



university of
 groningen

faculty of economics
 and business

Faculty of Economics and Business Academic Year 2023-2024



Teaching and Examination Regulations
(TER) Bachelor's degree programmes
and Pre-master's programmes

Teaching and Examination Regulations
(TER) Master's degree programmes

Regulations Overlapping Examinations

Regulations Theses BSc, Theses MSc,
and Pre-MSc Papers

Teaching and Examination Regulations
PhD programme for PhD scholarship
students

Student Charter

Colophon

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I TER Bachelor and Pre-Master 2023-2024

Section 1 General provisions

Article 1.1 Applicability of these Regulations

1. The Teaching and Examination Regulations (OER: Onderwijs- en Examenregeling) 2023-2024 set out the specific rights and obligations that apply to each degree and Pre-Master's programme taught at the University of Groningen, for both the students and the programme. The University-wide section of the Student Charter sets out the rights and obligations that apply to all students.
These Teaching and Examination Regulations (TER) apply to the teaching, the examinations and final assessments in 2023-2024 of the following Bachelor's degree programmes and to all students enrolled in these degree programmes:
 - a) BSc Business Administration (BDK) CROHO code 50645
 - b) BSc Econometrics and Operations Research (EOR) CROHO code 56833
 - c) BSc Economics and Business Economics (E&BE) CROHO code 50950
 - d) BSc International Business (IB) CROHO code 50019
 hereinafter referred to as: the degree programmes, and the following Pre-Master's programmes:
 - e) Pre-Master Accountancy and Controlling (A&C) (60 EC)
 - f) Pre-Master Accountancy and Controlling for HBO-AC (30 EC)
 - g) Pre-Master Accountancy and Controlling for HBO-BE and HBO-Finance & Control (60 EC)
 - h) Pre-Master Algemene Economie voor de Lerarenopleiding (30 EC)
 - i) Pre-Master BA - Change Management (CM) (30 EC and 45 EC)
 - j) Pre-Master BA - Health (30 EC and 45 EC)
 - k) Pre-Master BA - Management Accounting and Control (MAC) (30 EC and 45 EC)
 - l) Pre-Master BA - Small Business and Entrepreneurship (SB&E) (30 EC and 45 EC)
 - m) Pre-Master BA - Strategic Innovation Management (SIM) (30 EC and 45 EC)
 - n) Pre-Master Econometrics, Operations Research and Actuarial Studies (EORAS) (60 EC)
 - o) Pre-Master Economic Development and Globalization (ED&G) (45 EC)
 - p) Pre-Master Finance (45 EC)
 - q) Pre-Master Human Resource Management (HRM) (30 EC and 45 EC)
 - r) Pre-Master International Business and Management (IB&M) (30 EC and 45 EC)
 - s) Pre-Master International Financial Management (IFM) (30 EC and 45 EC)
 - t) Pre-Master Marketing (30 EC and 45 EC)
 - u) Pre-Master Supply Chain Management (SCM) (45 EC)
 - v) Pre-Master Technology and Operations Management (TOM) (45 EC)
 hereinafter referred to as 'the Pre-Masters', 'Pre-Master's programmes' or 'Pre-MSc's'.
2. The degree programmes and Pre-Master's programmes are organized by the Faculty of Economics and Business 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 and the Energy Minor offered by the Faculty, and to students who take (courses of) these minors.
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 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 Economic Development and Globalization (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, Bandung, Indonesia.
- f) Double Degree programme of the **BSc International Business** (FEB) and the International BSc programme of the KEDGE Business School, Bordeaux, France.

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

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 of Economics and Business and the partner university are jointly responsible for the degree programme and for the award of diplomas.

Article 1.2 Definitions

The following definitions apply to these Regulations¹

- | | | |
|----|---------------------------|---|
| a. | Act, WHW: | the Wet op het hoger onderwijs en wetenschappelijk onderzoek (Higher Education and Research Act). |
| b. | Student: | a person who is enrolled as a Bachelor student at the University of Groningen after having paid a tuition fee (the enrolment rights of the student are covered by Article 7.34 of the WHW), or a person who is enrolled as a Pre-Master student at the University of Groningen after having paid a compensation fee according to Article 7.51.i of the WHW. |
| c. | Degree programme: | one of the Bachelor's degree programmes listed in Article.1.1 of these regulations. |
| d. | Profile: | a specialization of a degree programme, approved by the Faculty Board. |
| e. | Module or Course: | a part of the degree programme as defined in Article 7.3 of the WHW. |
| f. | Ocasys: | the digital 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 as referred to in Article 7.4 of the WHW 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 (the first 60 ECTS credits) of the Bachelor's degree programme as defined in Article 7.8 of the WHW. |
| 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 ECTS credits. |
| k. | Preliminary study advice: | a study progress overview including a preliminary study advice issued halfway the first year of study in the propaedeutic phase. |
| 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 Article 7.8 of the WHW. |

¹ For the other terms, not further specified in Article 1.2, the definitions as mentioned in the WHW apply.

- m. Major: all compulsory courses in the propaedeutic and post-propaedeutic phases.
- n. BSA (Binding study advice): negative study advice prohibiting the student to enrol in the degree programme or related courses within the same cluster concerned for two consecutive years.
- o. Minor slot: the programmed period in the first semester of the third academic year for differentiation within the degree programme.
- p. Faculty minor: coherent course package, broadening or deepening the degree programme offered by the Faculty.
- q. University minor: coherent course package, not necessarily related to the degree programme offered by another faculty or -depending on the conditions- by the Faculty Economics and Business of the UG.
- r. Foreign minor: course package offered by a foreign partner university.
- s. Personal Minor: a broadening or deepening Minor that students can compile themselves, only applicable to foreign minors.
- t. Pre-Master's/Pre-MSc programme: a bridging programme that enables students to be admitted to a Master's degree programme.
- u. Examination: an investigation into the knowledge, insights and skills of the student with regard to a unit of study as well as the assessment of the results of the study. An exam can consist of several parts. The results of these parts jointly determine the examination result (described in more detail in the Regulations Grading Assignments and Partial Examinations).
- v. Final assessment: the final assessment for the Bachelor's degree, which is considered to be passed once all the requirements of the entire Bachelor's degree programme have been satisfied.
- w. Examiner: a person appointed by the Board of Examiners according to Article 7.12 of the WHW to set examinations and determine their results.
- x. Academic year: the period of time that starts on 1 September and ends on 31 August of the following year.
- y. 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.
- z. Practical: a practical exercise, as referred to in Article 7.13 of the WHW, in one of the following forms:
- a thesis,
 - a written assignment, paper or draft,
 - a research assignment,
 - participation in fieldwork or an excursion,
 - completion of a placement or internship,
 - participation in another educational activity designed to learn certain skills.

- aa. Extraordinary circumstances: circumstances such as those referred to in Article 7.51 of the WHW, and which will be taken into account when formulating a decision within the meaning of Article 5.5, Article 9.8 and Article 9.9 of these TER. For the UG, the Graduation Fund Regulations 2023-2024 contain an elaboration of Article 7.51 of the WHW. In these Regulations, extraordinary circumstances include, in any case, a disability or chronic illness, illness, pregnancy and delivery, extraordinary family circumstances, a degree programme which is not feasible, students with an elite sports status (issued by the elite sports coordinator), students with a 'student entrepreneur status' (issued by the UGCE) , membership of a consultative participation body.
- bb. Board of Examiners: the independent board charged with the duties and powers as laid down in Article 7.11, Article 7.12, Article 7.12.b and Article 7.12.c of the WHW, including assessing whether the requirements of the final assessment have been met.
- cc. Admissions Board: the board that has decision-making powers in matters concerning admission to the degree programme on behalf of the Faculty Board.
- dd. VWO-diploma: pre-university certificate in accordance with Article 7.1 of the Secondary Education Act BES or Article 13 of the Secondary Education Act BES.
- ee. Programme Committee (PC or OC): the consultative and advisory body that fulfils the duties referred to in Article 9.18 of the WHW.
- ff. Regular student: a student who is enrolled at the University of Groningen and who is not a part-time student, Minor student or non-degree exchange student.
- gg. Matching: the procedure concerning the provision of matching activities and the issuing of study advice in accordance with Article 7.31.a (a.f.) of the WHW, further elaborated in Chapter 3 of the University of Groningen Regulations for Registration and Tuition Fees 2023-2024. (RIC 2023-2024).
- hh. Curriculum: coherent set of components that together form an educational programme.
- ii. Online Application System (OAS): system of the University of Groningen within which prospective students can complete their registration by uploading relevant documents.
- jj. University Board (CvB): the Executive Board of the University of Groningen.
- kk. Faculty Board (FB): the Executive Board of the Faculty of Economics and Business of the University of Groningen.
- ll. Faculty Council (FC or FR): the participation council that fulfils the duties referred to in Article 9.37 (a.f.) of the WHW.
- mm. University of Groningen (UG or RUG): university which the Faculty of Economics and Business is part of.
- nn. Track: a specialization within an accredited study programme that has the structure of an independent programme approved by the University Board.

- oo. Academic integrity: information about academic integrity and the related procedures can be found on the UG website: <https://www.rug.nl/about-ug/organization/rules-and-regulations/general/gedragscodes-nederlandse-universiteiten/wetenschappelijke-integriteit>
- pp. CROHO: Centraal Register Opleidingen Hoger Onderwijs (Central register of higher education programmes in The Netherlands). Contains data from past, current and future programmes of Dutch higher professional education (HBO) and university education institutions.
- qq. Thesis: final report of a scientific study to complete a degree.

Article 1.3 Aims and learning outcomes of the degree programmes

1. The aim and learning outcomes of the Bachelor's degree programme in Business Administration can be found in Appendix 1.1.
2. The aim and learning outcomes of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 1.2.
3. The aim and learning outcomes of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 1.3.
4. The aim 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 Subsequent Master's degree programmes¹

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 Controlling²
 - b) MSc Business Administration
 - c) MSc Economic Development and Globalization³
 - d) MSc Social Sciences and Humanities Education - Economics and Business⁴
 - e) MSc Finance⁵
 - f) MSc Human Resource Management
 - g) MSc International Business and Management
 - h) MSc International Financial Management
 - i) MSc Marketing (after selection)⁶
 - j) MSc Supply Chain Management
 - k) MSc Technology and Operations Management
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 Business Administration
 - b) MSc Econometrics, Operations Research and Actuarial Studies
 - c) MSc Economic Development and Globalization
 - d) MSc Economics
 - e) MSc Social Sciences and Humanities Education - Economics and Business
 - f) MSc Finance⁷
 - g) MSc International Business and Management
 - h) MSc Marketing (after selection)

1 MSc Social Sciences and Humanities Education is offered by the Faculty of Behavioural and Social Sciences.

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

3 Additional entry requirement: Minor ED&G.

4 Additional entry requirement: Minor Algemene Economie voor de Lerarenopleiding.

5 Additional entry requirement: Minor Finance.

6 MSc Marketing is a selective programme from the September 2023 intake onwards.

7 Additional entry requirement: Finance Theory and Modelling (EBB825A05) and Intermediate Corporate Finance (EBB079B05).

- i) MSc Supply Chain Management
- j) MSc Technology and Operations Management
- 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 Business Administration
 - b) MSc Economic Development and Globalization
 - c) MSc Economics
 - d) MSc Social Sciences and Humanities Education - Economics and Business
 - e) MSc Finance¹
 - f) MSc Human Resource Management
 - g) MSc International Business and Management
 - h) MSc International Financial Management
 - i) MSc Marketing (after selection)
 - j) MSc Supply Chain Management
 - k) MSc Technology and Operations Management
- 4. The Bachelor's degree in **International Business** grants direct admission to the following Master's degree programmes offered by the Faculty:
 - a) MSc Business Administration
 - b) MSc Economic Development and Globalization
 - c) MSc Social Sciences and Humanities Education - Economics and Business²
 - d) MSc Finance³
 - e) MSc Human Resource Management
 - f) MSc International Business and Management
 - g) MSc International Financial Management
 - h) MSc Marketing (after selection)
 - i) MSc Supply Chain Management
 - j) MSc Technology and Operations Management

Section 2 Entry requirements

Article 2.1 Start of the Bachelor's degree programmes and Pre-Master's programmes in academic year 2023-2024

1. The programmes start once a year; i.e. 1 September.
2. Admission to or re-enrolment in one of the degree programmes is only possible as of 1 September.
3. Bachelor students who have completed the propaedeutic phase of a degree programme can also be admitted on a different date, after approval of the Admissions Board, namely 1 November, 1 February or 1 April when they want to re-enrol for the post-propaedeutic phase of the same degree programme.

