	EBM866B20	20	C	EN

NB	<p>Students choose 20 EC from 'electives A MSc Finance' (see list); Students choose 5 EC from 'electives B MSc Finance' (see list) and/or 'electives A MSc Finance' which they have not already taken; If you start the MSc Finance in February please note the following changes: Research Methods in Finance in semester 2.1; Master's Thesis Finance in semester 1.</p>
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Programme: MSc Finance
Year: 1
Profile: electives A MSc Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Energy & Finance	EBM166A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Institutional Investment Management	EBM822A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Corporate Governance for MSc Finance	EBM811C05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN

Programme: MSc Finance
Year: 1
Profile: electives B MSc Finance

sem	course title	code	EC	C/E	lang
1.1	Advanced Industrial Organization	EBM826A05	5	E	EN
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Money, Finance and the Economy	EBM164A05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN

Appendix 7 MSc Economics of Taxation

See the Teaching and Examinations Regulations 2016 – 2017 for the most recent programme.

See the substation regulation of Fiscal Economics (Appendix 20.4) for the manner in which the programme can be rounded off.

Appendix 8 MSc Human Resource Management

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Human Resource Management consists of the following courses (with study load in ECs):

Programme: MSc Human Resource Management/HRM
Year: 1
Profile: core programme MSc HRM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc HRM (see list)		10	C	EN
1.1	Strategic HRM	EBM011A05	5	C	EN
1.1	• Work Design and Team Processes <i>and/or</i>	EBM012A05	5	EG	EN
1.2	• Leadership <i>and/or</i>	EBM072A05	5	EG	EN
1.2	• Personnel Economics <i>and/or</i>	EBM678A05	5	EG	EN
2.2	• HRM & International Labour Law <i>and/or</i>	EBM733A05	5	EG	EN
2.2	• HRM & Nederlands arbeidsrecht	EBM016A05	5	EG	NL
1.2	Research & Professional Skills for HRM	EBM009B05	5	C	EN
2.1-2	Master's Thesis HRM	EBM722B20	20	C	EN
2.1	Personnel Instruments	EBM014A05	5	C	EN

NB	<p>Students choose 15 EC from the elective group (EG), Personnel Economics can also be chosen in semester 2.1;</p> <p>Students choose 10 EC from 'electives MSc HRM' (see list). They also may choose courses from the elective group (EG) they have not already taken;</p> <p>If you start the MSc HRM in February please note the following changes: Research & Professional Skills for HRM in semester 2.2; Master's Thesis HRM in semester 1.</p>
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Programme: MSc Human Resource Management/HRM
Year: 1
Profile: electives MSc HRM

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN

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2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 9 MSc International Business and Management

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in International Business and Management consists of the following courses (with study load in ECs):

Programme: MSc International Business & Management/IB&M
Year: 1
Profile: core programme MSc IB&M

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc IB&M (see list)		10	C	EN
1.1-2 + 2.1-2	electives B MSc IB&M (see list)		10	C	EN
1.1	International Business Strategy (MSc)	EBM088A05	5	C	EN
1.1	Managing Cultural Differences	EBM190A05	5	C	EN
1.2	Comparative Environmental Analysis	EBM084B05	5	C	EN
1.2	Research Seminar for IB&M	EBM718B05	5	C	EN
2.1-2	Master's Thesis IB&M	EBM719A20	20	C	EN

NB	<p>Students choose 10 EC from 'electives A MSc IB&M' (see list); Students choose 10 EC from 'electives B MSc IB&M' (see list), and/or courses from 'electives A MSc IB&M' (see list) which they have not already taken; If you start the MSc IB&M in February please note the following changes: International Business Strategy (MSc) in semester 2.1; Managing Cultural Differences in semester 2.1; Comparative Environmental Analysis in semester 2.2; Research Seminar for IB&M in semester 2.2; Master's Thesis IB&M in semester 1.</p>
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Programme: MSc International Business & Management/IB&M
Year: 1
Profile: electives A MSc IB&M

sem	course title	code	EC	C/E	lang
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.2	International Corporate Finance	EBM098A05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Multinationals and CSR	EBM197A05	5	E	EN
2.2	Corporate Soc.Resp. & Global Value Chain	EBM149A05	5	E	EN
2.2	International Entrepreneurship	EBM089A05	5	E	EN

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Programme: MSc International Business & Management/IB&M
Year: 1
Profile: electives B MSc IB&M

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	E	EN
2.1	Korea in the East Asian Region	EBM162A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.1	Policies for a Dynamic Economy	EBM065A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN

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2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 10 MSc International Economics and Business

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in International Economics and Business consists of the following courses (with study load in ECs):

Programme: MSc International Economics & Business/IE&B
Year: 1
Profile: core programme MSc IE&B

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc IE&B		15	C	EN
1.1-2 + 2.1-2	electives B MSc IE&B		10	C	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.2	Research Seminar for IE&B	EBM846B05	5	C	EN
2.1-2	Master's Thesis IE&B	EBM868A20	20	C	EN

NB	<p>Students choose 15 EC from 'electives A MSc IE&B' (see list); Students choose 10 EC from 'electives B MSc IE&B' (see list), and/or courses from 'electives A MSc IE&B' (see list) which they have not already taken; If you start the MSc IE&B in February please note the following changes: Foreign Dir. Investment & Trade (MSc) in semester 2.1; Competitiveness of Firms and Nations in semester 2.2; Research Seminar for IE&B in semester 2.2; Master's Thesis IE&B in semester 1.</p>
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Programme: MSc International Economics & Business/IE&B**Year: 1****Profile: electives A MSc IE&B**

sem	course title	code	EC	C/E	lang
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Global Finance and Growth	EBM150A05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN

NB	Students focusing on 'Globalization, Growth and Development' have to take the following electives from the A-selection: Growth and Development Policies (EBM095A05), Trade, Environment and Growth (EBM097A05), Economic Geography (EBM094A05) and Country Studies (EBM093A05); Students focusing on 'International Capital and Globalization' have to take the following electives from the A-selection: International Banking and Finance (EBM096A05), Global Finance and Growth (EBM150A05) and Country Studies (EBM093A05); Students choosing 'Globalization, Growth and Development' or 'International Capital and Globalization' receive a notification on the supplement to their degree, indicating that in their master studies they have specialized in one of these two focus areas.
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Programme: MSc International Economics & Business/IE&B**Year: 1****Profile: electives B MSc IE&B**

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	International Business Strategy (MSc)	EBM088A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Comparative Environmental Analysis	EBM084B05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	International Risk Analysis and Research	EBM099B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Money, Finance and the Economy	EBM164A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	International Business Strategy (MSc)	EBM088A05	5	E	EN
2.1	Korea in the East Asian Region	EBM162A05	5	E	EN

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2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Comparative Environmental Analysis	EBM084B05	5	E	EN
2.2	Corporate Soc.Resp. & Global Value Chain	EBM149A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Entrepreneurship	EBM089A05	5	E	EN

NB	<p>In addition to the electives mentioned in electives A students focusing on 'Globalization, Growth and Development' have to take one of the following electives: Economic Growth in History (EBM101A05), Finance and Development (EBM069A05) or Global Finance and Growth (EBM150A05), (see electives MSC IE&B A);</p> <p>In addition to the electives mentioned in electives A students focusing on 'International Capital and Globalization' have to take two of the following electives: Money, Finance and the Economy (EBM164A05), Monetary Policy and Financial Regulation (EBM107A05) or Finance and Development (EBM069A05);</p> <p>Students choosing 'Globalization, Growth and Development' or 'International Capital and Globalization' receive a notification on the supplement to their degree, indicating that in their master studies they have specialized in one of these two focus areas.</p>
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Appendix 11 MSc International Financial Management

Explanation of abbreviations used in the degree programme overviews below:

C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in International Financial Management consists of the following courses (with study load in ECs).

Programme: MSc International Financial Management/IFM

Year: 1

Profile: core programme MSc IFM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	keuzevakken MSc IFM		10	C	EN
1.1	Financial Management for Multinationals	EBM200A05	5	C	EN
1.1	International Man. Accounting & Control	EBM662A05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
1.2	International Financial Reporting	EBM045B05	5	C	EN
1.2	International Risk Analysis and Research	EBM099B05	5	C	EN
1.2	• Int. Fin. Institutions and Governance	EBM198A05	5	EG	EN
1.2	• Value-based Management	EBM160A05	5	EG	EN
2.1-2	Master's Thesis IFM	EBM022A20	20	C	EN

NB	Students choose 5 EC from the election group (EG) and 10 EC from 'electives MSc IFM' (see list); If you start the MSc IFM in February please note the following changes: Research Methods in Finance in semester 2.1; Empirical Methods for MSc IFM in semester 2.1; International Financial Reporting in semester 2.2; Int. Fin. Institutions and Governance in semester 2.2; Master's Thesis IFM in semester 1.
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Programme: MSc International Financial Management/IFM

Year: 1

Profile: electives MSc IFM

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN

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1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN

Appendix 12 MSc Marketing

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Marketing consists of the following courses (with study load in ECs):

Programme: MSc Marketing
Year: 1
Profile: core programme Marketing Intelligence

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective MSc Marketing Intelligence		5	C	EN
1.1	Data Science and Marketing Analytics	EBM165A05	5	C	EN
1.1	Marketing Research Methods	EBM080A05	5	C	EN
1.1	Strategic Marketing for MSc Marketing	EBM081B05	5	C	EN
1.2	Consumer Psychology	EBM074A05	5	C	EN
1.2	Digital Marketing Intelligence	EBM079B05	5	C	EN
1.2	Market Models	EBM077A05	5	C	EN
2.1-2	Master's Thesis Marketing	EBM867B20	20	C	EN
2.2	Customer Models	EBM076A05	5	C	EN

NB	Students choose 5 EC from 'electives MSc Marketing Intelligence' (see list); If you start the MSc Marketing Intelligence in February please note the following changes: Marketing Research Methods in semester 2.1; Strategic Marketing in semester 2.1; Consumer Psychology in semester 2.2; Master's Thesis Marketing in semester 1.
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Programme: MSc Marketing
Year: 1
Profile: electives Marketing Intelligence

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Econometric Theory and Methods	EBM835B05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Brand & Product Management	EBM073A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN

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1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Customer Management	EBM075A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Supply Chain Dynamics	EBM147A05	5	E	EN
2.1	Supply Chain Optimization	EBM117A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

NB	The courses Econometric Theory and Methods, Microeconomics of Household Behaviour and Competitiveness of Firms and Nations require quite some knowledge in advance of the respective field. Please, contact your program coordinator or the respective course coordinator if you have any questions about this.
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Programme: MSc Marketing
Year: 1
Profile: core programme Marketing Management

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Marketing Management		15	C	EN
1.1-2 + 2.1-2	electives B MSc Marketing Management		10	C	EN
1.1	Marketing Research Methods	EBM080A05	5	C	EN
1.1	Strategic Marketing for MSc Marketing	EBM081B05	5	C	EN
1.2	Consumer Psychology	EBM074A05	5	C	EN
2.1-2	Master's Thesis Marketing	EBM867B20	20	C	EN

NB	<p>Students choose 15 EC from 'electives A MSc Marketing Management' (see list); Students choose 10 EC from 'electives A MSc Marketing Management' or 'electives B MSc Marketing Management' (see list); If you start the MSc Marketing Management in February please note the following changes: Marketing Research Methods in semester 2.1; Strategic Marketing in semester 2.1; Consumer Psychology in semester 2.2; Master's Thesis Marketing in semester 1.</p>
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Programme: MSc Marketing
Year: 1
Profile: electives A Marketing Management

sem	course title	code	EC	C/E	lang
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Brand & Product Management	EBM073A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
2.1	Customer Management	EBM075A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN

Programme: MSc Marketing
Year: 1
Profile: electives B Marketing Management

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Data Science and Marketing Analytics	EBM165A05	5	E	EN
1.1	Developing for Markets	EBM062A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN

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1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Digital Marketing Intelligence	EBM079B05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Market Models	EBM077A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Supply Chain Dynamics	EBM147A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Customer Models	EBM076A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

NB	The course Competitiveness of Firms and Nations requires quite some knowledge in advance of the field. Please contact your program coordinator or the course coordinator if you have any questions about this.
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Appendix 13 MSc Supply Chain Management

Explanation of abbreviations used in the degree programme overviews below:

C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Supply Chain Management consists of the following courses (with study load in ECs):

Programme: MSc Supply Chain Management/SCM

Year: 1

Profile: core programme MSc SCM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective(s) MSc SCM (see list)		10	C	EN
1.1	Logistics and Supply Chain Operations	EBM035A05	5	C	EN
1.1	Supply Chain Network Design	EBM040A05	5	C	EN
1.1	• Service Operations <i>or</i>	EBM634A05	5	EG	EN
2.1	• Purchasing	EBM037A05	5	EG	EN
1.2	Research Methods for SCM	EBM038A05	5	C	EN
1.2	Strategic Supply Chain Management	EBM039A05	5	C	EN
2.1-2	Master's Thesis SCM	EBM720B20	20	C	EN
2.1	Process Improvement and Change	EBM036B05	5	C	EN