1 Additional entry requirement: Intermediate Asset Pricing (EBB084A05) and Intermediate Corporate Finance (EBB079B05).

2 Additional entry requirement: Minor Algemene Economie voor de Lerarenopleiding.

3 Additional entry requirement: Minor Finance.

Article 2.2 Admission to the degree programmes

1. Notwithstanding the provisions of Article 2.2.3, a prospective student holding 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	Wiskunde (Math.) A or Wiskunde (Math.) B
The following applies to a holder of a VWO diploma gained before September 2009: Wiskunde (Math.) B1 instead of Wiskunde (Math.) B, Wiskunde (Math.) A1,2 instead of Wiskunde (Math.) A.	

is admissible to the Bachelor's degree programmes in

- a) Business Administration
 - b) Economics and Business Economics
 - c) International Business¹
2. A prospective student holding a VWO (pre-university education) diploma with one of the following profiles:

Profile	Additional requirements
Economics and Society	Wiskunde (Math.) B
Nature and Technology	
Nature and Health	Wiskunde (Math.) B
Culture and Society	Wiskunde (Math.) B
NB: The following applies to holders of a VWO diploma gained before September 2009: Wiskunde (Math.) B1 instead of Wiskunde (Math.) B.	

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

3. A prospective student, holding an HBO (higher professional education) diploma or an HBO propaedeutic certificate and demonstrates sufficient command of Mathematics and English to the satisfaction of the Admissions Board, is 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 Admissions Board:
 - 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. Prospective students who seek admission to a degree programme on the basis of a foreign certificate or degree may be asked by the Admissions 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 Admissions Board.
2. The Dutch language proficiency requirement can, in any event, be met by passing the

¹ The Bachelor's degree programme International Business is a fixed quota programme (numerus fixus). For the first year of BSc International Business the fixed number of places available is 550. For these places, a selection procedure takes place. More information about the selection procedure can be found on the UG website.

- State Exams 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 by obtaining one of the following test scores:
 - an overall score on an internet-based (iBT) TOEFL test of 80, with a score of 20 for speaking and 20 for writing, or
 - an overall score on an IELTS Academic test of 6, with a score of 6 for speaking and a score of 5.5 for writing, or
 - an overall score on a Cambridge English qualification C1 Advanced or C2 Proficiency of 169, with a score of 169 for speaking and 162 for writing, or
 - a score of B2 for all sections of the University of Groningen Language Centre Test, or
 - a level equivalent to the tests mentioned above, such as having command of English as a native-speaker, at the discretion of the Admissions Board.

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 following applies for those who wishes to take part in the entrance examination:
 - a) Prospective students who do not satisfy the admission requirements set out in Articles 2.1 and 2.2 may participate in an entrance examination in accordance with Article 7.29 of the Act.
 - b) 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 a 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 and Pre-Master's programmes 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 nomination is made by the Faculty Board, which will also set out the entry requirements.

Article 2.7 Matching

1. Prospective students who have applied before 1 May of the year in which they will start with their study, have the right to participate in the optional 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. In the case of optional matching, students will be given the opportunity to take part in activities to help them to decide on their degree programme. The prospective students who choose to take part in these activities will receive degree programme advice.

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 Economic Development and Globalization
 - d) MSc Finance
 - 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 Managementwill be granted to holders of a Bachelor's degree of an accredited degree programme of a Dutch university of applied sciences or a Bachelor's degree of an accredited degree programme of a Dutch university with a study load of 180 EC. In addition to the provisions of this paragraph, admission to the selective Pre-MSc Marketing will only be granted to students that have successfully completed the selection procedure. The prospective students must also have sufficient knowledge of English as set out in Article 2.8.5.
2. In addition to the provisions of Article 2.8.1 direct admission to the special Pre-Master's programmes HBO-AC and HBO-BE and HBO-Finance & Control preparing for the Master's degree programmes Accountancy and Controlling will be granted to holders of one of the certificates set out in Appendix 7.1. Holders of the diploma's listed in Appendix 7.2 are directly admitted to the abbreviated 30 EC variant of the Pre-Master Business Administration, the Pre-Master Human Resource Management, the Pre-Master International Business and Management, the Pre-Master International Financial Management. For admission to the Pre-Master Algemene Economie voor de Lerarenopleiding, the Admissions Board will decide whether a candidate is admitted or not. A selection procedure will be in effect for the 30 EC variant and the 45 EC variant of the Pre-MSc Marketing from academic year 2023-24. This selection procedure consists of: meeting the general admission requirement and meeting the GPA requirement (see Appendix 7.2). In addition, applicants must write a letter of motivation. More information about the procedure and requirements can be found on the UG website.
3. Prospective 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 a minimum number of EC during the year of admission. For the Pre-Master Algemene Economie voor de Lerarenopleiding the requirement for extension is at least having earned 20 EC of 30 EC. For all other Pre-Master's programme the following rule is applied: for programmes with more than 45 EC, 10 EC may be missing, for programmes with 45 EC or less, 5 EC may be missing to be eligible for extension.
4. In the event the admission to the Pre-Master's programme is not extended, the prospective student can be admitted to the regular Bachelor's degree programme by request.
5. Prospective students are deemed to have met the entry requirement of 'sufficient knowledge of Dutch and English' if they meet the following requirements:
 - a) Prospective students who seek admission to a degree programme on the basis of a foreign certificate or degree may be asked by the Admissions 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 Admissions Board.
 - b) The Dutch language proficiency requirement will be met by passing the State Exams Dutch as a Second Language (Nt2).

- c) The English language proficiency requirement will be met by passing an examination in English at the level of the VWO final exam or by obtaining one of the following minimum test scores:
- an overall score on an internet-based (iBT) TOEFL test of 80, with a score of 20 for speaking and 20 for writing, or
 - an overall score on an IELTS Academic test of 6, with a score of 6 for speaking and a score of 5.5 for writing, or
 - an overall score on a Cambridge English qualification C1 Advanced or C2 Proficiency of 169, with a score of 169 for speaking and 162 for writing, or
 - a score of B2 for all sections of the University of Groningen Language Centre Test, or
 - a level equivalent to the tests mentioned above, such as having command of English as a native-speaker, at the discretion of the Admissions Board.
6. Prospective 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 prospective 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 prospective students who cannot be directly admitted to the MSc Economics, the Admissions Board of the master programmes can, at the prospective 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. Additional requirements for registration in one of the Pre-Master's programmes for persons who want to enter the programme on the basis of a non-Dutch diploma are:
- a) a completed request for registration, on 1 May prior to the year of registration, in Studylink, the online application for enrolment or re-enrolment at an institution of higher education in the Netherlands.
 - b) 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 Energy minor

Admissible to the Energy minor are students enrolled in a bachelor's degree programme of the University of Groningen, on condition that they have successfully completed the propaedeutic phase.

Article 2.10 Admission to the Entrepreneurship minor

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

Article 2.11 Admission to the Innovation and Entrepreneurship minor

Students who are registered for a bachelor degree programme of the Faculty of Economics and Business of the University of Groningen and students who are registered for the bachelor degree programme Industrial Engineering and Management offered by the Faculty of Science and Engineering of the University of Groningen have admission to the Innovation and Entrepreneurship minor, on condition that they have successfully completed the propaedeutic phase of the programme concerned. In some FEB degree programmes this minor can only be taken as an extracurricular. Definitive admission to the Innovation and 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.

Section 3 Structure of the degree programmes

Article 3.1 Conducting research

1. Students who conduct research in the context of the degree programme do so in accordance with relevant legislation, the Dutch code of conduct for academic integrity, and the requirements of ethically sound research.
2. Throughout the entire research process, the student will adhere to the applicable policies and procedures, which are based on the Faculty's data management policy.
3. Prior to the period of research, the student, together with their supervisor, can draw up a data management plan. This is then stored, in accordance with the faculty's data policy. At a minimum, this plan will address:
 - a) the student's responsibilities concerning the processing of personal data
 - b) the data storage measures (including security measures) used in the course of the research
 - c) the archiving and retention period
 - d) the responsibility for reusing data after the research has been completed.
4. In general, the student holds the copyright on any theses or other independently written assignments that are intended to test their knowledge, understanding, and skills. If anyone else wishes to use the student's thesis or written work, the student must first give permission for them to do so. The University must be free to perform these procedures unconditionally if it is to archive theses and written assignments (whether or not these are under embargo) and to process them in accordance with the rules of the Dutch Inspectorate of Education and the Act. All students are obliged to give their unconditional consent to the aforementioned procedures.

Article 3.2 Types of degree programme

The Bachelor's degree programmes are full-time programmes.

Article 3.3 Structure of study programmes and final assessment

1. The Bachelor's degree programmes are divided into a propaedeutic phase and a post-propaedeutic phase.
2. The propaedeutic phase is not concluded with a final assessment.
3. The Bachelor's degree programmes are concluded with the final assessment for the Bachelor's degree.

Article 3.4 Language of instruction

1. The teaching and the examinations for the Bachelor's degree programme in 'Business Administration will in principle be taught in Dutch. Deviations from this rule are indicated in Ocasys.
2. The Bachelor's degree programmes in 'Econometrics and Operations Research', 'Economics and Business Economics' and 'International Business' will be taught in English. The examinations will also be held in English.

Article 3.5 Study load

1. The Bachelor's degree programmes have a study load of 180 EC.
2. The propaedeutic phase of a Bachelor's degree programme has a study load of 60 EC.
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 EC worth of post-propaedeutic courses.
4. Study load is expressed in whole EC.

Article 3.6 Contact hours

1. The propaedeutic phase of the Bachelor's degree programme comprises a minimum of 480 contact hours a year.
2. The post-propaedeutic phase of the Bachelor's degree programme comprises a minimum of 200 contact hours a year.
3. The structure of the contact hours is registered in Ocasys.

Article 3.7 Participation in courses or educational components

1. Students may participate in a course or educational component of the degree programme if they register in time via <https://progresswww.nl/rug/>
2. Registration for more than 20 EC per block is only possible with the permission of the degree 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.
7. Students who are registered for the Bachelor's degree programme cannot access the course units of a Master's degree programme.

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 3.1.
2. The propaedeutic courses of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 3.3.
3. The propaedeutic courses of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 3.6.
4. The propaedeutic courses of the Bachelor's degree programme in International Business can be found in Appendix 3.10.
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.
6. In situations of force majeure, when it is not reasonably possible to provide teaching and examinations in the manner stated in Ocasys, alternative modes of instruction and/or assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.

Article 4.2 Practical exercises in the propaedeutic phase

The propaedeutic courses for which practical exercises must be completed in order to qualify for the examination can be found in Appendix 2.

Section 5 Study progress, including study advice

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 EC earned so far.
2. Additional study progress overviews will be sent to students later in that 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 study advice as listed in Article 5.3.2.a, the student 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 EC of the propaedeutic phase of the degree programme
 - b) negative, if the student has earned less than 45 EC of the propaedeutic phase of the degree programme. A negative study advice is binding on students (BSA) in accordance with Article 7.8.b.3 of the Act
3. When determining the number of EC earned, only those EC awarded upon passing the propaedeutic courses within the meaning of Article 4.1 shall be taken into consideration. EC awarded for one or more exemptions 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 extraordinary circumstances that occurred in the first year, no assessment can be issued about the suitability for the degree 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 programme(s).
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 March 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 degree programme or a degree programme belonging to the same cluster (see Article 5.7) they are deemed to have started studying anew and consequently the same threshold applies to them that also applies to propaedeutic students who had not registered before for the degree 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 degree programme or for one of the degree 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 EC in the second semester of their degree 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 applies.
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 tutor, 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 5.4.5.a

Article 5.5 Extraordinary circumstances

1. When deciding whether to issue a negative study advice (BSA), the Faculty Board will take a student's extraordinary circumstances into account at a student's request. The evaluation of extraordinary 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 extraordinary 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 extraordinary 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 threshold 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. Any study advice that is deferred can still be given as long as the propaedeutic phase has not yet been completed:
 - a) the postponed study advice is converted into a positive advice, if the BSA threshold is achieved whether modified or not.
 - b) the student will still get a negative study advice (BSA), if the student has failed to achieve the threshold whether or not modified, in the second year of registration.
4. Extraordinary circumstances as referred to in Article 5.5.1 do not automatically lead to a successful application for a grant from the Graduation Fund¹.

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 a 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 from registering or re-registering for the degree programme(s) to which the advice applies for a period of two years.
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 a 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 Criteria for admission to the post-propaedeutic phase

The following person may be admitted to the post-propaedeutic phase of the degree programme (subject to the approval of the Admissions Board):

1. A holder of a propaedeutic certificate of the relevant degree programme, or -in the absence thereof- a person who has earned 60 EC credit points in the first year of study in this or a related degree programme.
2. The Admissions Board may grant the holder of a certificate, whether or not issued in the Netherlands, exemption from the requirement referred to in Article 6.1.1 if, in the opinion of the Admissions Board, that diploma is at least equivalent to the certificate referred to

1 University of Groningen Graduation Fund Regulations UG 2023-2024

in Article 6.1.1.

Article 6.2 Admission to the post-propaedeutic phase of Bachelor's degree programme Business Administration

1. Students who have completed the propaedeutic phase in the Bachelor's degree programme 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 the Bachelor's degree programme 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) Managing Digital Business (5 EC, EBP040A05)
 - 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 the Bachelor's degree programme International Business of the University of Groningen 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) Managing Digital Business (5 EC, EBP040A05)
 - b) Management Science (5 EC, EBP025A05)
 - c) Organisatie en omgeving (5 EC, EBP028A05)
4. Students who have completed the propaedeutic phase of the Bachelor's degree programme Industrial Engineering and Management of the University of Groningen will be provisionally admitted to the post-propaedeutic phase of the Bachelor's degree programme in Business Administration of the University of Groningen. 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) Marketing BDK (5 EC, EBP027A05)
 - b) Organisatie en technologie BDK (5 EC, EBP618B05)
 - c) Managing Digital Business (5 EC, EBP040A05)
 - d) Academic Skills II (5 EC, EBP022A05)

Article 6.3 Admission to the post-propaedeutic phase of Bachelor's degree programme Econometrics and Operations Research

Students who have completed the propaedeutic phase in the Bachelor's degree programme 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 6.4 Admission to the post-propaedeutic phase of Bachelor's degree programme Economics and Business Economics

1. Students who have completed the propaedeutic phase in the Bachelor's degree programme 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 the Bachelor's degree programme 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) Academic English for E&BE (5 EC, EBP837C05)
 - 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 the Bachelor's degree programme 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) Academic English for E&BE (5 EC, EBP837C05)
 - 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 the Bachelor's degree programme 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)
 - f) International Economics for E&BE (5 EC, EBP810B05)

Article 6.5 Admission to the post-propaedeutic phase of Bachelor's degree programme International Business

1. Students who have completed the propaedeutic phase in the Bachelor's degree programme 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 the Bachelor's degree programme 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) Academic English for IB (5 EC, EBP665D05)
 - 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: Digital Transformation in IB (5 EC, EBB632B05).
3. Students who have completed the propaedeutic phase in the Bachelor's degree programme 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 EC, EBP018A05)
- d) Introduction to International Business (5 EC, EBP003A05)
- e) Research Methodology for IB (5 EC, EBP662C05)

but they will be exempted from the following post-propaedeutic course Firm Location and FDI (5 EC, EBB037B05).

Article 6.6 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 EC (including exemptions) of the propaedeutic phase.
2. When determining the number of EC 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 completed 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 6.7 Hardship clause applicable to the post-propaedeutic phase

The Board of Examiners can rule contrary to the provisions of Article 6.1 to and including Article 6.6 in situations where a substantive change and/or force majeure with respect to the (post)propaedeutic programme demonstrably leads to considerable injustice. In that case, there must be a unique extraordinary 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 3.2.
2. The post-propaedeutic courses of the Bachelor's degree programme in Econometrics and Operations Research can be found in Appendix 3.4.
3. The post-propaedeutic courses of the Bachelor's degree programme in Economics and Business Economics can be found in Appendix 3.7.
4. The post-propaedeutic courses of the Bachelor's degree programme in International Business can be found in Appendix 3.11.
5. In Ocasys, the learning goals, content and teaching methods of the courses of the various degree programmes are specified, including the level of prior knowledge preferred, or in some cases compulsory, to take the course in question.
6. In situations of force majeure, when it is not reasonably possible to provide teaching and examinations in the manner stated in Ocasys, alternative modes of instruction and/or assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.

Article 7.2 Practical exercises in the post-propaedeutic phase

The post-propaedeutic courses for which practical exercises must be completed in order to qualify for the examination can be found in Appendix 4.

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 prior 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. With respect to electives from another degree programme, and requests for alternative exam regulations, the Board of Examiners of that other degree programme is authorized to assess the examinations and decide upon requests.
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 degree 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 final assessment 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 outcomes of the degree programme.

Section 8 Minors and other programmes

Article 8.1 Minors

1. The third year of the degree programmes contains a minor slot of 30 EC. 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 Bachelor's degree programme International Business must choose a Foreign Minor, unless this is not possible (see Appendix 3.2).
3. Students who participate in the Bachelor's double degree programme Economics & Business Economics – Fudan University Shanghai, profile Economics and profile Economic Development and Globalization 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 Bachelor's degree programme Business Administration, profile Accountancy and Controlling.

Article 8.2 University Minors

1. University Minors consists of one or two coherent package(s) of courses outside the own discipline.
2. Bachelor students Business Administration (Business and Management profile and Technology Management profile), bachelor students Econometrics and Operations Research and bachelor students Economics and Business Economics (Business Economics profile, Economics profile and Economic Development and Globalization profile) wishing to take a University Minor can choose from the list of University Minors compiled by the Committee of Deans each year and published in Ocasys. These students can also choose

to take the minor Business and Taxation offered by the Faculty of Law or the minor Energy of the Faculty Economics and Business within the minor space.

3. Students of the Faculty Economics and Business are excluded from participation in the University Minor Entrepreneurship of that Faculty. Also, other University Minors that, in the opinion of the Board of Examiners, have a significant 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 following Faculty minors are offered for the BSc Business Administration degree programme (Business & Management profile and Technology Management profile):
 - minor Algemene Economie voor de LO by the Faculty of Economics and Business
 - minor B&M/TM by the Faculty of Economics and Business
 - minor Business and Taxation by the Faculty of Law
 - minor Economic Development & Globalization by the Faculty of Economics and Business
 - minor Finance by the Faculty of Economics and Business
 - minor Innovation and Entrepreneurship by the Faculty of Economics and Business
 - minor Internship Business Research by the Faculty of Economics and Business
 - minor Management Control by the Faculty of Economics and Business

Its content and scope are described in Appendix 3.2.

3. The following Faculty minors are offered for the BSc Econometrics and Operations Research degree programme:
 - minor Business and Taxation by the Faculty of Law
 - minor E&BE by the Faculty of Economics and Business
 - minor EOR by the Faculty of Economics and Business
 - minor Education Mathematics by the Faculty of Behavioural and Social Sciences
 - minor Innovation and Entrepreneurship by the Faculty of Economics and Business

Its content and scope are described in Appendix 3.4.

4. The following Faculty minors are offered for the BSc Economics and Business Economics degree programme (all profiles):
 - minor Business and Taxation by the Faculty of Law
 - minor E&BE by the Faculty of Economics and Business
 - minor Management Control by the Faculty of Economics and Business
 - minor Innovation and Entrepreneurship by the Faculty of Economics and Business

Its content and scope are described in Appendix 3.7.

Article 8.4 Foreign Minors

1. The Foreign Minor (minor abroad) requirement must be met by completing courses offered by a partner university located in a foreign country and must be 30 EC in total. For the International Business degree programme, the courses are post-propaedeutic courses without overlap with the own study programme and/or consist of internships located in the country of the foreign partner university. For the Business Administration degree programme, the Economics and Business Economics degree programme and the Econometrics and Operations Research degree programme the courses are post-propaedeutic courses without overlap with the own degree programme.
2. For students of the International Business degree programme a minor abroad may consist of no more than 10 EC in respect of language courses in the official language(s) of the host country. For students of the Business Administration programme and the Economics and Business Economics programme a minor abroad may consist of no more than 15 EC in respect of non-economic or non-business courses, including no more than 6 EC in respect of language courses in the official language(s) of the host country. The rule for students from the Econometrics and Operations Research degree programme is that a minor abroad must not consist of more than 6 EC for language courses, subject to the proviso that any language course chosen must be related to the official language(s) 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 3.

Article 8.5 Energy Minor

1. The Faculty of Economics and Business offers a University Minor in Energy. The contents and study load of this are stated in Appendix 5. The entry requirements are set out in Article 2.9.
2. The Energy minor and/or modules thereof come under the authority of the Programme Committee of the Bachelor degree programme Economics and Business Economics.
3. The Energy minor and/or modules thereof come under the authority of the Board of Examiners of the Faculty.
4. The Energy minor and/or modules thereof come under the responsibility of the Director of the Bachelor degree programme Economics and Business Economics.

Article 8.6 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 5. The entry requirements are set out in Article 2.10.
2. The Entrepreneurship minor and/or modules thereof come under the authority of the Programme Committee of the Bachelor degree programme Business Administration.
3. The Entrepreneurship minor and/or modules thereof come under the authority of the Board of Examiners of the Faculty of Economics and Business.
4. The Entrepreneurship minor and/or modules thereof come under the responsibility of the Director of the Bachelor degree programme Business Administration.

Article 8.7 Bachelor's Honours programme

1. The Faculty of Economics and Business 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 of Economics and Business 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 EC¹, 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 8.8 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 or tracks:
 - a) MSc Accountancy and Controlling, with the profiles:
 - Accountancy
 - Controlling
 - b) MSc Business Administration, with the profiles:
 - Change Management
 - Health
 - Management Accounting and Control
 - Small Business and Entrepreneurship
 - Strategic Innovation Management
 - c) MSc Econometrics, Operations Research & Actuarial Studies, with the profiles:
 - Econometrics
 - Operations Research
 - Actuarial Studies
 - d) MSc Economic Development and Globalization
 - e) MSc Economics, with the profiles:
 - Competition and Regulation

1 Students who start with the Bachelor's Honours programme in 2023-24, the total study load is 30 EC

- Issues in Economics
 - Monetary Policy
 - f) MSc Educatie MM, track Economie en Bedrijfseconomie (2-year)
 - g) MSc Finance, with the profiles:
 - Corporate Finance
 - Development Finance
 - General Finance
 - Investment and Risk Management
 - Sustainable Finance
 - h) MSc Human Resource Management
 - i) MSc International Business and Management
 - j) MSc International Financial Management
 - k) MSc Leraar VHO MM track Economie en Bedrijfseconomie (1-year)
 - l) MSc Marketing, with the tracks:
 - Marketing Management
 - Marketing Analytics and Data Science
 - m) MSc Supply Chain Management
 - n) MSc Technology and Operations Management
2. The Pre-Master Accountancy and Control, Pre-Master A&C for HBO-BE or HBO-Finance & Control, and the Pre-Master Econometrics, Operations Research & Actuarial Studies consist of 60 EC credits. The Pre-Masters Finance, Economic Development and Globalization, Supply Chain Management, and Technology and Operations Management consist of 45 EC. The Pre-Master Marketing, Pre-Master(s) Business Administration, Pre-Master Human Resource Management, Pre-Master International Financial Management, and Pre-Master International Business and Management are offered in the 30 EC or 45 EC variant. The Pre-Master Algemene Economie voor de Lerarenopleiding and Pre-Master A&C for HBO A&C are offered for 30 EC. There are also Pre-Master packages for individual students that vary in size.
 3. All courses and their modes of instruction are listed in Ocasys.
 4. In situations of force majeure, where it is not reasonably possible to teach in the manner indicated in Ocasys, it is possible to temporarily switch to another format of teaching and examination. This is also subject to the condition that the adopted learning goals continue to be achieved after the change of format.
 5. Each course of a Pre-Master's programme concludes with an examination. The examinations are conducted in the manner stated in Ocasys.
 6. Passing the Pre-Master's programme grants admission to the associated Master's degree programme or related Master's degree profile or track. To gain admission to the MSc Business Administration, MSc Economic Development and Globalization, MSc Human Resource Management, MSc International Business and Management, or MSc Marketing, prospective students also need to demonstrate sufficient knowledge of Mathematics which is determined at Dutch VWO Wiskunde A or B level.
 7. The contents and study load of the various Pre-Master's programmes are listed in Appendix 6.
 8. Admission requirements for the Pre-Master's programmes are laid down in Article 2.8.
 9. The stipulations concerning Pre-Master's programmes in the University of Groningen Regulations for Registration and Tuition Fees apply.