NB	<p>Students choose 5 EC from the election group (EG);</p> <p>Students choose 10 EC from 'electives MSc SCM' (see list). They also may choose the course from the election group they have not already taken;</p> <p>If you start the MSc SCM in February please note the following changes:</p> <p>Research Methods for SCM in semester 2.2;</p> <p>Strategic Supply Chain Management in semester 2.2;</p> <p>Master's Thesis SCM in semester 1.</p>
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Programme: MSc Supply Chain Management/SCM

Year: 1

Profile: electives MSc SCM

sem	course title	code	EC	C/E	lang
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Behavioural Operations Management	EBM032A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN

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2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Supply Chain Dynamics	EBM147A05	5	E	EN
2.2	Behavioural Operations Management	EBM032A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Inventory Management	EBM026A05	5	E	EN

Appendix 14 MSc Technology and Operations Management

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Technology and Operations Management consists of the following courses (with study load in ECs):

Programme: MSc Technology and Operations Management/TOM
Year: 1
Profile: core programme MSc TOM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective(s) MSc TOM (see list)		10	C	EN
1.1	Operations Management and Control	EBM041A05	5	C	EN
1.1	Operations Modelling and Simulation	EBM029A05	5	C	EN
1.1	• Facility Design and Planning <i>or</i> • Technology-enabled Innovation	EBM025A05	5	EG	EN
2.1		EBM760D05	5	EG	EN
1.2	Behavioural Operations Management	EBM032A05	5	C	EN
1.2	Research Methods for TOM	EBM031A05	5	C	EN
2.1-2	Master's Thesis TOM	EBM766B20	20	C	EN
2.1	Asset Management	EBM024A05	5	C	EN

NB	<p>Students choose 5 EC from the election group (EG). Note that to balance the workload you should choose Facility Design and Planning if you start MSc TOM in September;</p> <p>Students choose 10 EC from 'electives MSc TOM' (see list). They also may choose the course from the election group they have not already taken;</p> <p>If you start the MSc TOM in February please note the following changes:</p> <p>Behavioural Operations Management in semester 2.2;</p> <p>Research Methods for TOM in semester 2.2;</p> <p>Master's Thesis TOM in semester 1 (resulting in 'Technology-enabled Innovation' to be the most logical choice for the election group (EG)).</p>
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Programme: MSc Technology and Operations Management/TOM
Year: 1
Profile: electives MSc TOM

sem	course title	code	EC	C/E	lang
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Developing from Technologies	EBM063A05	5	E	EN
1.2	Healthcare Operations	EBM034A05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Planning and Scheduling Methods	EBM030A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN

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2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Innovation in Healthcare Organizations	EBM047A05	5	E	EN
2.1	Process Improvement and Change	EBM036B05	5	E	EN
2.1	Purchasing	EBM037A05	5	E	EN
2.1	Supply Chain Dynamics	EBM147A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Inventory Management	EBM026A05	5	E	EN

Appendix 15 ReMa in Economics and Business (Research Master)

Explanation of abbreviations used in the degree programme overviews below:

C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Economics and Business (Research Master) consists of the following courses (with study load in ECs):

Programme: Research Master in Economics and Business

Year: 1

Profile: Business Analytics & Econometrics

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	additional course ReMa		5	C	EN
1.1-2 + 2.1-2	electives ReMa-Research Methods		10	C	EN
1.1-2 + 2.1-2	electives ReMa-Bus.Analytics & Ectrics		20	C	EN
1.1-2	Learning and Practising Research	EBM878B10	10	C	EN
1.1-2	Philosophy of Science and Research Meth.	EBM185A05	5	C	EN
1.1	Econometric Theory and Methods	EBM835B05	5	C	EN
1.1	Stochastic Programming	EBM853A05	5	C	EN

NB	Students choose 10 EC from 'electives ReMa-Research Methods' and 20 EC from electives ReMa-Bus.Analytics & Ectrics'.
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Programme: **Research Master in Economics and Business**
Year: **1**
Profile: **Business Research**

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	additional course ReMa		5	C	EN
1.1-2 + 2.1-2	electives ReMa-Research Methods		10	C	EN
1.1-2	Learning and Practising Research	EBM878B10	10	C	EN
1.1-2	Philosophy of Science and Research Meth.	EBM185A05	5	C	EN
1.1	Organization Theory for ReMa	EBM017A05	5	C	EN
1.1	• International Business for ReMa <i>or</i>	EBM891B05	5	EG	EN
1.2	• Managing Innovation <i>or</i>	EBM182A05	5	EG	EN
2.2	• Behavioural Decision Making for ReMa	EBM173A05	5	EG	EN
1.2	Organizational Behaviour for ReMa	EBM769C05	5	C	EN
2.1	Strategic Management for ReMa	EBM187A05	5	C	EN
2.2	Marketing Theory	EBM894A05	5	C	EN
2.2	Supply Chain Management Research	EBM137A05	5	C	EN

NB	Students choose 5 EC from the election group (EG) and 10 EC from 'electives ReMa-Research Methods'.
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Programme: **Research Master in Economics and Business**
Year: **1**
Profile: **Economics**

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	additional course ReMa		5	C	EN
1.1-2 + 2.1-2	electives ReMa-Research Methods		10	C	EN
1.1-2 + 2.1-2	electives ReMa-Economics		20	C	EN
1.1-2	Learning and Practising Research	EBM878B10	10	C	EN
1.1-2	Philosophy of Science and Research Meth.	EBM185A05	5	C	EN
1.1	• Macroeconomic Analysis <i>or</i>	EBM181A05	5	EG	EN
1.1	• Macroeconomic Theory	EBM127A05	5	EG	EN
1.2	• Microeconomic Analysis <i>or</i>	EBM183A05	5	EG	EN
2.2	• Behavioural Economics and Exp. Design	EBM174A05	5	EG	EN

NB	Students choose 5 EC from the election group (EG) semester 1.1 and 5 EC from the election group (EG) semester 1.2 - 2.2; Students choose 10 EC from 'electives ReMa-Research Methods'; Students choose 20 EC from 'electives ReMa-Economics'.
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Programme: **Research Master in Economics and Business**
Year: **1**
Profile: **electives ReMa-Research Methods**

sem	course title	code	EC	C/E	lang
1.1	Econometric Theory and Methods	EBM835B05	5	E	EN
1.1	Empirical Methods of Economics	EBM103A05	5	E	EN
1.1	Multivariate Data Analysis	EBM895A05	5	E	EN
1.2	Experimental Research Design	EBM125A05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Applied Macroeconometrics	EBM109A05	5	E	EN
2.1	Applied Microeconometrics	EBM110A05	5	E	EN
2.1	Empirical Methods of Economics	EBM103A05	5	E	EN
2.1	OR Analysis of Complex Systems	EBM115A05	5	E	EN
2.1	Survey Research	EBM138A05	5	E	EN
2.2	Case Study Research	EBM121A05	5	E	EN

Programme: **Research Master in Economics and Business**
Year: **1**
Profile: **electives ReMa-Bus.Analytics & Ectrics**

sem	course title	code	EC	C/E	lang
1.2	Data Science Methods	EBM175A05	5	E	EN
1.2	Quantitative Logistics for ReMa	EBM186A05	5	E	EN

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2.1	Econometric Analysis of Panel Data	EBM177A05	5	E	EN
2.2	Asset Pricing for ReMa	EBM172A05	5	E	EN
2.2	Modelling Market Dynamics	EBM184A05	5	E	EN
2.2	Supply Chain Modelling	EBM188A05	5	E	EN

Programme: **Research Master in Economics and Business**

Year: **1**

Profile: **electives ReMa-Economics**

sem	course title	code	EC	C/E	lang
1.1	Macroeconomic Analysis	EBM181A05	5	E	EN
1.1	Macroeconomic Theory	EBM127A05	5	E	EN
1.2	Microeconomic Analysis	EBM183A05	5	E	EN
1.2	Monetary Theory	EBM129A05	5	E	EN
2.1	Development Economics	EBM176A05	5	E	EN
2.1	Game Theory and Oligopoly	EBM179A05	5	E	EN
2.1	International Trade	EBM180A05	5	E	EN
2.2	Behavioural Economics and Exp. Design	EBM174A05	5	E	EN
2.2	Empirics of Growth	EBM178A05	5	E	EN
2.2	Theoretical Corporate Finance	EBM857C05	5	E	EN

Programme: **Research Master in Economics and Business**

Year: **2**

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	additional courses ReMa		25	C	EN
1.2	Academic Writing for ReMa	EBM171A05	5	C	EN
2.1-2	Master's Thesis RM E&B	EBM897A30	30	C	EN

Appendix 16 Executive Master of Accountancy

Explanation of abbreviations used in the degree programme overviews below:

C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The degree programme of the Executive Master of Accountancy consists of the following courses (with study load in ECs):

Programme: Executive Master of Accountancy

Year: 1

sem	course title	code	EC	C/E	lang
1.1	IC AIS Comprehensive Design	EBE025A10	10	C	NL
1.2	Corporate Governance for Accountants	EBE026A05	5	C	NL
1.2	IC-CG Integratie portfolio deel I	EBE027A03	3	C	NL
2.1	Audit & Assurance I	EBE028A05	5	C	NL
2.2	CG-AA Integratie portfolio deel II	EBE029A02	2	C	NL
2.2	Externe Verslaggeving Research	EBE024A05	5	C	NL

NB	<p>The IC AIS Comprehensive Design course includes a written examination. This written examination consists of two parts (question 1 and question 2). For the two parts taken together at least 11 points must have been scored, while for each separate part at least a 5 must have been achieved. The separate parts are awarded as whole numbers;</p> <p>The Corporate Governance for Accountants course is successfully completed if all course assignments are rounded off with a sufficient grade;</p> <p>The IC-CG Integratie portfolio deel I is successfully completed if the case is awarded a sufficient grade;</p> <p>The examination of the Audit & Assurance I course is successfully completed, if a sufficient grade is scored on each of the parts. The final grade is a weighted average of the results of the intermediate test and the written examination;</p> <p>The CG-AA Integratie portfolio deel II course is successfully completed if the case is awarded a sufficient grade;</p> <p>The Externe Verslaggeving Research course is successfully completed if the research assignment of this course is awarded a sufficient grade.</p>
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Programme: **Executive Master of Accountancy**

Year: **2**

sem	course title	code	EC	C/E	lang
1.1	Externe verslaggeving voor Accountants	EBE030A15	15	C	NL
1.2	Audit & Assurance II	EBE031A05	5	C	NL
1.2 and 2.1	Afronding Accountancy Portfolio deel III	EBE032A06	6	C	NL
2.2	Afronding Accountancy Mondeling	EBE033A04	4	C	NL

NB	<p>The student who has at least once legally taken the examination of the IC AIS Comprehensive Design course will be admitted to the lectures of the Audit & Assurance II course;</p> <p>A student will be admitted to the national written examination of Audit & Assurance II course, if he has passed the examination of Audit & Assurance I or if he has taken part in the regular and/or resit examination;</p> <p>The Audit & Assurance II course includes a national written examination. The national written examination consists of two parts (question 1 and question 2). For the two parts together at least 11 points must be scored. The separate parts are awarded whole grades only;</p> <p>The determination of the national examination and the manner of assessment are determined by an external committee of the NBA. Definitive adoption of this regulation has not yet taken place, so deviations are still possible;</p> <p>The student who has taken part all preceding courses of the EMA programme and who has taken the examinations regularly is admitted to the Afronding Accountancy Portfolio deel III course. In addition, Portfolio deel I and Portfolio deel II must have been rounded off with a sufficient score. The Afronding Accountancy Portfolio deel III course consists of the following parts: final project and an oral accountant examination;</p> <p>After the final project of the Afronding Accountancy Portfolio deel III is rounded off with a sufficient score the student will be admitted to the final oral accounts examination;</p> <p>The oral accountant examination must be rounded off with a score of at least 6;</p> <p>The final grade of the Afronding Accountancy course is determined by the average of the final project and the oral accountants examination;</p> <p>To the other courses of this programme the general regulation in respect of exemption is applicable, as formulated in Article 6.11 of the TER (Teaching and Examination Regulations).</p>
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Appendix 17 Executive Master of Finance and Control

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The degree programme of the Executive Master of Finance and Control consists of the following courses (with study load in ECs):