Article 8.9 Double Degree Bachelor's programmes

1. The Faculty of Economics and Business offers the Double Degree Bachelor's programmes as listed in Article 1.1.6, in collaboration with foreign partner universities.
2. A completed Double Degree Bachelor's programme gives entitlement to a bachelor diploma of both participating institutes.
3. Contents and scope of the Double Degree Bachelor's programmes can be found in Appendix 3.
4. The courses of the Double Degree Bachelor's programmes taken by students at a partner university are subject to the teaching and examination regulations of the university concerned.

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 goals of the course.
3. An examination can consist of several parts. The results of these parts together determine the exam result.
4. The way in which the multiple parts of an examination together determine the result of the examination is included in the Regulations for Grading Assignments and Partial Examinations.

Article 9.2 Participation in examinations

1. A student who registers for a course in the degree programme in accordance with Article 3.7 of the TER is automatically registered for the examination for that course.
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. Contrary to what is stated, some parts of the examination can be taken once a year due to the nature of the test.

Article 9.4 Types of examinations

1. Examinations will be taken using the method stated in Ocasys.
2. In situations of force majeure, when it is not reasonably possible to provide teaching and examinations in the method or manner stated in Ocasys, alternative modes of instruction and methods of assessment may temporarily be used. This is on condition that the prescribed learning goals are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.
3. At a student's request, the Board of Examiners may allow an examination to be taken in a form different from that stipulated above.
4. A mock version and answer model 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 regular degree programmes, students must have met the following requirements:
 - a) Students must have been definitively admitted to the post-propaedeutic phase
 - b) Students must have earned at least 60 EC from the post-propaedeutic phase of the programme.
 - c) The Bachelor's programme of the student must have been approved by or on behalf of the Board of Examiners

Moreover the following requirements hold:

 - d) for the Bachelor's programme Business Administration, profile TM: parallel taking or been taking the course Ontwerppraktijk BDK/TM (EBB103A05)
2. To be eligible for supervision and assessment of the Bachelor's Thesis IB (EBB737B10) as part of a double degree programme mentioned in Appendix 3.12, 3.13, 3.14, 3.15 and 3.16, students must have met the following requirements:
 - a) Students must have completed all courses that are part of the BSc IB programme year 1, mentioned in Appendix 3.10
 - b) Students who take part in a 90-EC-programme at FEB must have earned at least 45 EC of the BSc IB programme
 - c) Students who take part in a 120-EC-programme at FEB must have earned at least 65

- EC of the BSc IB programme
- d) The Bachelor's programme of the student must have been approved by or on behalf of the Board of Examiners
3. To be eligible for supervision and assessment of the Pre-MSc Research Paper in Pre-Master Business Administration, Pre-Master ED&G, Pre-Master HRM, Pre-Master IB&M and Pre-Master Marketing, the student must have completed the following courses with at least the mark 6:
 - a) Statistics for Pre-MSc (EBS027A05)
 - b) Research Skills Pre-MSc (EBS26A05)
 - c) In addition, the Pre-Master's programme of the student must have been approved by or on behalf of the Board of Examiners
 4. To be eligible for supervision and assessment of of the Research Paper for Pre-Master Finance (45 EC) and Pre-Master IFM (45 EC) the student must have completed the following courses with at least the mark 6:
 - a) Research Skills Pre-MSc Finance (EBS030A05)
 - b) Mathematics for Minor Finance (EBB112A05)
 - c) In addition, the Pre-Master's programme of the student must have been approved by or on behalf of the Board of Examiners.
 5. To be eligible for supervision and assessment of the Research Paper for Pre-Master A&C, Pre-Master IFM (30 EC), Pre-Master SCM and Pre-Master TOM, a student must have completed the following course with at least the mark 6:
 - a) Research Skills for Pre-MSc (EBS026A05)
 - b) In addition, the student's Pre-Master's programme must be approved by or on behalf of the Board of Examiners
 6. To be eligible for supervision and assessment of the Bachelor's Thesis EOR (EBB925A10) of the Pre-Master EORAS student must have completed the following courses with at least the mark 6:
 - a) Macro-economics for EOR (EBS020A05)
 - b) Convexity and Optimization (EBB151A05)
 - c) Statistical Interference (EBB075A05)
 - d) In addition, the student's Pre-Master's programme must be approved by or on behalf of the Board of Examiners
 7. Procedures with regard to admission to and supervision of the Research Paper for Pre-MSc are further elaborated in the Regulations for Theses BSc, MSc and Pre-MSc Research papers. These regulations are part of these TER.

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 exemption is granted for a writing a thesis on the basis of a thesis written of a different degree programme or a different profile.
4. The assessment procedure of the Bachelor's thesis is included in the Rules and Regulations of the Board of Examiners.
5. Procedures with regard to admission to and supervision at the Bachelor's thesis are included in the Regulations Theses BSc, MSc and Pre-MSc Research Papers. These Regulations are part of these Teaching and Examination Regulations.
6. A Bachelor's thesis is stored for at least 7 years by the Faculty Board.
7. All copyrights to theses and other independently written assignments that aim to assess a student's knowledge, understanding and skills in principle remain with the student in question. Anyone else who wishes to use the thesis or written assignment will need the student's permission. However, the University needs unconditional freedom to handle theses and written assignments in order to archive (possibly under embargo) and process them in accordance with the Dutch Inspectorate of Education and the WHW. All students are therefore required to give the University unconditional permission to perform these actions and must bear in mind that as students they are individually responsible for maintaining academic integrity.

Article 9.7 Oral examinations

1. In the case of an oral exam, no more than one person is examined at the same time, unless the Board of Examiners has determined otherwise. A second examiner may be

- present at the oral exam, at the request of the examiner and/or the student.
2. Oral examinations are public, unless the Board of Examiners or the relevant examiner has decided otherwise in a special case, or the student does not agree.

Article 9.8 Request extra-regular examination option

1. A student can request the Board of Examiners to grant an extra-regular examination option.
2. If not providing an extraregular examination option to a student were to lead to a 'special case of an unfairness of overriding nature', the Board of Examiners may decide to grant such a provision, contrary to the provisions of Article 9.3.
3. Further rules regarding the extra-regular examination option are included in the Rules and Regulations of the Board of Examiners and in the Regulations Overlapping Examinations.

Article 9.9 Examinations and performance disability

1. Students with a performance disability will be given the opportunity to take examinations in a form that will accommodate their disability 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 performance disability, 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.
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. For more regulations concerning assignments that are part of the exam, see the Regulations for Grading Assignments and Partial Examinations.

Article 9.11 Exemptions and Pass

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 or programme coordinator in question, may grant exemption from an examination on condition that the student:
 - a) either has completed a course of a university or higher vocational degree, in the Netherlands or abroad, that is equivalent in content and level
 - b) or can demonstrate by work experience or otherwise that sufficient knowledge and skills in respect of the course in question has been obtained
2. The stipulations of Article 10.3 apply to exemptions.
3. A course for which an exemption has been granted is indicated in the results list with: VR.
4. Once a result has been achieved for a course, both an exemption already obtained for that course will lapse and requests for an exemption for that course will not be admissible.

5. In certain cases, a pass for a course is awarded with a Voldoende or Pass. This is indicated in the results list with V.

Article 9.12 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 statement upon 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. The validity period of exemptions granted for courses or parts thereof is identical to that of examination results.
3. 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, understanding or skills are demonstrably outdated.
4. In the event of extraordinary circumstances the validity term will be extended for the period during which the student in question is receiving support from the Graduation Fund.
5. The validity period of examinations and partial examinations is regulated in the Regulations Grading Assignments and Partial Examinations.

Article 9.14 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, but no later than 5 working days before the date of the next resit examination of the relevant course, to exercise the right of inspection of the corrected work. Also on request and during the same period, the student will be provided with a copy of the work at cost price, i.e. the student's answers.
2. Within the timeframe stipulated in Article 9.14.1, any person involved may request that they be allowed to peruse the examination paper and -if possible- 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 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 at least:
 - a) one member who is a lecturer affiliated with one of the degree programmes that belong to the group of degree programmes and
 - b) one member from outside one of the degree programmes that belong to the cluster of degree programmes.
4. Members of the Faculty 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 and Pre-MSc Research Papers.
 6. The Board of Examiners will set out the Rules and Regulations of the Board of Examiners, also to assess and determine the results of exams, practical exercises and examinations.

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 one's own or someone else's knowledge, understanding and skills.
2. Fraud also includes plagiarism, which is copying one's own or someone else's work without correct reference to the source.
3. Students are obliged to give the University permission to use a plagiarism scanner to check their theses and written assignments for plagiarism. Each student is individually responsible for maintaining academic integrity.
4. If a student commits fraud, the Board of Examiners may exclude the student from participation in one or more examinations or assessments for a maximum of one year.
5. In the event of very serious fraud, the Board of Examiners may request a proposal to the Board of the University that the student's registration be definitively terminated.
6. 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 Judicium abeundi (termination of registration)

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 and 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 the student to be unsuitable for one or more of the professions which the student 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 Judicium Abeundi as approved by the Nederlandse Federatie van Universitaire Medische Centra [Dutch Federation of University Medical Centres] on 1 November 2010.
4. The stipulations in the University of Groningen Regulations for Registration and Tuition Fees apply.

Article 9.19 Assessment plan

For every programme there is an assessment plan that has been determined by the Faculty Board. This assessment plan is part of the TER and comprises the following topics:

- a) the learning outcomes of the degree programme
- b) the courses of the degree programme and the specific learning goals of each course
- c) the interrelationship between courses and learning outcomes of the degree programme
- 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 periodical 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 degree 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 or on behalf of the Board of Examiners. The Board of Examiners will determine regulations for the assessment of the degree 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 of Examiners 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 a pass (a mark of 6 or higher) for each examination has been obtained.
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, a request to this end must be submitted to the Board of Examiners no later than two weeks after the determination of the intended final assessment date.
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. The date on which the degree certificate is presented does not influence the graduation date.
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 degree programme in question.
2. The degree awarded shall be registered on the Bachelor's 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 Bachelor's student for that degree programme 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 Bachelor's 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 assessment. Article 10.3 is applicable.
2. A student receives only one degree certificate per degree 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 and relevant focus area's 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 curricular components, excluding the thesis, of the approved examination programme is:
 - greater than or equal to 8.0 for 'cum laude'
 - greater than or equal to 9.0 for 'summa cum laude'
3. The judicium predicate is awarded on condition that the examinations for the curricular courses were taken only once.
4. The judicium predicate may only be awarded if no single curricular course was awarded a mark less than 7.0.
5. To obtain a judicium cum laude or summa cum laude, no exemption may be registered for any curricular course.
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, Article 10.5.6.

Section 11 Study progress supervision

Article 11.1 Study progress administration

1. The Faculty Board takes care of the registration of the results of each student.
2. If requested the Faculty will provide each student with an overview of these results at least once a year.
3. In respect of the Double Degree programmes offered by the Faculty Economics and Business it is the joint responsibility of FEB and the partner universities to exchange obtained results.

Article 11.2 Study progress supervision

1. The Faculty Economics and Business 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.
2. 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. 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 Dutch and English version of the TER/OER

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

Article 12.3 Evaluation

1. The Faculty Board will ensure that the TER 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.
2. The Faculty Board evaluates the educational process periodically.

Article 12.4 Publication

1. The Faculty Board shall duly publish these Teaching and Examination Regulations, the Rules and Regulations formulated by the Board of Examiners, including supplementary documents, and any amendments to these documents.
2. Copies of the documents referred to in Article 12.4.1 are digitally available via the Faculty Education Office. These documents can also be found on the website of FEB (via Student Portal).

Article 12.5 Date of commencement

These regulations shall take effect on 1 September 2023.

Approved by the Programme Committees and Faculty Council on the legally determined parts on or before 31 August 2023.

As decreed by the Faculty Board on or before 31 August 2023.

Appendix 1 Aims and learning outcomes of the degree programmes

Graduates have the necessary skills to conduct research to apply the relevant disciplinary standards of responsible research and to report on such research in a way that satisfies the recognized standards in the field.

Appendix 1.1 BSc Business Administration

The aim of the Bachelor's degree programme BSc Business Administration is to train students to systematically analyse and improve organizations and processes. To this end, BSc Business Administration Bachelor's graduates have knowledge of business administration disciplines and the most important functional areas, such as Marketing, Finance and Accounting, Operations Management, Organizational Theory, Design and Behaviour and Human Resource Management. They are able to apply this knowledge in a methodologically sound way when dealing with organizational questions. BSc Business Administration Bachelor's graduates are business professionals with an academic and investigative 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. BSc Business Administration Bachelor's graduates have specialized in Accountancy and Controlling, Business and Management or Technology Management and have thus acquired in-depth knowledge and research skills in a recognizable subfield of the field of business administration. BSc 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.

A Knowledge

BSc 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.

BSc Business Administration Bachelor's graduates have academic knowledge and

understanding at a basic or solid/upper intermediate level of the most important models, methods, techniques and theories presently used in the following fields:

- A.1 Organization Studies and Behaviour in Organizations
- A.2 Operations Management and Information Management
- A.3 Finance and Accounting
- A.4 Marketing
- A.5 Strategy Determination and Environmental Analysis
- A.6 Law, ethics, sustainability & corporate responsibility

B Research

BSc 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.

BSc Business Administration Bachelor's graduates are able to:

- B.1 describe, model, diagnose and redesign organizations or parts thereof
- B.2 analyse, and critically evaluate a range of business data, sources of information, and methodologies
- B.3 conduct supervised research in a methodologically sound manner
- B.4 interpret and reflect on academic research results and to derive distil knowledge from such research to help solve business problems

C Skills

BSc 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.

BSc 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 communication skills, including professional and academic writing and presenting

Besides, BSc Business Administration Bachelor's graduates are able to:

- C.4 show digital and data literacy
- C.5 integrate insights from the core areas in their analyses of organizational issues
- C.6 reflect on their own learning process

Appendix 1.2 BSc Econometrics and Operations Research

The aim of the bachelor's degree programme BSc 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 Econometrics and Operations Research Bachelor's graduates are able to analyse economic and business 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 Econometrics and Operations Research 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 Econometrics and Operations Research Bachelor's 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 Econometrics and Operations Research Bachelor's graduates continue their studies at the master level.

A Knowledge

BSc Econometrics and Operations Research 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

BSc Econometrics and Operations Research 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.

BSc Econometrics and Operations Research Bachelor's graduates have basic academic knowledge and understanding of:

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

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

BSc Econometrics and Operations Research 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

BSc Econometrics and Operations Research Bachelor's graduates are able to apply this knowledge and understanding in the areas A1-A6 in order to solve practical problems.

BSc Econometrics and Operations Research Bachelor's graduates:

- A.10 have insight into the relationships between the subjects mentioned under A.1-A.9

B Research

Within the main areas of the programme BSc Econometrics and Operations Research 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, collect relevant quantitative data, and translate the outcomes of a mathematical model into practical answers
- B.3 apply the appropriate scientific methods and techniques, mathematics, economics, statistics and software
- B.4 conduct supervised routine research
- B.5 write and present reports and articles in English

C Skills

Within the main areas of the programme BSc Econometrics and Operations Research 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

Appendix 1.3 BSc Economics and Business Economics

The Bachelor's degree programme BSc Economics and Business Economics aims to provide a solid academic training in business economics (with an emphasis on finance), economics and (international) economic development, using English as language of communication. During the programme students choose either a Business Economics profile, an Economics profile, or an Economic Development and Globalization profile. The Business Economics profile approaches the behaviour and characteristics organizations from an analytical economic point of view. The Economics profile focuses on problems of macroeconomic and microeconomic theory and policy. The Economic Development and Globalization profile focuses on international economic development and globalization and its impact on firms' strategies and government policies. BSc Economics and Business Economics 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 of 30 EC consisting of a package of coherent courses.

A Knowledge

BSc Economics and Business Economics Bachelor's graduates (all three profiles) have academic knowledge and understanding at a basic or solid level of the most important models, methods, techniques and theories presently in use in the following 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)

BSc Economics and Business Economics Bachelor's graduates (all three profiles) 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)

BSc Economics and Business Economics 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)

BSc Economics and Business Economics Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyse and solve practical problems in business economics.

BSc Economics and Business Economics 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)

BSc Economics and Business Economics Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyse and solve practical problems in economics.

BSc Economics and Business Economics Bachelor's graduates with a profile in ED&G 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 Economics and International Economic Development (upper intermediate)
- A.13 Ethics of Business (basic)

BSc Economics and Business Economics Bachelor's graduates are able to apply the acquired knowledge and understanding in these areas to analyse and solve practical problems in economic development and globalization.

BSc Economics and Business Economics 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 deepened their knowledge and understanding within the domain of Economics and Business Economics.

B Research

BSc Economics and Business Economics Bachelor's graduates (all three profiles):

- B.1 have 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

C Skills

BSc Economics and Business Economics Bachelor's graduates (all three profiles):

- 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 have 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
- C.3 write and present reports and articles in English
- C.4 reflect on new and evolving scientific theories, economic or societal phenomena, including the functioning of organizations from an ethical viewpoint
- C.5 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.6 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

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. BSc International Business 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. BSc International Business Bachelor's graduates will be able to use an interdisciplinary and integral approach in defining, analysing and solving problems in multinational organizations. BSc International Business 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, BSc International Business Bachelor's graduates can opt for an academic career by continuing with a Master's programme or can fulfil junior positions in (multinational) corporations and (international) governmental organizations.

A. Knowledge

BSc International Business Bachelor's graduates have academic knowledge and understanding:

- A.1 at an intermediate level of theories, models and frameworks in the area of general management
- A.2 at an intermediate level of theories, models and frameworks in the main areas of international business, incorporating a diverse range of perspectives
- A.3 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 and are able to understand and explicate the ERS implications of international business organizations' strategies and actions

B. Research

BSc International Business Bachelor's graduates:

- B.1 have knowledge of the general methods of international business research, encompassing both qualitative and quantitative methods, and their application
- B.2 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.3 have a critical, inquisitive and reflective attitude and they are able to critically assess their own research and that of others and account for the theories, models and methods employed
- B.4 are able to utilize data science methods and/or spreadsheet software and/or other tools to synthesize, visualize, analyze, and interpret data relevant to strategic

decision making in international business organizations

C. Skills

BSc International Business Bachelor's graduates:

- C.1 are able to work together and communicate effectively in international and multicultural working environments and they are able to work in culturally diverse goal-oriented project groups in a culturally sensitive and inclusive fashion
- C.2 are able to define, schedule and allocate tasks and monitor their progress and implementation
- C.3 have a good command of the English language (both written and spoken).
- 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
- C.7 have cognitive skills of critical thinking, analysis and synthesis and they are able to think logically and analytically and distinguish between essentials and nonessentials
- C.8 are able to decide what knowledge is relevant to define, diagnose and solve real-world problems in (multi)-national organizations, paying special attention to potential interactions and relationships between problems
- C.9 advance their learning with a reasonable degree of autonomy

Appendix 2 Practical exercises in the propaedeutic phase

The following courses (see table) contain a practical exercise that has to be completed at a sufficient level in order to qualify for the examination and the assessment of the examination. This practical exercise consists of mandatory attendance at meetings and/or obligatory submission and/or presentation of intermediate products, and the connected interaction between supervisor and student. Details of the practical exercise are entered in the course manual. The result of the practical exercise is only valid in the (half)semester the course is offered.

course title	code
Academic Skills I	EBB046A05
Academic English for E&BE	EBB048A05
Academic Skills II	EBB050A05
Research Paper for E&BE	EBB078A05

Appendix 3 Bachelor 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 3.1 BSc Business Administration propaedeutic phase

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

Programme: BSc Business Administration/BA
Year: 1
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	Managing Digital Business	EBP040A05	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/EN

NB	<ul style="list-style-type: none"> For the course Organisatie en omgeving (EBP028A05) the lectures will be taught in English and the tutorials in Dutch.
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Appendix 3.2 BSc Business Administration post-propaedeutic phase

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

Programme: BSc Business Administration/BA
Year: 2
Profile: Accountancy and 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	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
1.2	Accounting for Management Control	EBB078A05	5	C	NL
1.2	Boekhouden A&C	EBB017B05	5	C	NL
1.2	Kwantitatieve onderzoeksmethoden	EBB051A05	5	C	NL
2.1	Financial Reporting and Consolidation	EBB047A05	5	C	NL
2.1	Introductie Ethiek en Recht BDK	EBB145A05	5	C	NL/EN
2.1	Research Design	EBB140A05	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 and Management/B&M

sem	course title	code	EC	C/E	lang
1.1	Financial Management BDK	EBB046A05	5	C	NL
1.1	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
1.1	Management- en Organisatietheorie	EBB054A05	5	C	NL
1.2	Accounting for Management Control	EBB078A05	5	C	NL
1.2	Kwantitatieve onderzoeksmethoden	EBB051A05	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	Introductie Ethiek en Recht BDK	EBB145A05	5	C	NL/EN
2.1	Research Design	EBB140A05	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	Kwalitatieve onderzoeksmethoden	EBB050A05	5	C	NL
1.1	Technologiemanagement	EBB059A05	5	C	NL
1.2	Kwantitatieve onderzoeksmethoden	EBB051A05	5	C	NL
1.2	Logistieke informatiesystemen	EBB057A05	5	C	NL/EN
1.2	Operations Management B&M/TM	EBB644B05	5	C	NL
2.1	Introductie Ethiek en Recht BDK	EBB145A05	5	C	NL/EN
2.1	Research Design	EBB140A05	5	C	NL
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Data Mining and its Applications	EBB056B05	5	C	EN
2.2	Design and Planning of Production	EBB058B05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	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	Introduction Tax Law for A&C	RGAFI20105	5	C	NL
1.2	Auditing Practices	EBB097A05	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	NL
1.2	Management Control for A&C	EBB102B05	5	C	EN
2.1-2	Bachelor's Thesis BDK-A&C	EBB924B10	10	C	NL
2.1	Ethics in Business and Management	EBB100A05	5	C	NL
2.1	Financial and Actuarial Calculus	EBB822B05	5	C	NL
2.2	Accounting Information Systems A&C	EBB096A05	5	C	EN
2.2	Corporate Law for A&C	EBB901C05	5	C	NL

NB	• Bachelor's Thesis BDK-A&C (EBB924B10) can also be taken in semester 1.
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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	EN
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor ED&G <i>or</i>		30	EG	EN
1.1-2	• minor Finance <i>or</i>		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Internship Business Research <i>or</i>		30	EG	EN
1.1-2	• minor Management Control <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 BDK-B&M	EBB731B10	10	C	NL
2.1	Ethics in Business and Management	EBB100A05	5	C	NL
2.1	Integrative Research Project	EBB101A05	5	C	NL
2.2	Contemporary Theories on B&M	EBB098A05	5	C	EN
2.2	Digital Business and Transformation	EBB139A05	5	C	EN

NB	<ul style="list-style-type: none"> • It is not allowed to combine parts of different minors. • The foreign minor may contain a maximum of 15 EC of non-economic and non-business subjects, including no more than one language course in the language of the foreign university (maximum 6 EC). • The courses of the foreign minor must be post-propaedeutic and may not overlap with the other courses of the BDK program that the student is taking. • Those students who wish to register for the Master's Degree Programme in Finance have to take the minor Finance. • Those students who wish to register for the Master's Degree Programme in ED&G have to take the minor ED&G. • The minor Algemene Economie voor de Lerarenopleiding is an entry requirement for the MSc Teacher of Preparatory Higher Education in Human and Social Sciences, track Economics and Business Economics. • A maximum of 15 students are admitted to the minor Internship Business Research. • Students BSc Business Administration are not allowed to choose the university minor Entrepreneurship. • Bachelor's Thesis BDK-B&M (EBB731B10) can also be taken in semester 1.
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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	EN
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor ED&G <i>or</i>		30	EG	EN
1.1-2	• minor Finance <i>or</i>		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Internship Business Research <i>or</i>		30	EG	EN
1.1-2	• minor Management Control <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 BDK-TM	EBB643C10	10	C	NL

2.1	Ethics in Business and Management	EBB100A05	5	C	NL
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.2	Ontwerppraktijk BDK-TM	EBB103A05	5	C	NL
2.2	Organisatie, technologie en verandering	EBB647B05	5	C	NL