Programme: Executive Master of Finance and Control/EMFC

Year: 1

sem	course title	code	EC	C/E	lang
2.1-2	Financial Accounting for EMFC	EBE002A03	3	C	NL
2.1-2	Financial Management for EMFC	EBE003A02	2	C	NL
2.1-2	Interactive Skills & Developing Competen	EBE005A02	2	C	NL
2.1-2	Tax Law for EMFC	EBE004A03	3	C	NL
2.1-2	Treasury Management EMFC	EBE006A03	3	C	NL

Programme: Executive Master of Finance and Control/EMFC

Year: 2

sem	course title	code	EC	C/E	lang
1.1-2	Corporate Finance for EMFC	EBE007A04	4	C	NL
1.1-2	Corporate Law I for EMFC	EBE009A02	2	C	NL
1.1-2	Corporate Law I for EMFC	EBE010A02	2	C	NL
1.1-2	Management Accounting & Control I for EM	EBE008A03	3	C	NL
1.1-2	Strategic Management for EMFC	EBE011A03	3	C	NL
2.1-2	Controllership EMFC	EBE016B02	2	C	NL
2.1-2	Internal Control for EMFC: Business Info	EBE013A06	6	C	NL
2.1-2	Logistics & Operations Control for EMFC	EBE014A03	3	C	NL
2.1-2	Management Control Auditing for EMFC	EBE015A02	2	C	NL
2.1-2	Methodology for Master's Thesis EMFC	EBE023A01	1	C	NL
2.1-2	Multicultural Management for EMFC	EBE017A02	2	C	NL

Opleiding: Executive Master of Finance and Control/EMFC

Studiejaar: 3

sem	course title	code	EC	C/E	lang
1.1-2	Administrative Information Services EMFC	EBE018A03	3	C	NL
1.1-2	Internal Control for EMFC: Applications	EBE019B05	5	C	NL
1.1-2	Management Accounting & Control II for E	EBE020A03	3	C	NL
1.1-2	Management of Change (MOC) for EMFC	EBE021A02	2	C	NL
2.1-2	Master's Thesis EMFC	EBE022B14	14	C	NL

Appendix 18 Practical exercises

There are no courses with a practical component that is a condition for admission to the examination.

Appendix 19 Compulsory level of knowledge

Compulsory level of knowledge, if applicable, is mentioned in Appendix 2 to Appendix 17.

Appendix 20 Substitution and transitions regulations

Appendix 20.1 General

1. Three options can be distinguished in the substitution regulations:
 - *option 1*: with respect to content, the substitution course does not differ or differs hardly from the course in the old programme. Although, name, course code, language of instruction or semester block may have changed. In case the block has changed students can only take the substitution course in the new block; also the (resit) examination can only be taken in the new block.
 - *option 2*: the substitution course differs, in respect of content (a lot) from the course in the old programme. In that case, the student has a choice to either take the substitution course and to also take the exam in the substitution course or to take the resit examination of the course in the old programme. In 2017-2018 there will be two opportunities to take this resit. This applies only to courses offered for the last time in 2016-2017. The resit examinations for the old programme will be scheduled parallel with the regular examinations of the substitution course.
 - *option 3*: there is no substitution course replacing a course of the old programme. In that case two resit opportunities will be offered in 2017-2018 for the course of the old programme. This applies only to courses offered for the last time in 2016-2017. The resit examination periods may deviate from those of the academic year 2016-2017.
2. The notes in Appendix 20.1.1 apply to the substitution regulations of all master programmes.

Appendix 20.2 MSc Accountancy and Controlling: substitution regulation

MSc Accountancy en Controlling, profile Accountancy and profile Controlling substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 20.1)
Enterprise Risk Management EBM157A05	year 1, block 1.2 and 2.2	IT in Control EBM191A05	year 1, block 1.2 and 2.2	option 2

Appendix 20.3 MSc Accountancy and Controlling: transition regulations

Students in the master programme Accountancy and Controlling, who have already rounded off courses from the old programme can make use of the transition regulation below.

MSc Accountancy en Controlling, profile Accountancy and profile Controlling transition regulation 2017-2018		
course in NEW programma (2017-2018)	sem. 17-18	courses of OLD programme that (if completed) may replace the new course
IT in Control EBM191A05	year 1, block 1.2 and 2.2	Enterprise Risk Management EBM157A05

Appendix 20.4 MSc EORAS: substitution regulation

MSc EORAS substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 20.1)
Applied Statistics for EORAS EBM805B05	year 1, block 2.1	Applied Statistics for EORAS EBM805B05	year 1, block 1.1	option 1

Appendix 20.5 MSc Economics of Taxation: substitution regulation

Students in the master programme Economics of Taxation who began their studies in 2015-2016 or earlier, and who have not satisfied all the requirements for the programme per 1 September 2017 must make use of the following **substitution regulation** to round off their master's programme:

MSc Economics of Taxation substitution regulation 2017-2018				
course in OLD programme (2016-2017)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 20.1) or explanation
Tax Accounting EBM861B07	year 1, block 1.1-2			option 3
Onderneming en Belastingheffing 1 RGMFI01206	year 1, block 1.1	Onderneming en Belastingheffing 1 RGMFI01206	year 1, block 1.1	option 1, course can still be taken and can be rounded off
Public Choice voor FE EBM841B05	year 1, block 1.1			option 3
Onderneming en Belastingheffing 2 RGMFI01106	year 1, block 1.2	Onderneming en Belastingheffing 2 RGMFI01106	year 1, block 1.2	option 1, course can still be taken and can be rounded off
Value Based Management EBM160A05	year 1, block 1.2	Value Based Management EBM160A05	year 1, block 1.2	option 1, course can still be taken and can be rounded off
Internationaal & Europees Belastingrecht RGMFI00306	year 1, block 2.1	Internationaal & Europees Belastingrecht RGMFI00306	year 1, block 2.1	option 1, course can still be taken and can be rounded off
Law and Economics voor FE EBM105B05	year 1, block 2.1			option 3
Masterafstudeer-werkstuk Fiscale Economie EBM875A20	year 1, block 2.1-2	Masterafstudeer-werkstuk Fiscale Economie EBM875A20	year 1, block 2.1-2	option 1, MSc Economics of Taxation thesis can be rounded off

Appendix 20.6 MSc Human Resource Management: transition regulation has ended

Students from the MSc HRM programme who started their studies before September 2016 had two options:

- they were allowed to graduate according to the new programme that starts from the academic year 2016-2017, *or*.
- they were allowed to graduate according to the old program until 1 September 2017. From 1 September 2017, students can only graduate according to the new program that has started from the academic year 2016-2017.

Appendix 20.7 MSc International Financial Management: substitution regulation

MSc IFM substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 20.1)
Research Methods in Finance EBM070A05	year 1, block 1.1	Empirical Methods for MSc IFM EBM199A05	year 1, block 1.1 and 2.1	option 2
International Corporate Finance EBM098A05	year 1, block 1.2	Financial Management for Multinationals EBM200A05	year 1, block 1.1	option 2

Appendix 20.8 MSc International Financial Management: transition regulation

MSc IFM transition regulation 2017-2018		
course in NEW programma (2017-2018)	sem. 17-18	courses of OLD programme that (if completed) may replace the new course
Empirical Methods for MSc IFM EBM199A05	year 1, block 1.1 and 2.1	Research Methods in Finance EBM070A05
Financial Management for Multinationals EBM200A05	year 1, block 1.1	International Corporate Finance EBM098A05

Appendix 20.9 Executive Master of Accountancy: substitution regulation

In academic year 2016-2017 the first year of the new 2-year Executive Master of Accountancy (EMA) was offered for the first time. For both the old and the new programmes the starting point is that students, who successively round off a bachelor programme in accountancy (BSc Accountancy or BSc Bedrijfskunde – profile A&C), the MSc A&C profile Accountancy and the post-initial accountants programme at the RUG, comply with the learning outcomes as determined by the Committee of Learning Outcomes (CEA) for accountants programmes in the Netherlands. This means that the alignment between the BSc, the MSc programme and the EMA is of great importance to the realisation of these national CEA learning outcomes.

To be able to enter into the EMA students must have rounded off all specific accountancy programmes in the bachelor and master programmes. This will be assessed by the

EMA programme director.

For the intake into the EMA two categories are to be distinguished from 1 September 2016:

1. students with the new programme MSc A&C, profile Accountancy;
2. students with the old programme MSc A&C, profile Accountancy.

For category 1 the rule is that they can be admitted directly into the new EMA programme. The same holds for category 2, however, these students must – in order to be able to satisfy the CEA learning outcomes – take the course Auditing Theory (EBM156A05) in addition to the new EMA programme in the first year in block 1.1 and take its regular exams.

For students of HBO BE who entered via the Pre-MSc programme the rule is that, additionally, they must take the course Auditing Practices (EBB097A05) either in the Master or the EMA programme.

From September 2016 onwards all students who enter the EMA must take the new EMA programme.

From 1 September 2016 the old EMA programme no longer runs. For those students wishing to graduate from the old programme the following substitution regulation applies. Graduating from the old EMA programme is possible till 1 September 2018.

From 1 September 2016 all students who enrol for the EMA must follow the new EMA programme.

EMA substitution regulation 2017-2018				
course in OLD programme (2016-17)	sem. 16-17	substitution course(s) 2017-2018	sem. 17-18	option (see App 20.1)
Auditing III EBE808A10	year 1, block 1.1	Auditing Theory EBM156A05 Audit & Assurance I EBE028A05	year 1, block 1.1 and block 2.2	option 1
Internal control EMA: Toepassingen EBE801A05	year 1, block 1.1	IC AIS Comprehensive Design EBE025A10	year 1, block 1.1	option 1
Externe Verslaggeving EBE803A20	year 1, block 2.2 and year 2, block 1.2	Externe Verslaggeving Research EBE024A05 Externe Verslaggeving for Accountants EBE030A15	year 1, block 2.2 and year 2, block 1.1	option 1
Auditing IV EBE809A05	year 2, block 1.1-2	Audit & Assurance II EBE031A05	year 2, block 1.2	option 1

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Afronding Accountancy EBE807A15	year 2, block 1.2-2.1	IC-CG Portfolio deel I EBE027A03 CG-AA Portfolio deel II EBE029A02 Afronding Accountancy Portfolio deel III EBE032A06 Afronding Accountancy mondeling EBE033A04	year 2, block 1.2- 2.2	option 1
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Appendix 20.10 Executive Master of Accountancy: transition regulation

Students in the master programme Executive Master of Accountancy, who have already rounded off courses from the old programme can make use of the transition regulation below.

Executive Master of Accountancy transition regulation 2017-2018		
course in NEW programma (2017-2018)	sem. 17-18	courses of old programme that (if completed) may replace the new course
Auditing Theory EBM156A05 Audit & Assurance I EBE028A05	year 1, block 1.1 and block 2.2	Auditing III EBE808A10
IC AIS Comprehensive Design EBE025A10	year 1, block 1.1	Internal control EMA: Toepassingen EBE801A05
Externe Verslaggeving Research EBE024A05 Externe Verslaggeving for Accountants EBE030A15	year 1, block 2.2 and year 2, block 1.1	Externe Verslaggeving EBE803A20
Audit & Assurance II EBE031A05	year 2, block 1.2	Auditing IV EBE809A05
IC-CG Portfolio deel I EBE027A03 CG-AA Portfolio deel II EBE029A02 Afronding Accountancy Portfolio deel III EBE032A06 Afronding Accountancy mondeling EBE033A04	year 2, block 1.2- 2.2	Afronding Accountancy EBE807A15

Appendix 21 MSc Teaching Economics and Business Studies

Explanation of abbreviations used in the degree programme overviews below:
 C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

The Master's degree programme in Teaching Economics and Business Studies consists of the following courses (with study load in ECs):

Programme: MSc Teaching Economics and Business Studies

Year: 1

sem	course title	code	EC	C/E	lang
1.1-2	master's course(s) FEB		30	C	EN
2.1-2	Basiscursus Master Lerarenopleiding	ULOM1005AL	5	C	NL
2.1-2	Masterstage 1 Leraar economie-M&O	ULOM1105EC	5	C	NL
2.1-2	master's course(s) FEB		20	C	EN

NB	It is recommended to take the course 'Introductie Lerarenopleiding' (EBB816B05) during the Bachelor's phase.
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Programme: MSc Teaching Economics and Business Studies

Year: 2

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	master's course(s) FEB		10	C	EN
1.1-2	Masterstage 2 Leraar economie-M&O	ULOM1215EC	15	C	NL
1.1	Vakdidactiek 1 economie-M&O	ULOM1305EC	5	C	NL
1.2	Onderwijskunde VO	ULOM1505	5	C	NL
1.2 + 2.1	Vakdidactiek 2 economie-M&O	ULOM1405EC	5	C	NL
2.1-2	Masterstage 3 Leraar Economie-M&O	ULOM1610EC	10	C	NL
2.1-2	Onderzoek Master Lerarenopleiding	ULOM1710AL	10	C	NL

Appendix 22 Double Degree Programmes

Explanation of abbreviations used in the degree programme overviews below:
C = Compulsory; E = Elective; EG = Elective Group; lang = language; EN = English is the language of instruction; NL = Dutch is the language of instruction.