NB	<ul style="list-style-type: none"> • It is not allowed to combine parts of different minors. • The foreign minor may contain a maximum of 15 EC of non-economic and non-business subjects, including no more than one language course in the language of the foreign university (maximum 6 EC). • The courses of the foreign minor must be post-propaedeutic and may not overlap with the other courses of the BDK program that the student is taking. • Those students who wish to register for the Master's Degree Programme in Finance have to take the minor Finance. • Those students who wish to register for the Master's Degree Programme in ED&G have to take the minor ED&G. • Students who have chosen for the profile Technology Management and finished Mathematics-B during High School may also choose courses (in consultation with the TM coordinator k.peters@rug.nl) from BSc Industrial Engineering and Management -if their schedule allows it- within their faculty-minor. They will need permission from the Board of Examinors upfront (examencie.feb@rug.nl). • The minor Algemene Economie voor de Lerarenopleiding is an entry requirement for the MSc Teacher of Preparatory Higher Education in Human and Social Sciences, track Economics and Business Economics. • A maximum of 15 students are admitted to the minor Internship Business Research. • Students BSc Business Administration are not allowed to choose the university minor Entrepreneurship. • Ontwerppraktijk BDK-TM (EBB103A05) can also be taken in semester 1.2. • Bachelor's Thesis BDK-TM (EBB643C10) can also be taken in semester 1.
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Programme: BSc Business Administration/BA
Year: 3
minor Algemene Economie voor de Lerarenopleiding (LO)

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
minor B&M/TM

sem	course title	code	EC	C/E	lang
1.1	Behavioural Decision Making	EBB104A05	5	E	EN
1.1	Data Engineering	EBB147A05	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	Purchasing & Supply Chain Management	EBB742B05	5	E	EN
1.1	Teamwork - Theories, Design and Dynamics	EBB110A05	5	E	EN

1.2	Data Science & Machine Learning	EBB146A05	5	E	EN
1.2	Digital Marketing Analytics	EBB105B05	5	E	EN
1.2	Healthcare Management	EBB132A05	5	E	EN
1.2	Innovation Management B&M	EBB107A05	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
minor Business and Taxation

sem	course title	code	EC	C/E	lang
1.1	Introduction to Tax Law non-law stud	RGAFI30510	10	C	NL
1.1	Wage Taxes	RGBFIO0105	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	NL
1.2	Private Law for non-law students	RGAPR70205	5	C	NL
1.2	Turnover Tax for non-law students	RGAFI30405	5	C	NL

Programme: BSc Business Administration/BA

Year: 3
minor Economic Development and Globalization

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	Econometrics for minor Finance	EBB111A05	5	C	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	C	EN
1.2	• Global Development Studies <i>or</i>	EBB921B05	5	EG	EN
1.2	• Technological Change and Innovation	EBB141A05	5	EG	EN

NB	• Students choose 5 EC from the option/elective group (EG).
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Programme: BSc Business Administration/BA

Year: 3
minor Finance

sem	course title	code	EC	C/E	lang
1.1	Asset Pricing for Pre-MSc & Minor Finance	EBB133A05	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 Minor Finance	EBB134A05	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

minor Innovation and 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

NB	<ul style="list-style-type: none"> This minor has a limited number of participants. Final admission to the minor is based on a letter of motivation (including resume). More details regarding application, admission and deadline for applying can be found on the minor I&E: https://www.rug.nl/feb/education/study-programmes/minor-ie?lang=en
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Programme: BSc Business Administration/BA
Year: 3
minor Internship Business Research

sem	course title	code	EC	C/E	lang
1.1-2	Business Research Project	EBB127A20	20	C	EN
1.1	• Behavioural Decision Making <i>and/or</i>	EBB104A05	5	EG	EN
1.1	• Data Engineering <i>and/or</i>	EBB147A05	5	EG	EN
1.1	• Entrepreneurship B&M/TM <i>and/or</i>	EBB106A05	5	EG	EN
1.1	• Introductie Lerarenopleiding <i>and/or</i>	EBB816B05	5	EG	NL
1.1	• Purchasing & Supply Chain Management <i>and/or</i>	EBB742B05	5	EG	EN
1.1	• Teamwork - Theories, Design and Dynamics <i>and/or</i>	EBB110A05	5	EG	EN
1.2	• Data Science & Machine Learning <i>and/or</i>	EBB146A05	5	EG	EN
1.2	• Digital Marketing Analytics <i>and/or</i>	EBB105B05	5	EG	EN
1.2	• Healthcare Management <i>and/or</i>	EBB132A05	5	EG	EN
1.2	• Innovation Management B&M <i>and/or</i>	EBB107A05	5	EG	EN
1.2	• Operations Strategy and Technology	EBB109A05	5	EG	EN

NB	<ul style="list-style-type: none"> Students choose 10 EC from the option/elective group (EG).
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Programme: BSc Business Administration/BA
Year: 3
minor Management Control

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	International Financial Management	EBB627A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	• Healthcare Management <i>or</i>	EBB132A05	5	EG	EN
1.2	• Innovation Management B&M <i>or</i>	EBB107A05	5	EG	EN
1.2	• Operations Strategy and Technology	EBB109A05	5	EG	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG).
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Appendix 3.3 BSc Econometrics and Operations Research propaedeutic phase

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

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

sem	course title	code	EC	C/E	lang
1.1	Introduction to Data Analytics	EBP041A05	5	C	EN
1.1	Math I: Calculus	EBP011C05	5	C	EN
1.1	OR Modelling	EBP821B05	5	C	EN
1.2	Math II: Linear Algebra	EBP042A05	5	C	EN
1.2	Probability Theory for EOR	EBP014B05	5	C	EN
1.2	Programming for EOR	EBP039A05	5	C	EN
2.1	Finance for EOR	EBP801B05	5	C	EN
2.1	Math III: Analysis	EBP043A05	5	C	EN
2.1	Microeconomics for EOR	EBP841B05	5	C	EN
2.2	Math IV: Multivariate Calculus	EBP013C05	5	C	EN
2.2	Probability Distributions	EBP038A05	5	C	EN
2.2	Statistical Modelling for EOR	EBP008B05	5	C	EN

Appendix 3.4 BSc Econometrics and Operations Research post-propaedeutic phase

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

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

sem	course title	code	EC	C/E	lang
1.1	Convexity and Optimization	EBB151A05	5	C	EN
1.1	Macroeconomics for EOR	EBB027B05	5	C	EN
1.1	Statistical Inference	EBB075A05	5	C	EN
1.2	Difference- & Differential Equations	EBB812A05	5	C	EN
1.2	Discrete Operations Research	EBB829B05	5	C	EN
1.2	Linear Models in Statistics	EBB072A05	5	C	EN
2.1	Introduction to Econometrics	EBB828A05	5	C	EN
2.1	Life Insurance	EBB827B05	5	C	EN
2.1	Queueing Theory and Simulation	EBB074A05	5	C	EN
2.2	Dynamic Econometrics	EBB813A05	5	C	EN
2.2	Game Theory	EBB872A05	5	C	EN
2.2	Risk Insurance	EBB863A05	5	C	EN

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

sem	course title	code	EC	C/E	lang
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Education Mathematics <i>or</i>		30	EG	NL
1.1-2	• minor EOR		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <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 EOR	EBB925A10	10	C	EN
2.1	Numerical Methods for EOR	EBB115A05	5	C	EN
2.1	Stochastic Models	EBB878A05	5	C	EN
2.2	elective BSc EOR		5	C	EN
2.2	Games, Competition and Markets	EBB148A05	5	C	EN

NB	<ul style="list-style-type: none"> • The minor EOR is recommended for students who wish to register for the MSc Econometrics, Operations Research & Actuarial Studies or a similar programme. • The minors Business and Taxation and Education Mathematics are taught in Dutch. • The courses of the study abroad programme (foreign minor) can contain a maximum of 15 EC that do not contribute to the learning outcomes of the BSc EOR, 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 postpropaedeutic and not overlap with the other courses of the BSc EOR programme followed by the student. The courses of the study abroad programme should be approved by the coordinator of the BSc EOR. • Students who already passed Introduction to Mathematical Economics (EBB872A05) need to take Game Theory (EBB872A05), listed under year 2 instead of Games, Competition and Markets (EBB148A05). • Students who do not choose the minor EOR can choose a course of this minor as elective BSc EOR. • Students who want to choose an elective that is not on the list have to contact the coordinator of the BSc EOR for approval. • It is not allowed to choose the university minor Entrepreneurship. • It is not allowed to combine parts of different minors. • Bachelor's Thesis EOR can also be taken in semester 1.
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Programme: BSc Econometrics and Operations Research/EOR
Year: 3
electives BSc EOR

sem	course title	code	EC	C/E	lang
1.1	Behavioural Corporate Finance	EBB087A05	5	E	EN
1.1	Behavioural Decision Making	EBB104A05	5	E	EN
1.1	C++ fundamentals	WBCS033-05	5	E	EN
1.1	Health Economics	EBB120A05	5	E	EN
1.1	Junior Business Research and Consulting	EBB123A05	5	E	EN
1.1	Metric and Topological Spaces	WBMA036-05	5	E	EN
1.1	Purchasing & Supply Chain Management	EBB742B05	5	E	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	E	EN
1.2	Complex Analysis	WBMA018-05	5	E	EN
1.2	Environmental and Resource Economics	EBB898B05	5	E	EN

1.2	Healthcare Management	EBB132A05	5	E	EN
1.2	Innovation Management B&M	EBB107A05	5	E	EN
1.2	International Financial Management	EBB627A05	5	E	EN
1.2	Junior Business Research and Consulting	EBB123A05	5	E	EN
1.2	Operations Strategy and Technology	EBB109A05	5	E	EN
1.2	Philosophy of Science	FI180WET	5	E	EN
1.2	Programming in C++	WBCS034-05	5	E	EN
1.2	Sports Economics	EBB920A05	5	E	EN
2.1	Advanced programming in C++	WBCS035-05	5	E	EN
2.1	Growth and Development Economics	EBB811B05	5	E	EN
2.1	Intermediate Macroeconomics	EBB842B05	5	E	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	E	EN
2.1	Junior Business Research and Consulting	EBB123A05	5	E	EN
2.1	Labour Economics	EBB840A05	5	E	EN
2.2	Intermediate Corporate Finance	EBB079B05	5	E	EN
2.2	International Financial Management	EBB627A05	5	E	EN
2.2	Junior Business Research and Consulting	EBB123A05	5	E	EN
2.2	Partial Differential Equations	WBMA008-05	5	E	EN
2.2	Political Economics	EBB886B05	5	E	EN
2.2	Probability and Measure	WBMA024-05	5	E	EN

Programme: BSc Econometrics and Operations Research/EOR

Year: 3
minor Business and Taxation

sem	course title	code	EC	C/E	lang
1.1	Introduction to Tax Law non-law stud	RGAFI30510	10	C	NL
1.1	Wage Taxes	RGBFI00105	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	NL
1.2	Private Law for non-law students	RGAPR70205	5	C	NL
1.2	Turnover Tax for non-law students	RGAFI30405	5	C	NL

Programme: BSc Econometrics and Operations Research/EOR

Year: 3
minor E&BE

sem	course title	code	EC	C/E	lang
1.1	Behavioural Corporate Finance	EBB087A05	5	E	EN
1.1	Data Engineering	EBB147A05	5	E	EN
1.1	Development Finance	EBB091A05	5	E	EN
1.1	Health Economics	EBB120A05	5	E	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	E	EN
1.2	Data Science & Machine Learning	EBB146A05	5	E	EN
1.2	Environmental and Resource Economics	EBB898B05	5	E	EN
1.2	Sports Economics	EBB920A05	5	E	EN

NB • Students choose 6 out of 8 courses.

Programme: BSc Econometrics and Operations Research/EOR
Year: 3
minor Education Mathematics

sem	course title	code	EC	C/E	lang
1.1	Basics of Teaching	ULOB0105	5	C	NL
1.1	Internship in lower secondary education1	ULOB0210	10	C	NL
1.2	Internship in lower secondary education2	ULOB0310	10	C	NL
1.2	Methodology of teaching in lower sec.	ULOB0405	5	C	NL

NB • The minor Education Mathematics is offered in Dutch and, after successful completion, results in a limited second-degree teaching qualification (vmbo-t and havo 1,2,3 and vwo 1,2,3).

Programme: BSc Econometrics and Operations Research/EOR
Year: 3
minor 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	Microeconometrics	EBB880C05	5	C	EN
1.2	Applied Operations Research	EBB888B05	5	C	EN
1.2	Digital Economy and Data Analytics	EBB149A05	5	C	EN
1.2	Empirical Econometrics	EBB113A05	5	C	EN

NB • Students who choose the minor EOR are allowed to replace up to 2 courses with not previously chosen courses from 'electives BSc EOR' (semester 1.1 and/or 1.2).