Appendix 22.1 DD MSc A&C – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Accountancy and Controlling (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc Accountancy & Controlling – Fudan University, Shanghai

Year: 1

Profile: Accountancy

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc A&C-Accountancy		60	C	EN

NB	DD-students can only start in September.				
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Programme: DD MSc Accountancy & Controlling – Fudan University, Shanghai

Year: 1

Profile: Controlling

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc A&C-Controlling		60	C	EN

NB	DD-students can only start in September.				
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Programme: DD MSc Accountancy & Controlling – Fudan University, Shanghai

Year: 2

Profile: Accountancy/Controlling

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.2 DD MSc Business Administration – Sun Yat-sen BS, Guangdong (2-year)

The English-language Double Degree programme of the MSc BA: Change Management, O&MC, SB&E, SIM (FEB) and the Master Management of the Sun Yat-sen Business School, Guangdong, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc BA-Change Man. – Sun Yat-sen BS, Guangdong
Year: 1
Profile: Change Management

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA-Change Man.		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc BA-O&MC – Sun Yat-sen BS, Guangdong
Year: 1
Profile: O&MC

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA-O&MC		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc BA-SB&E – Sun Yat-sen BS, Guangdong
Year: 1
Profile: SB&E

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA-SB&E		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc BA-SIM – Sun Yat-sen Business School, Guangdong
Year: 1
Profile: SIM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA-SIM		60	C	EN

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NB	DD-students can only start in September.
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Programme: DD MSc BA – Sun Yat-sen Business School, Guangdong

Year: 2

Profile: Change Management/O&MC/SB&E/SIM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Sun Yat-sen BS, Guangdong		60	C	EN

Appendix 22.3 DD MSc EORAS – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Econometrics, Operations Research and Actuarial Studies (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

Profile: Actuarial Studies

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc EORAS-AS		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

Profile: Econometrics

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc EORAS-Econometrics		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

Profile: Operations Research

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc EORAS-OR		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc EORAS – Fudan University, Shanghai
Year: 2
Profile: Actuarial Studies/ Econometrics/ Operations Research

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.4 DD MSc Economics – Universidad de Chile, Santiago (1.5-year)

The English-language Double Degree programme of the MSc Economics (FEB) and the MSc in Economic Analysis, of the Universidad de Chile, Santiago, Chili comprises 90 ECs and consists of the following courses and study load:

Programme: DD MSc Economics – Universidad de Chile, Santiago
Year: 1
Profile: core programme for students from Chile

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Universidad de Chile, Santiago		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Economics – Universidad de Chile, Santiago
Year: 1
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Economics		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Economics – Universidad de Chile, Santiago
Year: 2
Profile: core programme for students from Chile

sem	course title	code	EC	C/E	lang
1.1-2	electives for students from Chile		10	C	EN
1.1-2	Master's Thesis Economics	EBM877A20	20	C	EN

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Programme: DD MSc Economics – Universidad de Chile, Santiago

Year: 2

Profile: electives for students from Chile

sem	course title	code	EC	C/E	lang
2.1	Applied Microeconometrics	EBM110A05	5	E	EN
2.1	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Public Economics and Social Policy	EBM108A05	5	E	EN

NB	Students choose 5 EC from the list of electives for students from Chile. Electives similar to courses students have already taken in Chile are excluded.
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Programme: DD MSc Economics – Universidad de Chile, Santiago

Year: 2

Profile: core programma for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2	Study at Universidad de Chile, Santiago		30	C	EN

Appendix 22.5 DD MSc Economics – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Economics (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc Economics – Fudan University, Shanghai

Year: 1

Profile: core programme DD MSc Economics - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Economics		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Economics – Fudan University, Shanghai

Year: 2

Profile: core programme DD MSc Economics - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.6 DD MSc Finance – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Finance (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc Finance – Fudan University, Shanghai

Year: 1

Profile: core programme DD MSc Finance - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Finance		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Finance – Fudan University, Shanghai

Year: 2

Profile: core programme DD MSc Finance - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.7 DD MSc Finance – Lund University, Lund (1.5-year)

The English-language Double Degree programme of the MSc Finance (FEB) and the MSc in Finance of the the Lund University, Lund, Sweden comprises 90 ECs and consists of the following courses and study load:

Programme: DD MSc Finance – Lund University, Lund
Year: 1
Profile: core programme (start Groningen)

sem	course title	code	EC	C/E	lang
1.1	Corporate Finance for MSc Finance	EBM008B05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	C	EN
1.2	Derivative Instruments	EBM068A05	5	C	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	C	EN
2.1-2	Master's Thesis Finance	EBM866B20	20	C	EN
1.2	• Energy & Finance <i>or</i>	EBM166A05	5	EG	EN
1.2	• International Financial Reporting <i>or</i>	EBM045B05	5	EG	EN
1.2	• Responsible Finance and Investing	EBM071A05	5	EG	EN
2.1	• Institutional Investment Management <i>or</i>	EBM822A05	5	EG	EN
2.2	• Behavioural Finance & Personal Investing <i>or</i>	EBM806B05	5	EG	EN
2.2	• Corporate Governance for MSc Finance <i>or</i>	EBM811C05	5	EG	EN
2.2	• Finance and Development	EBM069A05	5	EG	EN

NB	Students choose 5 EC from the elective group (EG) semester 1 and 5 EC from the elective group (EG) semester 2.
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Programme: DD MSc Finance – Lund University, Lund
Year: 1
Profile: core programme (start Lund)

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Lund University, Lund		60	C	EN

Programme: DD MSc Finance – Lund University, Lund
Year: 2
Profile: core programme (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2	electives at Lund University, Lund		30	C	EN

Programme: DD MSc Finance – Lund University, Lund**Year:** 2**Profile:** core programme (start Lund)

sem	course title	code	EC	C/E	lang
1.1	Corporate Finance for MSc Finance	EBM008B05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	• Advanced Industrial Organization <i>or</i>	EBM826A05	5	EG	EN
1.1	• Business Ethics <i>or</i>	EBM043A05	5	EG	EN
1.1	• Competitiveness of Firms and Nations <i>or</i>	EBM092A05	5	EG	EN
1.1	• Growth and Development Policies <i>or</i>	EBM095A05	5	EG	EN
1.1	• International Banking and Finance	EBM096A05	5	EG	EN
1.2	• Corporate Valuation for MSc Finance <i>and/or</i>	EBM007C05	5	EG	EN
1.2	• Energy & Finance <i>and/or</i>	EBM166A05	5	EG	EN
1.2	• International Financial Reporting <i>and/or</i>	EBM045B05	5	EG	EN
1.2	• Responsible Finance and Investing	EBM071A05	5	EG	EN
NB	Students choose 5 EC from election group (EG) semester 1.1 and 15 EC from election group (EG) semester 1.2.				

Appendix 22.8 DD MSc Finance – UAIC of Iasi, Romania (2-year)

The English-language Double Degree programme of the MSc Finance (FEB) and the MSc in Finance and Risk Management of the Alexandru Ioan Cuza University, Iasi, Romania comprises 120 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc Finance – UAIC of Iasi, Romania**Year:** 1**Profile:** core programme for students from Iasi

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at UAIC, Iasi		60	C	EN

Programme: DD MSc Finance – UAIC of Iasi, Romania**Year:** 2**Profile:** core programme for students from Iasi

sem	course title	code	EC	C/E	lang
1.1	Corporate Finance for MSc Finance	EBM008B05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	C	EN
1.2	Derivative Instruments	EBM068A05	5	C	EN
1.2	Responsible Finance and Investing	EBM071A05	5	C	EN
2.1-2	Master's Thesis Finance	EBM866B20	20	C	EN

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2.1	• Banking, Insurance and Risk Management <i>and/or</i>	EBM067A05	5	EG	EN
2.1	• Institutional Investment Management <i>and/</i>	EBM822A05	5	EG	EN
2.2	<i>or</i> • Corporate Governance for MSc Finance	EBM811C05	5	EG	EN

NB	Students choose 10 EC from the elective group (EG).
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Appendix 22.9 DD MSc IB&M – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc IB&M (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc IB&M – Fudan University, Shanghai

Year: 1

Profile: core programme DD MSc IB&M - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc IB&M		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc IB&M – Fudan University, Shanghai

Year: 2

Profile: core programme DD MSc IB&M - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.10 DD MSc IB&M – NUBS, Newcastle (1.5-year)

The English-language Double Degree programme of the MSc IB&M (FEB) and the MSc in Advanced International Business Management & Marketing of the Newcastle University Business School, Newcastle, UK comprises 90 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc IB&M – NUBS, Newcastle
Year: 1
Profile: core programme (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2	electives DD IB&M - NUBS (st Gron)		10	C	EN
1.1	International Business Strategy (MSc)	EBM088A05	5	C	EN
1.1	Managing Cultural Differences	EBM190A05	5	C	EN
1.2	Comparative Environmental Analysis	EBM084B05	5	C	EN
1.2	International Strategic Alliances	EBM090A05	5	C	EN
2.1-2	study at NUBS, Newcastle		30	C	EN

Programme: DD MSc IB&M – NUBS, Newcastle
Year: 1
Profile: electives DD MSc IB&M - NUBS (start Groningen)

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	International Corporate Finance	EBM098A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Operations Management in Proc. Industry	EBM725C05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN

Programme: DD MSc IB&M – NUBS, Newcastle
Year: 1
Profile: core programme (start Newcastle)

sem	course title	code	EC	C/E	lang
1.1-2	study at NUBS, Newcastle		30	C	EN
2.1-2	electives DD IB&M - NUBS (st Newc)		5	C	EN
2.1	Comparative Environmental Analysis	EBM084B05	5	C	EN

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2.1	International Business Strategy (MSc)	EBM088A05	5	C	EN
2.2	Research Seminar for IB&M	EBM718B05	5	C	EN
2.2	• Corporate Soc.Resp.&Global Value Chain <i>or</i> • Emerging Markets (MSc)	EBM149A05	5	EG	EN
2.2		EBM085A05	5	EG	EN

NB	Students choose 5 EC from the elective group (EG) and 5 EC from the electives list (see below).
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Programme: DD MSc IB&M – NUBS, Newcastle
Year: 1
Profile: electives DD MSc IB&M - NUBS (start Newcastle)

sem	course title	code	EC	C/E	lang
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Behavioural Perspectives on Corp. Gov.	EBM023A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Entrepreneurship	EBM089A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Programme: DD MSc IB&M – NUBS, Newcastle
Year: 2
Profile: core programme (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2	elective DD MSc IB&M - NUBS (st Gron)		5	C	EN
1.1-2	Master's Thesis IB&M - DD Newcastle	EBM091A25	25	C	EN

NB	If students write their thesis in Newcastle they must do the 5 EC elective course in semester 1 of year 1 (instead of semester 1 of year 2).
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Programme: DD MSc IB&M – NUBS, Newcastle
Year: 2
Profile: core programme (start Newcastle)

sem	course title	code	EC	C/E	lang
1.1-2	elective DD MSc IB&M - NUBS (st Newc)		5	C	EN
1.1-2	Master's Thesis IB&M - DD Newcastle	EBM091A25	25	C	EN

Appendix 22.11 DD MSc IE&B – Corvinus University, Boedapest (2-year)

The English-language Double Degree programme of the MSc IE&B (FEB) and the MA in International Economy and Business of the Corvinus University, Budapest, Hungary comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc IE&B – Corvinus University, Budapest
Year: 1
Profile: core programme for students from Budapest

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at CUB, Budapest		60	C	EN

Programme: DD MSc IE&B – Corvinus University, Budapest
Year: 1
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1	Competitiveness of Firms and Nations	EBM092A05	5	C	EN
1.1	electives A or B DD MSc IE&B - CUB		5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.2	electives A or B DD MSc IE&B - CUB		10	C	EN
1.2	Research Seminar for IE&B	EBM846B05	5	C	EN
2.1-2	study at CUB, Budapest		30	C	EN

Programme: DD MSc IE&B – Corvinus University, Budapest
Year: 1
Profile: electives A DD MSc IE&B - CUB

sem	course title	code	EC	C/E	lang
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Global Finance and Growth	EBM150A05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN

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NB	<p>Students choose 5 EC of electives A DD MSc IE&B - CUB and 10 EC of electives B DD MSc IE&B - CUB;</p> <p>Students from FEB can take electives in semester 1 of year 1 and/or in semester 2 of year 2;</p> <p>Students from Budapest take electives in year 2;</p> <p>Students focusing on 'Globalization, Growth and Development' have to take the following electives from the A-selection: Growth and Development Policies (EBM095A05), Trade, Environment and Growth (EBM097A05), Economic Geography (EBM094A05) and Country Studies (EBM093A05);</p> <p>Students focusing on 'International Capital and Globalization' have to take the following electives from the A-selection: International Banking and Finance (EBM096A05), Global Finance and Growth (EBM150A05) and Country Studies (EBM093A05);</p> <p>Students choosing 'Globalization, Growth and Development' or 'International Capital and Globalization' receive a notification on the supplement to their degree, indicating that in their master studies they have specialized in one of these two focus areas.</p>
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Programme: DD MSc IE&B – Corvinus University, Budapest

Year: 1

Profile: electives B DD MSc IE&B - CUB

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	International Business Strategy (MSc)	EBM088A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Comparative Environmental Analysis	EBM084B05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	International Risk Analysis and Research	EBM099B05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Managerial Decision Making and Control	EBM027A05	5	E	EN
1.2	Marketing Essentials	EBM169A05	5	E	EN
1.2	Money, Finance and the Economy	EBM164A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Conflict Man. & Industrial Relations	EBM673A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	International Business Strategy (MSc)	EBM088A05	5	E	EN
2.1	Korea in the East Asian Region	EBM162A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Comparative Environmental Analysis	EBM084B05	5	E	EN
2.2	Corporate Soc.Resp. & Global Value Chain	EBM149A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN

2.2	International Entrepreneurship	EBM089A05	5	E	EN
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NB	<p>In addition to the electives mentioned in electives A students focusing on ‘Globalization, Growth and Development’ have to take one of the following electives: Economic Growth in History (EBM101A05), Finance and Development (EBM069A05) or Global Finance and Growth (EBM150A05, see electives MSC IE&B A);</p> <p>In addition to the electives mentioned in electives A students focusing on ‘International Capital and Globalization’ have to take two of the following electives: Money, Finance and the Economy (EBM164A05), Monetary Policy and Financial Regulation (EBM107A05) or Finance and Development (EBM069A05);</p> <p>Students choosing ‘Globalization, Growth and Development’ or ‘International Capital and Globalization’ receive a notification on the supplement to their degree, indicating that in their master studies they have specialized in one of these two focus areas.</p>
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Programme: DD MSc IE&B – Corvinus University, Budapest

Year: 2

Profile: core programme for students from Budapest

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc IE&B		60	C	EN

Programme: DD MSc IE&B – Corvinus University, Budapest

Year: 2

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2	study at CUB, Budapest		30	C	EN
2.1-2	Master’s Thesis IE&B	EBM868A20	20	C	EN
2.1	electives A or B DD MSc IE&B - CUB		10	C	EN

Appendix 22.12 DD MSc IE&B – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc IE&B (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc IE&B – Fudan University, Shanghai

Year: 1

Profile: core programme DD MSc IE&B - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc IE&B		60	C	EN

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Programme: DD MSc IE&B – Fudan University, Shanghai
Year: 2
Profile: core programme DD MSc IE&B - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.13 DD MSc IE&B – Georg-August University, Göttingen (2-year)

The English-language Double Degree programme of the MSc IE&B (FEB) and the MA in International Economics, specialization Development Economics of the Georg-August University, Göttingen, Germany comprises 120 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc IE&B – Georg-August University, Göttingen
Year: 1
Profile: core programme DD MSc IE&B -Göttingen

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Georg-August University, Göttingen		60	C	EN

Programme: DD MSc IE&B – Georg-August University, Göttingen
Year: 2
Profile: core programme DD MSc IE&B -Göttingen

sem	course title	code	EC	C/E	lang
1.1	Competitiveness of Firms and Nations	EBM092A05	5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.1	Growth and Development Policies	EBM095A05	5	C	EN
1.2	Research Seminar for IE&B	EBM846B05	5	C	EN
1.2	Trade, Environment and Growth	EBM097A05	5	C	EN
1.2	• International Risk Analysis and Research or	EBM099B05	5	EG	EN
1.2	• International Strategic Alliances or	EBM090A05	5	EG	EN
1.2	• Responsible Finance and Investing	EBM071A05	5	EG	EN
2.1-2	Master's Thesis IE&B	EBM868A20	20	C	EN
2.1	Country Studies	EBM093A05	5	C	EN
2.1	International Business Strategy (MSc)	EBM088A05	5	C	EN

NB	Students choose 5 EC from the elective group (EG).
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Appendix 22.14 DD MSc IE&B – Lund University, Lund (2-year)

The English-language Double Degree programme of the MSc IE&B (FEB) and the MSc in Economic Development and Growth of the Lund University, Lund, Sweden comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc IE&B – Lund University, Lund
Year: 1
Profile: core programme DD MSc IE&B -Lund

sem	course title	code	EC	C/E	lang
1.1	Competitiveness of Firms and Nations	EBM092A05	5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.1	Growth and Development Policies	EBM095A05	5	C	EN
1.2	Research Seminar for IE&B	EBM846B05	5	C	EN
1.2	Trade, Environment and Growth	EBM097A05	5	C	EN
1.2	<ul style="list-style-type: none"> • Economic Growth in History <i>or</i> • Global Finance and Growth <i>or</i> • Finance and Development 	EBM101A05	5	EG	EN
1.2		EBM150A05	5	EG	EN
2.2		EBM069A05	5	EG	EN
2.1-2	Master's Thesis IE&B	EBM868A20	20	C	EN
2.1	Country Studies	EBM093A05	5	C	EN
2.1	Economic Geography	EBM094A05	5	C	EN

NB	Students choose 5 EC from the elective group (EG).
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Programme: DD MSc IE&B – Lund University, Lund
Year: 2
Profile: core programme DD MSc IE&B -Lund

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Lund University, Lund		60	C	EN

Appendix 22.15 DD MSc IFM – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc IFM (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc IFM – Fudan University, Shanghai

Year: 1

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1	Financial Management for Multinationals	EBM200A05	5	C	EN
1.1	International Man. Accounting & Control	EBM662A05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
1.1-2 + 2.1-2	electives MSc IFM		10	C	EN
1.2	Int. Fin. Institutions and Governance	EBM198A05	5	C	EN
1.2	International Financial Reporting	EBM045B05	5	C	EN
1.2	International Risk Analysis and Research	EBM099B05	5	C	EN
2.1-2	Master's Thesis IFM	EBM022A20	20	C	EN

NB	DD-students can only start in September; Students choose 10 EC from 'electives MSc IFM'.
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Programme: DD MSc IFM – Fudan University, Shanghai

Year: 1

Profile: electives MSc IFM

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN

2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN

Programme: DD MSc IFM – Fudan University, Shanghai

Year: 2

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.16 DD MSc IFM – Uppsala University, Uppsala (1.5-year)

The English-language Double Degree programme of the MSc IFM (FEB) and the MSc in Business and Economics of Uppsala University, Uppsala, Sweden comprises 90 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc IFM – UU, Uppsala

Year: 1

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1	Financial Management for Multinationals	EBM200A05	5	C	EN
1.1	International Man. Accounting & Control	EBM662A05	5	C	EN
1.1	Research Methods in Finance	EBM070A05	5	C	EN
1.2	Int. Fin. Institutions and Governance	EBM198A05	5	C	EN
1.2	International Financial Reporting	EBM045B05	5	C	EN
1.2	International Risk Analysis and Research	EBM099B05	5	C	EN
2.1-2	study in Uppsala		30	C	EN

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Programme: DD MSc IFM – UU, Uppsala
Year: 2
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2	electives for students from FEB		10	C	EN
1.1-2	Master's Thesis IFM	EBM022A20	20	C	EN

Programme: DD MSc IFM – UU, Uppsala
Year: 2
Profile: electives for students from FEB

sem	course title	code	EC	C/E	lang
1.1	Business Ethics	EBM043A05	5	E	EN
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Competitiveness of Firms and Nations	EBM092A05	5	E	EN
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Growth and Development Policies	EBM095A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.1	IT Governance	EBM048A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Process Innovation and Change	EBM044A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Economic Growth in History	EBM101A05	5	E	EN
1.2	International Strategic Alliances	EBM090A05	5	E	EN
1.2	Responsible Finance and Investing	EBM071A05	5	E	EN
1.2	Strategic Management of Inf. Technology	EBM051B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Geography	EBM094A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy and Financial Regulation	EBM107A05	5	E	EN
2.1	Working Capital Management	EBM645A05	5	E	EN
2.2	Behavioural Finance & Personal Investing	EBM806B05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Finance and Development	EBM069A05	5	E	EN
2.2	Franchising	EBM046A05	5	E	EN

Appendix 22.17 DD MSc Marketing – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Marketing (FEB) and the MSc in Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 ECs and consists of the following courses and study load:

Programme: DD MSc Marketing – Fudan University, Shanghai

Year: 1

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Marketing – Fudan University, Shanghai

Year: 2

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 22.18 DD MSc Marketing, profile MI – Münster University, Münster (2-year)

The English-language Double Degree programme of the MSc Marketing, profile Marketing Intelligence (FEB) and the MSc in Business Administration (Marketing and Finance) of the Münster University School of Economics and Business comprises 120 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc Marketing, profile Marketing Intelligence – Münster University, Münster
Year: 1
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing-Intelligence		60	C	EN

NB	DD-students can only start in September.
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Programme: DD MSc Marketing, profile Marketing Intelligence – Münster University, Münster
Year: 1
Profile: core programme for students from Münster

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Münster University, Münster		60	C	EN

Programme: DD MSc Marketing, profile Marketing Intelligence – Münster University, Münster
Year: 2
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Münster University, Münster		60	C	EN

Programme: DD MSc Marketing, profile Marketing Intelligence – Münster University, Münster
Year: 2
Profile: core programme for students from Münster

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives for students from Münster		10	C	EN
1.1	Data Science and Marketing Analytics	EBM165A05	5	C	EN
1.1	Strategic Marketing for MSc Marketing	EBM081B05	5	C	EN
1.2	Consumer Psychology	EBM074A05	5	C	EN

1.2	Digital Marketing Intelligence	EBM079B05	5	C	EN
1.2	Market Models	EBM077A05	5	C	EN
2.1-2	Master's Thesis Marketing	EBM867B20	20	C	EN
2.2	Customer Models	EBM076A05	5	C	EN

NB	Students choose 10 EC from 'electives for students from Münster'; Students can also choose 'Strategic Marketing for MSc Marketing' in semester 2.1; Students can also choose 'Consumer Psychology' in semester 2.2.
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Programme: DD MSc Marketing, profile Marketing Intelligence – Münster University, Münster

Year: 2

Profile: electives for students from Münster

sem	course title	code	EC	C/E	lang
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Brand & Product Management	EBM073A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
2.1	Customer Management	EBM075A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN

Appendix 22.19 DD MSc Marketing, profile Marketing Intelligence – BI, Oslo (2-year)

The English-language Double Degree programme of the MSc Marketing, profile Marketing Intelligence (FEB) and the MSc in Strategic Marketing Management of the BI Norwegian Business School, Oslo, Norway comprises 120 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc Marketing, profile Marketing Intelligence – BI, Oslo

Year: 1

Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing-Intelligence		60	C	EN

NB	DD-students can only start in September.
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II Teaching and Examination Regulations Master's degree programmes 2017-2018

Programme: DD MSc Marketing, profile Marketing Intelligence – BI, Oslo
Year: 1
Profile: core programme for students from Oslo

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at BI, Oslo, incl. Research Paper		64	C	EN

Programme: DD MSc Marketing, profile Marketing Intelligence – BI, Oslo
Year: 2
Profile: core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at BI, Oslo, incl. Research Paper		64	C	EN

Programme: DD MSc Marketing, profile Marketing Intelligence – BI, Oslo
Year: 2
Profile: core programme for students from Oslo

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective for students from Oslo		5	C	EN
1.1	Data Science and Marketing Analytics	EBM165A05	5	C	EN
1.1	Marketing Research Methods	EBM080A05	5	C	EN
1.1	Strategic Marketing for MSc Marketing	EBM081B05	5	C	EN
1.2	Consumer Psychology	EBM074A05	5	C	EN
1.2	Digital Marketing Intelligence	EBM079B05	5	C	EN
1.2	Market Models	EBM077A05	5	C	EN
2.1-2	Master's Thesis Marketing	EBM867B20	20	C	EN
2.2	Customer Models	EBM076A05	5	C	EN

NB	Students choose 5 EC from 'electives for students from Oslo', in consultation with the programme director; Students can also choose 'Strategic Marketing for MSc Marketing' in semester 2.1; Students can also choose 'Consumer Psychology' in semester 2.2.
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Programme: DD MSc Marketing, profile Marketing Intelligence – BI, Oslo
Year: 2
Profile: electives for students from Oslo

sem	course title	code	EC	C/E	lang
1.1	Retail Marketing	EBM880A05	5	E	EN
1.2	Brand & Product Management	EBM073A05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
2.1	Customer Management	EBM075A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN

2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Economics of Regulating Markets	EBM148A05	5	E	EN
2.2	Healthcare Purchasing	EBM193A05	5	E	EN

Appendix 22.20 DD MSc TOM – NUBS, Newcastle (1.5-year)

The English-language Double Degree programme of the MSc TOM (FEB) and the MSc in Operations and Supply Chain Management of the Newcastle University Business School, Newcastle, UK comprises 90 ECs and consists of the following courses and study load in ECs:

Programme: DD MSc TOM – NUBS, Newcastle

Year: 1

Profile: core programme

sem	course title	code	EC	C/E	lang
1.1-2	study at NUBS, Newcastle		30	C	EN
2.1-2	preparation Master's Thesis			C	EN
2.1	Asset Management	EBM024A05	5	C	EN
2.1	Process Improvement and Change	EBM036B05	5	C	EN
2.1	Technology-enabled Innovation	EBM760D05	5	C	EN
2.2	Behavioural Operations Management	EBM032A05	5	C	EN
2.2	Inventory Management	EBM026A05	5	C	EN
2.2	Research Methods for TOM	EBM031A05	5	C	EN

NB	In semester 2 all students participate in the thesis preparation training module 'preparation Master's Thesis', offered in Groningen.
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Programme: DD MSc TOM – NUBS, Newcastle

Year: 2

Profile: core programme

sem	course title	code	EC	C/E	lang
1.1-2	Master's Thesis TOM-DD Newcastle	EBM028A30	30	C	EN

Appendix 23 TER MSc Teaching Economics and Business (2-year)

The Teaching and Examination Regulations for the two-year Master's degree in Teaching programmes are only available in Dutch. For the Dutch version see Onderwijs- en Examenregelingen 2017-2018.

Appendix 24 TER MSc Teaching Economics and Business (1-year)

The Teaching and Examination Regulations for the one-year Master's degree in Teaching programmes are only available in Dutch. For the Dutch version see Onderwijs- en Examenregelingen 2017-2018.

III Regulations for Theses and Pre-MSc Research papers

Section 1 Introduction

1. These regulations comprise the general rules that apply to all final theses of the Bachelor's and Master's degree programmes and the Pre-MSc programmes of the Faculty of Economics and Business (FEB).¹⁹
2. These regulations will be elaborated in a *Theses Manual* and an *Assessment Form for Bachelor's and Master's Theses*. These documents may vary from programme to programme.
3. The Thesis Manual contains further information about the requirements and procedure, subject, structure and content, and attainment targets. It also contains information about supervision and assessment.
4. The Assessment Form is a list of aspects that will be assessed for the final grade (see Section 9).
5. Both documents will be drawn up and issued through the Education Office before the start of the academic year or, for EMFC students via the programme secretariat.

Section 2 Admission and time-path²⁰

1. Students may have to comply with requirements²¹ relating to their study phase and/or subjects, or to particular skills.
2. The periods within which the thesis must be started and completed will be specified by the degree programmes.
3. In case a student, due to personal circumstances is unable to comply with the set date of rounding off then the Examination Board may grant him an extension at his request.
4. In case a student due to circumstances connected to the nature of the final project is unable to comply with the set date of rounding off then at his request the programme director may grant him an extension.

Section 3 Registration²²

Students must enrol for the thesis via ProgRESS WWW.

Section 4 Subject

1. The subject of the thesis fits in with the research of the research group with which the degree programme is linked in terms of substance. Within this framework, the subject, on the proposal of the student, will be determined in consultation with the thesis coordinator. If there is any doubt, the coordinator or programme director will decide.
2. The thesis for a Bachelor's degree and the research paper for a Pre-MSc programme usually take the form of a specific assignment, in some cases preceded by a period of preparation.

19 A thesis is a combination of assignments which, depending on the course and content, are also referred to as a final project, thesis, research paper or final assignment.

20 The executive masters have an own regulation concerning admission, and assessment. Please go to the document entitled 'Graduation regulation EMFC' which can be obtained from the programme secretariat or the EMFC website.

21 The entry requirements must be set out in the relevant Teaching and Examination Regulations (OER).

22 The executive masters have an own regulation concerning admission, and assessment. . Please go to the document entitled 'Graduation regulation EMFC' which can be obtained from the programme secretariat or the EMFC website.

Section 5 Form and structure

1. The thesis can take the form of theoretical research (e.g. a literature survey), empirical research, or an analysis of a problem relating to an organization (degree project). Degree programmes can prescribe one of these forms and/or set additional requirements.
2. There may be structural requirements relating, for example, to the title page, style, language, typography, summary, or the number of pages. If there are no such guidelines, the student must discuss these matters with the supervisor in advance.

Section 6 Learning outcomes

1. The intended learning outcomes of the thesis must correspond to the final qualifications of the programme in question.
2. The number of credits (EC) awarded for a thesis depends on the degree programme and is set out in the relevant Teaching and Examination Regulations. If the credit load for the thesis for a particular programme is allowed to vary, it must be approved beforehand by the Board of Examiners by means of the approval of the master programme as stipulated in Article 7.1.2 of the OER.
3. Completing a thesis is a measure of the student's individual ability. Students must demonstrate that they are able to work independently and professionally in terms of managing the project and dealing with relational, methodological and content-related aspects, and in terms of keeping to agreements.
4. Theses written by two or more students are only permitted if the individual contributions can be objectively assessed.

Section 7 Supervision

Article 7.1 Supervisors

The Faculty is responsible for supervising and assessing theses.

Article 7.2 Start-up procedure

The credit load (in ECs) and length (minimum and maximum number of pages) of the thesis must be agreed, and a supervisor appointed, before the project's start date. Further programme specific requirements with regard to the procedure for appointing a supervisor may be stipulated.

Article 7.3 Form of the supervision

Supervision of a thesis consists, at least, of an intake interview, an assessment of the problem definition and/or research approach, the assessment of one or more interim reports and the final draft.

Article 7.4 Co-assessor

A co-assessor is appointed for every thesis. Co-assessors are appointed in consultation with the supervisor and programme coordinator, programme director or thesis committee.

Article 7.5 Feedback

When the student submits a piece of work according to the agreement, the supervising lecturer provides feedback within 10 working days.

Section 8 Assessment procedure

Article 8.1 Bachelor's thesis and Pre MSc Research paper

1. A thesis for a Bachelor's degree or a research paper for a Pre MSc programme can be integrated in a practical or a seminar.
2. The supervisor²³ and co-assessor will assess the thesis independently. The grade is determined on the basis of the work that is submitted on the pre-determined final date according to pre-determined assessments aspects (see Section 9).
3. In case of a dissenting assessment by the supervisor and the co-assessor, the final decision will be made by a third lecturer, who will be approached as an independent party by the programme coordinator or programme director.
4. The co-assessor assesses the aspects listed under Section 9. In case of an oral defense, the co-assessor may require the student to make additional amendments to the thesis before the oral examination takes place.
5. A student shall be given one opportunity for reparation, in case the final project is assessed as being insufficient, within a period determined by the organization. . Reparation can only result in an adjustment of the grade of not higher than a six. Should the final project still be insufficient, then a student must enrol again for the final project.

Article 8.2 Master's thesis

1. The supervisor and co-assessor will assess the thesis. The grade is determined on the basis of the work that is submitted on the pre-determined final date.
2. The student will have the opportunity to defend his work. After the defense the grade is determined by the supervisor and co-assessor.
3. The student will receive the date of the oral examination, or the request for additional amendments, no later than 15 working days after submission of the complete draft, unless otherwise agreed in advance due to urgent circumstances.
4. The supervisor and co-assessor will both attend the oral examination. If an external internship/project supervisor is involved, he or she may be required to attend, but only in an advisory capacity.
5. A student shall be given one opportunity for reparation, in case the master's thesis is assessed as being insufficient , within a period determined by the organization. The definite grade is determined at the end of this period. Reparation can only result in an adjustment of the grade of not higher than a six. Should the master's thesis still be insufficient, then a student must enrol again for a master's thesis.
6. The co-assessor assesses the aspects listed under Section 9, and may require the student to make additional amendments to the thesis before the oral examination can take place.
7. In case of a dissenting assessment by the supervisor and co-assessor, the final decision will be made by a third lecturer, who will be approached as an independent party by the programme coordinator or programme director
8. Assessment takes place after an oral examination ('defence'). The date for this examination cannot be arranged until the co-assessor has submitted a positive assessment.
9. After the oral examination, the supervisor and co-assessor will agree on a grade. If they are unable to agree, an independent third party (lecturer) will make a final decision within 10 days. The student will be informed of the result immediately.

23 It is possible to appoint two supervisors. If this is the case, one of the supervisors will act as co-assessor

Section 9 Assessment aspects

Article 9.1 Bachelor's thesis and Pre MSc Research paper

1. Assessment of a thesis for a Bachelor's degree includes at least the assessment criteria, as mentioned in the Assessment Form Bachelor's Thesis.
2. The assessment criteria that are part of the form mentioned under Article 9.1.1 should all be weighed up and reflected in the final grade. Individual programmes may refine or emphasise these aspects, and may add weightings if necessary.
3. The assessment may include an oral examination or presentation, but this must have no more than a marginal influence on the final grade.

Article 9.2 Master's thesis

1. Assessment of a thesis for a Master's degree includes at least the assessment criteria, as mentioned in the Assessment Form Master's Thesis.
2. The assessment criteria that are part of the form mentioned under Article 9.2.1 should all be weighed up and reflected in the final grade. Individual programmes may refine or emphasise these aspects, and may add weightings if necessary.
3. If the student completes a thesis at an external organization or company, the university supervisor can consult the external supervisor when assessing the aspect relating to how the research was carried out in practice.
4. The assessment includes an oral examination or presentation, but this must have no more than a marginal influence on the final grade.

Section 10 Involvement of external parties in research

1. The nature of the research may mean that it is necessary or useful to involve external parties. This involvement can range from making information available to formulating a research assignment. If the third party attaches conditions to the use of the information or to the results of the research, the student must make sure that these do not prevent him or her from fulfilling the course requirements. Agreements relating to matters such as disclosure must conform to these regulations (see Section 12). Contracts with external organizations must be submitted in advance to the Faculty for approval.²⁴
2. If a student in the context of his final project is on an internship with an external party he is obliged to conclude a final project contract via the Career Office.
3. Responsibility for supervising the student rests exclusively with the Faculty. The Faculty supervises the research as a learning process, and assesses the research process and its outcome according to current academic standards. The student is responsible for carrying out the research and for maintaining relations with external parties.
4. The University of Groningen (RUG) has taken out liability insurance²⁵ to cover its liability as a university and to cover the liability of its students during traineeships (except traineeships in the United States and Canada). The excess for damage to property is € 2,500 per claim. The excess for damage to persons is € 25,000 per claim.

24 The Faculty requires that a contract be drawn up with any external organizations that are involved in a Master's thesis.

25 This means that RUG is covered for damage incurred by its students. Students are responsible for arranging all other forms of insurance.

Section 11 Administration and archiving

The student provides a digital version of the thesis for the library. This version can be accessed via the internal catalogue only. Theses are kept in the course archive for 7 years, for visitation and accreditation purposes.

Section 12 Public domain

1. The final versions of theses are open to the public for inspection because the research and assessment must be verifiable. Therefore, a thesis must not contain confidential information. If necessary, such information may be presented to both assessors in the form of confidential appendices. However, the thesis must constitute a coherent body of work as it stands, without the confidential appendices.
2. The confidentiality of a thesis can be accepted without further conditions only if there are good reasons for doing so, and subject to the approval of the Board of Examiners. Confidential theses are only made available to the supervisor, the co-assessor, the programme director, and, if necessary, the Board of Examiners and Accreditations Committee. In all cases, such theses must be read in confidentiality. The Board of Examiners will decide on the confidential nature of the thesis in advance on the basis of the research proposal.

Section 13 Disputes

In the event of a dispute between the student and the supervisor, the relevant programme coordinator or programme director shall mediate. If a solution is not forthcoming, the Board of Examiners shall take the final decision.

Section 14 Final provisions

In cases not covered by these Regulations, the Board of Examiners shall take the final decision.

IV Regulations & Guidelines of the Board of Examiners of FEB

Rules and Regulations, as referred to in Article 7.12b, first and third Paragraphs of the Higher Education and Research Act, for all degree programmes offered by the Faculty of Economics and Business (FEB).