Programme: BSc Econometrics and Operations Research/EOR
Year: 3
minor Innovation and 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

NB • This minor has a limited number of participants. Final admission to the minor is based on a letter of motivation (including resume). More details regarding application, admission and deadline for applying can be found on the minor website.

Appendix 3.5 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 Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in EC:

Programme: DD BSc EOR – Fudan University, Shanghai
Year: 1
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
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

NB • Students from Fudan choose either study abroad (=foreign minor) or the minor EOR.

Appendix 3.6 BSc Economics and Business Economics propaedeutic phase

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

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

sem	course title	code	EC	C/E	lang
1.1	Introduction to E&BE	EBP044A05	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
2.1-2	Academic English for E&BE	EBP837C05	5	C	EN
2.1-2	Research Paper for E&BE	EBP035A05	5	C	EN
2.1	Marketing for E&BE	EBP033A05	5	C	EN
2.1	Statistics for E&BE	EBP822B05	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 3.7 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 EC):

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 E&BE	EBB061B05	5	C	EN
2.1	Human Resource Management for BE	EBB065A05	5	C	EN
2.2	Business Ethics, Sustainability and Law	EBB069B05	5	C	EN
2.2	Economics of Banking	EBB062A05	5	C	EN
2.2	Empirical Research Paper for E&BE	EBB063B05	5	C	EN

Programme: BSc Economics and Business Economics/E&BE
Year: 2
Profile: Economic Development and Globalization/ED&G

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	Microeconomics - Industrial Organization	EBB067A05	5	C	EN
1.2	Technological Change & Innovation	EBB141A05	5	C	EN
2.1	Capital Structure and Financial Planning	EBB060A05	5	C	EN
2.1	Econometrics for E&BE	EBB061B05	5	C	EN
2.1	Growth, Institutions and Business	EBB022A05	5	C	EN
2.2	Business Ethics, Sustainability and Law	EBB069B05	5	C	EN
2.2	Economics of Banking	EBB062A05	5	C	EN
2.2	Empirical Research Paper for E&BE	EBB063B05	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 E&BE	EBB061B05	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 E&BE	EBB063B05	5	C	EN
2.2	History of Economic Thought	EBB934A05	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 Business & Taxation <i>or</i>		30	EG	NL
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Management Control <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	Intermediate Corporate Finance	EBB079B05	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	<ul style="list-style-type: none"> • The study abroad programme (foreign minor) can contain a maximum of 15 EC 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. • It is not allowed to combine parts of different minors. • Students of profile BE are advised to take the two courses Marketing Research for E&BE (EBB085A05) and Financial Statement Analysis for E&BE (EBB081A05). However, these courses might be replaced by courses from the table of electives E&BE-BE. • Bachelor's Thesis E&BE-BE (EBB926C10) can also be taken in semester 1. • 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 Management Control. • Students BSc Economic and Business Economics are not allowed to choose the university minor Entrepreneurship.
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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 Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Management Control <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	<ul style="list-style-type: none"> • The study abroad programme (foreign minor) can contain a maximum of 15 EC 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. • It is not allowed to combine parts of different minors. • Fudan DD-students (profile Economics) can choose either the study abroad or the minor E&BE. • Students of profile Economics are advised to take the two courses Labour Economics (EBB840A05) and Political Economics (EBB886B05). However, these courses might be replaced by courses from the table electives E&BE-Economics. • Bachelor's Thesis E&BE-Economics (EBB908B10) can also be taken in semester 1. • 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 Management Control. • Students BSc Economic and Business Economics are not allowed to choose the university minor Entrepreneurship. 				
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Programme: BSc Economics and Business Economics/E&BE
Year: 3
Profile: Economic Development and Globalization/ED&G

sem	course title	code	EC	C/E	lang
1.1-2	• minor Business and Taxation <i>or</i>		30	EG	NL
1.1-2	• minor E&BE <i>or</i>		30	EG	EN
1.1-2	• minor Innovation and Entrepreneurship <i>or</i>		30	EG	EN
1.1-2	• minor Management Control <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-ED&G	EBB879C10	10	C	EN
2.1	Growth and Development Economics	EBB811B05	5	C	EN
2.1	• International Financial Markets <i>or</i>	EBB131A05	5	EG	EN
2.1	• elective BSc E&BE-ED&G		5	EG	EN
2.2	Sustainability and Globalization	EBB142A05	5	C	EN
2.2	• Trade and Firms <i>or</i>	EBB082B05	5	EG	EN
2.2	• elective BSc E&BE-ED&G		5	EG	EN

NB	<ul style="list-style-type: none"> • The study abroad programme (foreign minor) can contain a maximum of 15 EC 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. • It's not allowed to combine parts of different minors. • Fudan DD-students of profile ED&G can choose either the study abroad or the minor E&BE. • Students of profile ED&G are advised to take the two courses International Financial Markets (EBB131A05) and Trade and Firms (EBB082B05). However, these courses might be replaced by courses from the table electives E&BE-ED&G • Bachelor's Thesis E&BE-ED&G (EBB879C10) can also be taken in semester 1. • 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 Management Control. • Students BSc Economics and Business Economics are not allowed to choose the university minor Entrepreneurship.
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Programme: BSc Economics and Business Economics/E&BE

Year: 3
electives E&BE-BE

sem	course title	code	EC	C/E	lang
2.1	Growth and Development Economics	EBB811B05	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	Intermediate Microeconomics	EBB852B05	5	E	EN
2.2	Political Economics	EBB886B05	5	E	EN
2.2	Sustainability and Globalization	EBB143A05	5	E	EN
2.2	Trade and Firms	EBB082B05	5	E	EN

Programme: BSc Economics and Business Economics/E&BE

Year: 3
electives E&BE-Economics

sem	course title	code	EC	C/E	lang
2.1	Growth and Development Economics	EBB811B05	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	Financial Statement Analysis for E&BE	EBB081A05	5	E	EN
2.2	Intermediate Corporate Finance	EBB079B05	5	E	EN
2.2	Sustainability and Globalization	EBB143A05	5	E	EN
2.2	Trade and Firms	EBB082B05	5	E	EN

Programme: BSc Economics and Business Economics/E&BE
Year: 3
electives E&BE-ED&G

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	Financial Statement Analysis for E&BE	EBB081A05	5	E	EN
2.2	Intermediate Corporate Finance	EBB079B05	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
minor Business and Taxation

sem	course title	code	EC	C/E	lang
1.1	Introduction to Tax Law non-law stud	RGAFI30510	10	C	NL
1.1	Wage Taxes	RGBFI00105	5	C	NL
1.2	Global Corporate Taxation	EBB121A05	5	C	NL
1.2	Private Law for non-law students	RGAPR70205	5	C	NL
1.2	Turnover Tax for non-law students	RGAFI30405	5	C	NL

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

sem	course title	code	EC	C/E	lang
1.1	Behavioural Corporate Finance	EBB087A05	5	E	EN
1.1	Data Engineering	EBB147A05	5	E	EN
1.1	Development Finance	EBB091A05	5	E	EN
1.1	Health Economics	EBB120A05	5	E	EN
1.2	Behavioural and Experimental Economics	EBB086A05	5	E	EN
1.2	Data Science & Machine Learning	EBB146A05	5	E	EN
1.2	Environmental and Resource Economics	EBB898B05	5	E	EN
1.2	Sports Economics	EBB920A05	5	E	EN

NB • Students choose 6 out of 8 courses.

Programme: BSc Economics and Business Economics/E&BE
Year: 3
minor Innovation and 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
NB	<ul style="list-style-type: none"> This minor has a limited number of participants. Final admission to the minor is based on a letter of motivation (including resume). More details regarding application, admission and deadline for applying can be found on the minor website. 				

Programme: **BSc Economics and Business Economics/E&BE**
Year: **3**
 minor Management Control

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	International Financial Management	EBB627A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	<ul style="list-style-type: none"> Healthcare Management <i>or</i> 	EBB132A05	5	EG	EN
1.2	<ul style="list-style-type: none"> Innovation Management B&M <i>or</i> 	EBB107A05	5	EG	EN
1.2	<ul style="list-style-type: none"> Operations Strategy and Technology 	EBB109A05	5	EG	EN
NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG) semester 1.2. 				

Appendix 3.8 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 Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in EC:

Programme: **DD BSc E&BE-Economics – Fudan University, Shanghai**
Year: **1**
 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**
 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	<ul style="list-style-type: none"> Students from Fudan choose either study abroad (=foreign minor) or the minor E&BE. 				

Appendix 3.9 DD BSc E&BE-ED&G – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the BSc Economics and Business Economics, profile Economic Development and Globalization (ED&G) and the Undergraduate Programme Economics of Fudan University, School of Economics, Shanghai comprises the following courses and study load in EC:

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

Year: 1
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-ED&G		60	C	EN

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

Year: 2
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-ED&G		60	C	EN

NB • Students from Fudan choose either study abroad (=foreign minor) or the minor E&BE.

Appendix 3.10 BSc International Business propaedeutic phase

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

Programme: BSc International Business/IB

Year: 1
core programme BSc IB

sem	course title	code	EC	C/E	lang
1.1-2	Academic English for IB	EBP665D05	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	Financial Accounting for IB	EBP030A05	5	C	EN
1.2	Organizational Behaviour for IB	EBP654D05	5	C	EN
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 Trade and Competition	EBP031B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN

Appendix 3.11 BSc International Business post-propaedeutic phase

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

Programme: BSc International Business/IB

Year: 2

core programme BSc IB

sem	course title	code	EC	C/E	lang
1.1	Digital Transformation in IB	EBB632B05	5	C	EN
1.1	Firm Location and FDI	EBB037B05	5	C	EN
1.1	Fundamentals of Finance for IB	EBB631C05	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

core programme BSc IB

sem	course title	code	EC	C/E	lang
1.1-2	• study abroad (= foreign minor) <i>or</i>		30	EG	EN
1.1-2	• International Business Internship	EBB150A30	30	EG	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	<ul style="list-style-type: none"> • The courses of semester 2 can also be taken in semester 1. • The study abroad as well as International Business Internship (EBB142A30) 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 in the (official) language(s) of the host country. • The internship option is capped at 30 students per semester, based on application and selection, and the topic, which must have an explicit international business element, is subject to approval by the course coordination (Career Services). • The selection procedure for a spot in the internship minor will be aligned with the Study Abroad procedures and deadlines. How and when to apply for a spot in the internship minor will be communicated through the Study Abroad communication channels. Selection will be done based on motivation letters and (if needed) study progress.
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Appendix 3.12 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 Business and Economics of Universitas Gadjah Mada, Faculty of Economics and Business, Yogyakarta, Indonesia, comprises the following courses and study load in EC:

Programme: DD BSc IB - Universitas Gadjah Mada, Yogyakarta

Year: 1

core programme for DD-students from Yogyakarta

sem	course title	code	EC	C/E	lang
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Firm Location and FDI	EBB037B05	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
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 for IB	EBB635C05	5	EG	EN
NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG). Students take courses with a total of 65 EC in the first year and 25 EC in the second year. 				

Programme: DD BSc IB – Universitas Gadjah Mada, Yogyakarta

Year: 2

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 3.13 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 Business and Economics of the Universitas Indonesia, Faculty of Economics and Business, Jakarta, Indonesia, comprises the following courses and study load in EC:

Programme: DD BSc IB – Universitas Indonesia, Jakarta
Year: 1
core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1-2	Academic English for IB	EBP665D05	5	C	EN
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Firm Location and FDI	EBB037B05	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	Innovation Management in Multinationals	EBB034A05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN
2.2	• Global Political Economy <i>or</i>	EBB039B05	5	EG	EN
2.2	• International Business Law for IB	EBB635C05	5	EG	EN

NB • Students choose 5 EC from the option/elective group (EG).

Programme: DD BSc IB – Universitas Indonesia, Jakarta
Year: 2
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 3.14 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 Business and Economics of the Universitas Indonesia, Faculty of Economics and Business, Jakarta, Indonesia, comprises the following courses and study load in EC:

Programme: DD BSc IB – Universitas Indonesia, Jakarta (2-year)
Year: 1
core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1-2	Academic English for IB	EBP665D05	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 Law for IB	EBB635C05	5	C	EN
2.2	International Trade and Competition	EBP031B05	5	C	EN
2.2	Research Methodology for IB	EBP662C05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN

NB • Students take courses with a total of 65 EC in the first year and 55 EC in the second year.