The Board of Examiners of the afore-mentioned programmes, hereafter the Board of Examiners, having regard to Article 7.12b, first and third Paragraphs of the Higher Education and Research Act ;

HAS DECIDED

to determine the Rules and Regulations listed below²⁶:

Article 1. Definitions

The following definitions apply to these Regulations:

OER:	the Teaching and Examination Regulations (TER) for the degree programme(s) listed in the preamble.
examinee:	a person taking an examination or final assessment.
examination:	an examination of the knowledge, understanding and skills of the student, as well as an assessment of the results of the research as a part of the final assessment.
partial examination:	an examination on a part of a course, sat at a time and place different from the usual time and place of examination.
final assessment	the final assessment for the degree programme.
student:	a person enrolled in the university for the purpose of taking courses and/or examinations leading to the conferring of a university degree.
examiner:	a person who is appointed to take the examination by the Board of Examiners on the basis of Article 7.12 of the Higher Education and Research Act (WHW).
course:	as defined in the Teaching and Examination Regulations (OER).

Article 2. The administrative duties of the Board of Examiners

1. The Board of Examiners will appoint from its members a board of at least three members, the Executive Board, that will be charged with the administrative duties of the Board of Examiners.
2. The administrative duties include:
 - a) decisions concerning approval of teaching units, within the meaning of Article 7.3.d of the WHW.
 - b) decisions concerning regulations that at the request of the student may deviate from the current provisions.
 - c) decisions concerning exemptions.
 - d) preparations to determine the results of final assessments.
 - e) determining measures in the event of an infringement of the order during an examination within the meaning of Article 7 or in the event of fraud within the

26 In case of divergencies of interpretation between the Dutch language and English language versions of the Teaching and Examination Regulations the Dutch version shall prevail.

meaning of Article 8.

3. The Executive Board of the Board of Examiners is responsible to the Board of Examiners.
4. There is a register of mandates granted by the Board of Examiners.

Article 3. Taking examinations

1. The Board of Examiners will appoint one or more examiners before any examination is taken.
2. Each examination will be a survey by the examiner of the knowledge, understanding and skills of the student, as well as an assessment of the results of that survey.
3. In the event that the same examination is held and assessed by more than one examiner, whether or not held at the same time, the Board of Examiners will ensure that the examiners all use the same assessment criteria. To this end, the assessment criteria will be set out in writing by the relevant examiners in advance. If necessary, the Board of Examiners will appoint one of the examiners to be the main examiner.
4. The examiner will ascertain whether the conditions for taking the examination have been met.

Article 4. Oral examination

With the permission of the examinees, an examiner may decide that a certain examination can be a group examination.

Article 5. Determining the result of an examination

The Board of Examiners will determine the mark for an examination.

Article 6. Registration for and participation in examinations

1. Students who have registered for one or more courses will be enrolled in the relevant examinations by the Faculty in week 4 of the teaching period in question. This enrolment will only take place if the student at the start of the teaching period in question satisfies the entrance requirements for the relevant courses. The Faculty will send the student an overview of all examinations in which the student is enrolled.
2. In week 5 of each block students have to scan check their exam registration in ProgRESS WWW. They can, even then, register for exams, provided they were entitled to participate in the relevant courses at the beginning of the block.
3. Students who are unable to sit or have failed the exam in which they were enrolled will be enrolled in the resit by the Faculty.
4. Enrolment for a (resit) exam can be cancelled in week 5 of the teaching period in question. In case the cancelling concerns an exam, the student will not be enrolled for the resit by the Faculty. The student can register himself for the resit in week 5 of the teaching period.
5. Deviating time limits hold for resits after the second block of the second semester, which will be determined and communicated timely by the educational office.
6. At the examination, students must submit proof of registration at the request of the examiner.
7. If students do not comply with the registration period for examinations as set out above, they will be considered not to have taken the examination, unless the Board of Examiners decides on a written request of the student otherwise.

Article 7. Maintaining order during written examinations

1. At least one examiner will be present in the examination hall for the entire examination. The examiner is responsible for the course of events, prior to, during and after the examination. The Board of Examiners will ensure that invigilators are appointed to supervise written examinations; they will ensure that the examination proceeds in good order. The examiner is in charge of the invigilators: The invigilator receives instructions about his/her duties and the course of events during the examination from the examiner.
2. In principle, only those students who are registered for an examination in accordance with the prescribed method (see Article 6) can take a written examination.
3. If the Student Administration Office discovers that a student was not entitled to participate in an examination the student will be considered not to have taken the examination, unless the Board of Examiners decides otherwise at the written request of the student.
4. Students must be in the examination hall in good time. No student may leave the hall within the first 30 minutes from the start of any examination. During this period, students who arrive late may still be admitted to the examination. Once a participant has left the examination hall, no further students may be admitted to the examination.
5. Examinees must obey the instructions of the Board of Examiners or the examiner which will be published before the start of the final assessment or the examination, as well as instructions given during or immediately after the examination or final assessment.
6. If an examinee ignores one or more of the instructions referred to in Article 7.4, then he may be excluded from further participation in the examination in question by the Board of Examiners or the examiner. Exclusion means that no result will be given for that examination. Before the Board of Examiners or the examiner makes a decision to exclude a student, they will hear the student.
7. During the examination, all question and answer sheets as well as all jotting paper must remain within the examination hall and be handed in at the end of the examination, unless the examiner decides otherwise. It is not permitted to copy out the question and answer sheets or the jotting paper during the examination.
8. No items other than the following may be on the table in the examination hall and within reach of the student: proof of registration for the examination, a student card, the examination paper, an answer sheet or score form, any jotting paper provided, writing utensils, a calculator (see Article 7.9), and subject to prior permission Acts or reference materials. In open-book examinations, students are permitted to consult books recommended by the examiner.
9. During the examination, only calculators approved by the Board of Examiners may be used, unless otherwise specified by the examiner on the front page of the exam sheet. Use of a non-approved calculator will be considered fraud and will be dealt with accordingly.
10. Invigilators have to check calculators and the like.
11. Mobile telephones and similar electronic communication devices, as well as any kind of information carrier that can carry or does carry material that can be used for fraudulent purposes, must be switched off and must not be within reach of the student, unless otherwise indicated by the examiner on the front page of the exam sheet. Anyone found with such a device will be excluded from the exam and may be charged with fraud.
12. When fraud during the exams is suspected the student will be informed of this suspicion. The examiner may search items belonging to the student with a view to

proving fraud. These items may be seized if as a result of this investigation proof of fraud is found.

13. Making contact with fellow-students in any form is prohibited for the duration of the exam.
14. Examiners and invigilators are authorised and required to determine the identity of the people in the examination hall, in the first place on the basis of a student card. They must ensure that the identity corresponds with the name on the proof of registration and on the examination sheet. If a student cannot identify himself by means of a valid identification²⁷, then the examination will be declared invalid unless, upon the written request of a student, the Board of Examiners decides otherwise.
15. Visiting the toilet or leaving the exam hall for any other reason for a short period of time is only permitted under supervision and only in case of medical necessity, as evidenced by a doctor's certificate submitted to the study advisor in advance. Leaving the exam hall due to a medical necessity is, in any case, subject to prior approval by the examiner of the exam.
16. If a student violates the rules formulated here, or in any other manner disturbs order during the examination, he can be excluded from further participation in the examination by the examiner present. The examiner reports the exclusion promptly after the examination to the Board of Examiners. The examination paper submitted by the student will not be assessed, unless the Board of Examiners decides otherwise. The Board of Examiners decides on possible further sanctions.
17. In exceptional circumstances the examiner can deviate from the provisions of Article 7.1 to Article 7.16.

Article 8. Fraud

1. Fraud is taken to mean an act or omission by a student that fully or partly hinders the determination of a correct assessment of his or of fellow student(s) knowledge, understanding and skills. Fraud is also taken to mean falsifying or omitting data with the view to influencing the outcome of the research (data fraud).
2. Plagiarism is taken to mean: copying the work of another without correct reference to the source.²⁸ If copying the work of another results in complete or partial impediment to the determination of a correct assessment of knowledge, understanding and skills then this will be taken to be fraud.
3. The Board of Examiners takes measures to prevent fraudulent activities.
4. In case of fraud by a student, the Board of Examiners may deny the student the right, for a period of no more than one year, to take part in one or more designated exams. Substitute exams taken and passed elsewhere during the period of the ban shall not be recognised. In case of serious fraud, the Board of Examiners, may request the Board of the University to peremptorily terminate the fraudster's registration in the degree programme.
5. In the case of fraud found by the examiner of the course in question, the examiner shall submit a report of the fraud to the Board of Examiners. This report must at least state the manner in which the fraud was found and the reasons why the examiner defines the act or omission as fraud.

27 Valid passport, national identity card or driving licence

28 Examples of plagiarism are:

- using texts written by others without reference to the source;
- copying the structure of texts written by others or using other people's ideas without reference to the source;
- not clearly indicating that sections of your text are literal or virtually literal quotations;
- submitting the same or similar papers for different assignments.

6. If a suspicion of fraud is alleged by another than the examiner of the course in question, then the Secretary of the Board of Examiners must investigate the allegation of fraud. He reports his findings to the managing committee of the Board of Examiners.
7. In case of alleged fraud as stated by the examiner of the course in question, the Secretary of the Board of Examiners on behalf of the Board of Examiners, shall decide whether or not the student is to be accused of fraud based on the alleged fraud as stated in the examiner's report.
8. If the allegation is expressed by another than the examiner of the course in question, the management committee of the Board of Examiners decides, based on the allegation as stated by the Secretary of the Board of Examiners, whether or not the student will be accused of fraud.
9. If a student is accused of having committed fraud by the Board of Examiners, the student in question shall be immediately informed of the charge. In its charge the Board of Examiners shall deal with the nature of and the reasons for the charge. Also, the charge will have attached to it the report as the basis of the charge.
10. Before the Board of Examiners decides to implement sanctions as per Paragraph 4, the Board will give the student an opportunity to be heard in respect of the allegation. It is up to the Board of Examiners whether or not this defence is to take place in writing.
11. Students are at all times responsible for the work to which they claim (co-) authorship. At the same time a student is at all times responsible for the work that is submitted in his name or also in his name. If a work is written by a team all members of the group are liable in case of fraud. In exceptional circumstances the Board of Examiners can deviate from this.
12. If fraud is detected after a (partial) grade or a final grade is determined, the Board of Examiners is authorised to declare this grade void. This authority lapses after one year after the discovery but no later than the award of the diploma.

Article 9. Questions and assignments

1. The questions and assignments of the examination will be confined to the sources for the examination paper published in advance. The exact scope of the course content and the method of examination will be published before the start of the course that prepares for the examination.
2. An examiner must keep a written record of the results of a partial examination.
3. The Board of Examiners shall ensure that the examination papers will be put on file for at least five years, while the students' work will be put on file for at least three year. The latter also applies to essays and papers written by students.
4. The examination must be representative of the content of the course.

Article 10. Cum laude and summa cum laude

1. For the rules governing the awarding of the predicates 'cum laude' and 'summa cum laude', see Article 10.5 of the FEB Bachelor's OER and Article 7.5 of the FEB Master's OER.
2. The regulations set out in the Rules and Regulations 2009-2010 apply to students who started their degree programmes before 1 September 2010, unless the Board of Examiners decides otherwise at a request of the student.

Article 11. Assessment

1. A student has finished the propaedeutic phase successfully, if at least a 6 was scored for all courses.

2. A student has passed the bachelor's exam, if at least a 6 was scored for all courses.
3. A student has passed the master's exam, if at least a 6 was scored for all courses.
4. The assessment and processing of written (partial) exams shall take place within a period of 10 working days.
5. The assessment of the courses is expressed in whole figures. Only for the partial exams can the assessment be expressed in tenths, ranging from 0.0 up to and including 10.0.

The whole figures are defined as follows:

1. highly inadequate
 2. inadequate
 3. highly insufficient
 4. insufficient
 5. almost sufficient
 6. sufficient
 7. amply sufficient
 8. good
 9. very good
 10. excellent
6. An examination for which an exemption has been granted is deemed to have been assessed with the mark 6.
 7. Requests for exemptions must be submitted to the Examinations Board. The Examinations Board decides on the granting of exemptions.

Article 12. Results of examinations and feedback sessions

In addition to what is set out in the Teaching and Examination Regulations with regard to examinations, the following also applies:

1. Publication of the written results is no later than 10 working days after the day of the exam. The examiner will ensure that the examination results are handed in to the Student Administration Office by 10 a.m. on the morning of the day that the marking period expires at the latest; the Student Administration Office will ensure that they are processed and the results published that same day.
2. If it is obvious in advance that examiners will exceed the marking period due to circumstances beyond their control, then this will be stated on the examination sheet. A new date for the results will also be given. The course director will be asked for permission to exceed the marking period before the examination is sat.
3. The awarded grade is considered definitive once 4 weeks have passed after the exam, except in the case of new facts or circumstances.
4. After publication of the exam results, the date and place for inspection must be stated and registered in Nestor by the examiner. Students have the right if they so wish to an oral explanation of the results.
5. If an examination is resat, then the highest grade counts.
6. All students who attend the exam must hand in the answer form and will be awarded a mark. Requests from students not to assess their submitted work will not be granted.

Article 13. Extraordinary examination

1. The provisions below only apply to the courses offered by the FEB.
2. At the written request of a student the Board of Examiners may decide that after completion the thesis, the last examination can be taken outside the regular

examination dates so as to complete the programme.

3. A student must submit his request for a non-regular exam no later than 1 January of the same academic year if the student in the first semester, but before 1 January, of any academic year, satisfies the requirements of a non-regular exam. Should his request be granted, then the non-regular exam must take place no later than 31 January of the same academic year.
4. If a student satisfies the requirements of a non-regular exam after 1 January, he should submit his request no later than 1 August of the same academic year. The request shall not be dealt with before 1 February of the same academic year. If the request is granted then the non-regular exam must take place no later than 31 August of the same academic year.
5. A request will be denied, if the student has not taken the last two regular exams of the relevant course, or if he failed to get the minimum grade. The minimum grade as referred to in the first sentence means that once at least a 4 and once at least a 5 should have been scored.
6. A request will only be granted if the applicant, but for the non-regular exam, will incur a study delay of more than 140 calendar days (20 weeks); this delay being calculated as the time, in calendar days, from the date of receipt of a valid request up to and including the day of the first exam of the exam period in which the course, for which the non-regular exam is requested, is examined.
7. Such a request shall only be dealt with if it is accompanied by an approved subject package or if the subject package has been approved in ProgRESS WWW.
8. An extraordinary examination possibility is not available for a course that has already been rounded off with a sufficient grade, nor is it available for the Bachelor's Thesis, Research Paper for Pre-MSc or Master's Thesis.
9. In view of the nature, content and execution of the exams for the courses of Internal Control: Applications and Auditing IV of the Executive Master of Accountancy it is not possible to offer these exams as non-regular exams.
10. An extraordinary examination can only be granted once to a student.

Article 14. Additional regulations concerning approval of the Bachelor's degree programme

1. A request for approval of the study programme for the Bachelor's degree programme must be submitted by the examinee to the Board of Examiners at least 6 weeks before the start of the Bachelor's Thesis.
2. The Board of Examiners will make its decision within 4 weeks after receipt of the request concerning the Bachelor's degree programme. The student will be sent written confirmation of the Board of Examiners' decision within 2 weeks of that decision.
3. Approval is valid as long as the courses in the programme in terms of name and code are offered, but in any case, up to and including the last day of the academic year subsequent to the one in which approval was granted.

Article 15. Additional regulations concerning approval of the Master's degree programme

1. A request for approval of the study programme for the Master's degree programme must be submitted by the examinee to the Board of Examiners at least 2 months before the start of the Master's thesis.
2. The Board of Examiners will take its decision within 4 weeks after receipt of the request concerning the Master's degree programme. The student will be sent written confirmation of the Board of Examiners' decision within 2 weeks of that decision.

3. Approval is valid as long as the courses in the programme in terms of name and code are offered, but in any case, up to and including the last day of the academic year subsequent to the one in which approval was granted.

Article 16. Certificate, diploma supplement, and statement of examinations taken

1. The student shall receive a certificate issued and a diploma supplement by the Board of Examiners as proof of his passing the final examination. The certificate and the diploma supplement shall be signed on behalf of the Board by at least two staff members to be appointed by the Board. The degree ceremony is open to the public, unless the Board stipulates otherwise.
2. The diploma supplement will state which courses the examinations have covered.
3. Students who have passed more than one examination and who are not eligible for a degree certificate may request to be presented with a document stating the examinations they have passed.
4. Bachelor's examinees will be issued with a Bachelor's degree certificate, accompanied by a diploma supplement.
5. Master's examinees will be issued with a Master's degree certificate, accompanied by a diploma supplement.

Article 17. Amendments to the rules and regulations

No amendments shall be made that have an effect on the current academic year, unless the interests of students would otherwise be harmed.

Article 18. Right of appeal

1. A decision taken by an examiner or Board of Examiners may be appealed against before the university's Board of Appeal for the Examinations of the RUG (via <http://student.portal.rug.nl/infonet/studenten/regelingen-klacht-inspraak/klachten-bezwaar-beroep/>).
2. If an appeal is lodged against a decision taken by an examiner, the appellant (the person lodging the appeal) should lodge a formal appeal (stating the reasons for the appeal) with the Central Portal for the Legal Protection of Student Rights (CLRS) of the RUG concerned within 6 weeks of the decision. The Board of Examiners will act as an arbitration committee between the examiner and the appellant. Before lodging an appeal with the Appeals Board a student can first lodge an objection with the Board of Examiners. An appeal against a decision by the Board of Examiners can be lodged with the Appeals Board in accordance with Article 18.3.
3. If an appeal is lodged against a decision of the Board of Examiners, the appellant should lodge a formal appeal (stating the reasons for the appeal) with the Central Portal for the Legal Protection of Student Rights (CLRS) of the RUG within 6 weeks of the decision. The Faculty Board will appoint an arbitration committee that will investigate the possibilities for an amicable settlement.
4. If the interests of the appellant require an immediately enforceable decision, a request may be submitted to the chair of the Board of Appeal for the Examinations of the RUG a temporary ruling (via www.rug.nl/studenten/clrs).

Article 19. Date of commencement

These rules and guidelines will take effect on 1 September 2017
As decreed by the Board of Examiners: June 2017

V Regulations for Grading Assignments and Partial Examinations

Article 1. Definition of assessment

The assessment of a course may consist of (partial) examinations and assignments.

Article 2. Definition of assignments

Assignments are defined as:

- a) (group) assignments, presentations, homework assignments, cases, practicals and similar activities offered within the scope of any course.
- b) compulsory presentations and conditions of interaction (both individually and as a group) by participants of tutorials, lectures and practicals.

Article 3. Definition of examination

An examination is defined as provided in Article 1.2.s of the Teaching and Examination Regulations Bachelor's degree programmes resp. Article 1.2.j of the Teaching and Examination Regulations Master's degree programmes.

Article 4. Publication of assessment criteria

The criteria for the assessment of assignments, the extent to which the assessment is weighted in the final grade of the course and the resit opportunities, must be made known to the students either in writing or electronically no later than at the start of the course.

Article 5. Assignment grade

If various assignments are assessed in a course, one joint grade rounded off to one decimal, shall be calculated. This will be the assignment grade.

Article 6. Examination grade

Also, for the examination one grade will be determined, rounded off to one decimal. This will be the examination grade.

Article 7. Minimum requirements results

Lecturers may set the minimum requirements to be obtained for the assignment and exam grades.

Article 8. Weighting coefficients

The weighting coefficients of testing components may vary per course and are set by the lecturers.

Article 9. Calculation of final grade

The final grade of a course is calculated as the weighted average of the assignment grade and the examination grade and is expressed in a round figure.

Article 10. Archiving results

1. Only the final grade of the course is passed on by the lecturer responsible to the Student Administration Office of the Faculty.
2. The contact lecturer of a course is responsible for the archiving of the assignment grade and the examination grade.

Article 11. Validity of results

The assignment grade and the examination grade remain valid as long as the course is examined in the same manner, inclusive the weighting coefficients, unless the course coordinator has announced a change in advance. This change must be made known to the students either in writing or electronically no later than at the start of the course.

Article 12. Assignment grades that count for more than 25%

In case the assignment grade counts for more than 25% in determining the final grade the following applies:

- a) the exam grade must at least be a 5.0.
- b) if the assignment grade is insufficient, a reparation assignment within the block of the course shall be offered once enabling the student to convert the insufficient grade into a grade not higher than 5.5.

Article 13. Assignment grades that count for 25% or less

In case the assignment grade counts for no more than 25% in the determination of the final grade, then no reparation opportunity will have to be provided in the block in question. Article 12.b shall equally apply if minimal requirements were set in relation to the assignment grade.

Article 14. Grade of partial examination

An exam can be offered in parts. Each part of the exam will be graded, rounded off to one decimal. This will be the partial examination grade.

Article 15. Validity of partial examination grades

A partial examination grade is only valid in the (half) semester in which the course is offered.

Article 16. Frequency of partial examination

Contrary to the provisions of Article 9.3 of the Teaching and Examination Regulations Bachelor's degree programmes, respectively Article 6.3 of the Teaching and Examination Regulations Master's degree programmes no two opportunities for taking partial examinations need to be given. If, the examiner, nevertheless offers a resit opportunity for a partial examination, then the highest grade shall be used in calculating the final grade.

Article 17. Reparation of mid-block exams

No reparation opportunity needs to be offered for mid-block exams in accordance with Article 12.b of these Regulations.

Article 18. Results as entrance requirements for exams and assignments

Unless otherwise stated in the FEB Teaching and Examination Regulations the following applies:

1. An assignment grade may not be an entrance requirement for sitting a (resit) exam.
2. A (partial) examination grade may not be an entrance requirement for participating in assignments.

Article 19. Final provisions

In case of divergencies of interpretation between the Dutch language version and the English language versions of the Regulations for Grading Assignments and Partial Examinations the Dutch version shall prevail.

VI Regulations Governing Overlapping Examinations

Article 1. Introduction

1. Examinations are to be scheduled as much as is possible so as to avoid any overlap. The following extra 'restrictions' also apply:
 - a) within one degree programme, the examinations for propaedeutic and second-year courses shall not overlap.
 - b) examinations for second-year and compulsory third-year courses within one degree programme shall not overlap.
 - c) examinations for compulsory third-year courses and specialization courses within one degree programme shall never take place at the same time (this does not apply to the different specialization courses).
 - d) resits will if possible be held in the first part of an exam block and the regular examinations in the second part.
 - e) exam schedules will be announced per semester at the same time as the course schedules and once they have been set they will in principle not be changed.
2. By taking the provisions of Article 1.1 above into consideration when scheduling examinations, overlapping examinations will be avoided as far as possible. Because all exam dates are announced well in advance of the deadline for registering for courses (see Article 1.1.e), students themselves can see in good time if two examinations are programmed for the same time and make a different choice.
3. If, despite the measures listed above, two examinations are programmed for the same time and a student wishes to take both of them, the student will under certain circumstances be given the opportunity to sit the two examinations immediately after each other.

Article 2. Criteria of individual arrangements

1. Students may only derive rights from the regulation set out below if they submit their request in good time. A student who wishes to appeal to the regulations must complete the web form 'Request for arrangement regarding overlap in examinations' no later than the last working day before the start of the regular exam enrolment. In the following weeks during the regular exam enrolment the student must enroll in both examinations through ProgRESS WWW. Should a request not be submitted in time, the Board of Examiners decides whether a student is eligible for consideration.
2. If the problem is with resits and/or examinations for compulsory courses (including the 'optional BSc BE courses' for the BSc degree programme Business Economics), then students are always entitled to an individual arrangement that will enable them to sit both examinations in the relevant block. An employee of the Education Office staff will check whether the student has filled in all the details properly (exam times, etc.) and inform him or her about the subsequent procedure.
3. If one or both courses are unrelated optional courses, then an appointment with the study advisor must be made to assess whether it is necessary to take both of the examinations that overlap in the timetable in order to avoid major study progress problems. The study advisor will then send a motivated advice to the Board of Examiners. The latter will take the eventual decision whether an individual arrangement will be offered or not. The study advisor will inform the student and if necessary the lecturer of the decision and submit the completed form to the Student Administration Office, who will process it further.

Article 3. The individual arrangement

1. An individual arrangement means that the student in principle is given the opportunity to take the examinations one after the other: one at the normal time and the other immediately before or immediately after, with a maximum break between the two examinations of one hour.
2. Both examinations will be sat in a separate room and an invigilator will be present.

Article 4. First point of contact and subsequent procedure

1. The Student Administration Office is the first point of contact. The Student Administration staff can use the Student Handbook to determine whether the student satisfies the criteria for an alternative arrangement (see Article 2). If the student does not, then he or she will be referred to the study advisor, with whom they must make an appointment (see Article 3).
2. If the request is approved, then an employee of the Student Administration Office will organize a room – naturally after co-ordinating with the secretary of the contact lecturer for the course to be examined – (see above), a copy of the exam plus accessories, et cetera.

Article 5. Final provisions

In case of divergencies of interpretation between the Dutch language version and the English language versions of the Regulations Governing Overlapping Examinations the Dutch version shall prevail.

VII Student Charter

The Student Charter provides an overview of the rights and obligations of both students and the university. The Student Charter is based on national legislation, particularly the Higher Education and Research Act (WHW), supplemented by regulations that are specific to the University of Groningen. The Student Charter has been divided into two sections. The main section describes the rights and obligations that apply to the university as a whole. The rest describes the rights and obligations that apply to specific degree programmes and which differ from one programme to another, as well as from one faculty to another.

The complete Student Charter can be found at: <http://www.rug.nl/about-us/organization/rules-and-regulations/onderwijs/studentenstatuut/>