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

Year: 2

core programme for DD students from Jakarta

sem	course title	code	EC	C/E	lang
1.1	Digital Transformation in IB	EBB632B05	5	C	EN
1.1	Empirical Research Project for IB	EBB044A05	5	C	EN
1.1	Firm Location and FDI	EBB037B05	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

Appendix 3.15 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 EC:

Programme: DD BSc IB – ITB, Bandung

Year: 1

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	Firm Location and FDI	EBB037B05	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	Research Methodology for IB	EBP662C05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN

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

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	International Financial Management	EBB627A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN

Appendix 3.16 DD BSc IB – KEDGE Business School, Bordeaux (4-year)

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

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 1
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
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
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
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: 3
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
core programme for DD students from Bordeaux

sem	course title	code	EC	C/E	lang
1.1-2	Introduction to International Business	EBP003A05	5	C	EN
1.1	Firm Location and FDI	EBB037B05	5	C	EN
1.1	Fundamentals of Finance for IB	EBB631C05	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	International Marketing for IB	EBP661C05	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: 4
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

Programme: DD BSc IB – KEDGE Business School, Bordeaux
Year: 4
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 4 Practical exercises in the post-propaedeutic phase

The following courses (see table) contain a practical exercise that has to be completed at a sufficient level in order to qualify for the examination and the assessment of the examination. This practical exercise consists of mandatory attendance at meetings and/or obligatory submission and/or presentation of intermediate products, and the connected interaction between supervisor and student. Details of the practical exercise are entered in the course manual. The result of the practical exercise is only valid in the (half)semester the course is offered.

course title	code
Academic Skills II	EBP022A05
Applied Operations Research	EBB888B05
Bachelor's Thesis BDK-A&C	EBB924B10
Bachelor's Thesis BDK-B&M	EBB731B10
Bachelor's Thesis BDK-TM	EBB643C10
Bachelor's Thesis E&BE-BE	EBB926C10
Bachelor's Thesis E&BE-Economics	EBB908B10
Bachelor's Thesis E&BE-ED&G	EBB879C10
Bachelor's Thesis EOR	EBB925A10
Bachelor's Thesis IB	EBB737B11
Empirical Econometrics	EBB113A05
Empirical Research Paper for E&BE	EBB063B05
Introductie Ethiek en Recht BDK	EBB145A05
Research Paper (5 EC) for Pre-MSc A&C	EBS019A05
Research Paper (5 EC) for Pre-MSc BA CM	EBS006A05
Research Paper (5 EC) for Pre-MSc BA Health	EBS022A05
Research Paper (5 EC) for Pre-MSc BA MAC	EBS009B05
Research Paper (5 EC) for Pre-MSc BA SB&E	EBS012A05
Research Paper (5 EC) for Pre-MSc BA SIM	EBS011B05
Research Paper (5 EC) for Pre-MSc ED&G	EBS015A05
Research Paper (5 EC) for Pre-MSc Finance	EBS007A05
Research Paper (5 EC) for Pre-MSc HRM	EBS013A05
Research Paper (5 EC) for Pre-MSc IB&M	EBS014A05
Research Paper (5 EC) for Pre-MSc IFM	EBS017A05
Research Paper (5 EC) for Pre-MSc Marketing	EBS008B05
Research Paper (5 EC) for Pre-MSc SCM	EBS010A05
Research Paper (5 EC) for Pre-MSc TOM	EBS016A05

Appendix 5 University Minors offered by FEB

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 Minor Energy

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

Minor name: minor Energy
Year: 3

sem	course title	code	EC	C/E	lang
1.1	Energy Case Study	EBB136A05	5	C	EN
1.1	Multidisciplinary Energy Essentials	EBB135A10	10	C	EN
1.2	Energy Research Project	EBB138A10	10	C	EN
1.2	Solving Energy Challenges	EBB137A05	5	C	EN

NB • FEB students are allowed to choose the university minor Energy.

Appendix 5.2 Minor Entrepreneurship

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

Minor name: minor Entrepreneurship
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	EBB126A05	5	C	EN
1.2	Entrepreneurship Project	EBB118B10	10	C	EN

NB • FEB students and students BSc Industrial Engineering and Management are not allowed to choose the university minor Entrepreneurship.
• This minor has a limited number of participants. Final admission to the minor is based on a letter of motivation (including resume). More details regarding application, admission and deadline for applying can be found on the minor website.

Appendix 6 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 6.1 Pre-Masters Accountancy and Controlling

The Pre-Master's programme Accountancy and Controlling for HBO, in preparation for the MSc Accountancy and Controlling has two specific variants (A and B) and one general variant (C):

- **A.** the Pre-Master Accountancy and Controlling for HBO-AC (30 EC)
- **B.** the Pre-Master Accountancy and Controlling for HBO-BE and HBO-Finance & Control (60 EC)
- **C.** the Pre-Master Accountancy and Controlling (60 EC)

A Pre-Master Accountancy and Controlling for HBO-AC (30 EC)

The Pre-Master's programme Accountancy and Controlling for HBO-AC (30 EC), in preparation for the MSc Accountancy and Controlling consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master A&C for HBO-AC (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Corporate Governance for A&C	EBB099B05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	Statistiek BDK	EBP624B05	5	C	NL

B Pre-Master Accountancy and Controlling for HBO-BE and HBO-Finance & Control (60 EC)

The Pre-Master's programme Accountancy & Controlling for HBO-BE and HBO-Finance & Control (60 EC), in preparation for the MSc Accountancy and Controlling consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master A&C for HBO-BE and HBO-Finance & Control (60 EC)

sem	course title	code	EC	C/E	lang
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Corporate Governance for A&C	EBB099B05	5	C	EN
1.2	Global Corporate Taxation	EBB121A05	5	C	NL
1.2	Management Control for A&C	EBB102B05	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	Statistics Pre-MSc A&C/SCM/TOM	EBS029A05	5	C	EN
2.2	Accounting Information Systems A&C	EBB096A05	5	C	EN
2.2	Introduction to Auditing	EBB049A05	5	C	NL
2.2	Corporate Law for A&C	EBB901C05	5	C	NL

C Pre-Master Accountancy and Controlling (60 EC)

The Pre-Master's programme Accountancy & Controlling (60 EC), in preparation for the MSc Accountancy and Controlling consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Accountancy and Controlling (60 EC)

sem	course title	code	EC	C/E	lang
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Internal Control (BSc)	EBB048A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Corporate Governance for A&C	EBB099B05	5	C	EN
1.2	Management Accounting for BE	EBB846C05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
2.1	Financial Accounting for Pre-MSc	EBS018A05	5	C	EN
2.1	Research Paper (5 EC) for Pre-MSc A&C	EBS019A05	5	C	EN
2.1	Statistics Pre-MSc A&C/SCM/TOM	EBS029A05	5	C	EN
2.2	Accounting Information Systems A&C	EBB096A05	5	C	EN
2.2	Financial Statement Analysis for E&BE	EBB081A05	5	C	EN
2.2	• Fundamentals of Auditing	EBS023A05	5	EG	EN
2.2	• Introduction to Auditing	EBB049A05	5	EG	NL
NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG). Students who plan to start with the Executive Master Accountancy after the MSc A&C choose Introduction to Auditing (EBB049A05). 				

Appendix 6.2 Pre-Master Algemene Economie voor de Lerarenopleiding (30 EC)

The Pre-Master's programme Algemene Economie voor de Lerarenopleiding (30 EC), in preparation for the (one year) MSc degree programme Teacher of Preparatory Higher Education in Human and Social Sciences, track Economics and Business Economics and the (two year) MSc Social Sciences and Humanities Education, track Economics and Business Economics (provided by the Faculty of Behavioural and Social Sciences of the University of Groningen), is taught in English and Dutch and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmess FEB
Year: 1
Programme: Pre-Master Algemene Economie voor de Lerarenopleiding (30 EC)

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

Appendix 6.3 Pre-Master BA – Change Management (30 EC)

The Pre-Master's programme Business Administration - Change Management (30 EC), in preparation for the MSc Business Administration, profile Change Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master - BA Change Management/CM (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Digital Transformation in IB	EBB632B05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA CM	EBS006A05	5	C	EN

Appendix 6.4 Pre-Master BA – Change Management (45 EC)

The Pre-Master's programme Business Administration - Change Management (45 EC), in preparation for the MSc Business Administration, profile Change Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master - BA Change Management/CM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Digital Transformation in IB	EBB632B05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA CM	EBS006A05	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 6.5 Pre-Master BA – Health (30 EC)

The Pre-Master's programme Business Administration - Health (30 EC), in preparation for the MSc Business Administration, profile Health, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA - Health (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Health Economics	EBB120A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN

1.2	Healthcare Management	EBB132A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA Health	EBS022A05	5	C	EN

Appendix 6.6 Pre-Master BA – Health (45 EC)

The Pre-Master's programme Business Administration - Health (45 EC), in preparation for the MSc Business Administration, profile Health, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA - Health (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Health Economics	EBB120A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Healthcare Management	EBB132A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA Health	EBS022A05	5	C	EN
2.2	Contemporary Theories on B&M	EBB098A05	5	C	EN
2.2	Design and Planning of Production	EBB058B05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN

Appendix 6.7 Pre-Master BA – Management Accounting and Control (30 EC)

The Pre-Master's programme Business Administration - Management Accounting and Control (30 EC), in preparation for the MSc Business Administration, profile Management Accounting and Control, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA – Management Accounting and Control/MAC (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Financial Statement Analysis for A&C	EBB116A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA MAC	EBS009B05	5	C	EN

Appendix 6.8 Pre-Master BA – Management Accounting and Control (45 EC)

The Pre-Master's programme Business Administration - Management Accounting and Control (45 EC), in preparation for the MSc Business Administration, profile Management Accounting and Control, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA – Management Accounting and Control/MAC (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Management Control for A&C	EBB102B05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA MAC	EBS009B05	5	C	EN
2.1	Financial Accounting for Pre-MSc	EBS018A05	5	C	EN
2.2	Financial Statement Analysis for E&BE	EBB081A05	5	C	EN
2.2	Sustainable Management Accounting	EBP017C05	5	C	EN

Appendix 6.9 Pre-Master BA – Small Business and Entrepreneurship (30 EC)

The Pre-Master's programme Business Administration - Small Business and Entrepreneurship (30 EC), in preparation for the MSc Business Administration, Small Business and Entrepreneurship, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA – Small Business & Entrepreneurship/SB&E (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA SB&E	EBS012A05	5	C	EN

Appendix 6.10 Pre-Master BA – Small Business and Entrepreneurship (45 EC)

The Pre-Master's programme Business Administration - Small Business and Entrepreneurship (45 EC), in preparation for the MSc Business Administration, profile Small Business and Entrepreneurship, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master BA – Small Business & Entrepreneurship/SB&E (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA SB&E	EBS012A05	5	C	EN
2.1	Human Resource Management B&M	EBB617B05	5	C	EN
2.2	Management of Product Innovation	EBB652B05	5	C	EN
2.2	Strategic Management B&M	EBB649C05	5	C	EN

Appendix 6.11 Pre-Master BA – Strategic Innovation Management (30 EC)

The Pre-Master's programme Business Administration - Strategic Innovation Management (30 EC), in preparation for the MSc Business Administration, profile Strategic Innovation Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master – BA Strategic Innovation Management/SIM (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Innovation Management B&M	EBB107A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA SIM	EBS011B05	5	C	EN

Appendix 6.12 Pre-Master BA – Strategic Innovation Management (45 EC)

The Pre-Master's programme Business Administration - Strategic Innovation Management (45 EC), in preparation for the MSc Business Administration, profile Strategic Innovation Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master – BA Strategic Innovation Management/SIM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Entrepreneurship B&M/TM	EBB106A05	5	C	EN

1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Innovation Management B&M	EBB107A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc BA SIM	EBS011B05	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 6.13 Pre-Master Econometrics, Operations Research & Actuarial Studies (60 EC)

The Pre-Master's programme Econometrics, Operations Research & Actuarial Studies (60 EC), in preparation for the MSc Econometrics, Operations Research & Actuarial Studies is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB

Year: 1

Programme: Pre-Master Econometrics, Operations Research & Actuarial Studies/EORAS (60 EC)

sem	course title	code	EC	C/E	lang
1.1	Convexity and Optimization	EBB151A05	5	C	EN
1.1	Macroeconomics for EOR	EBB027B05	5	C	EN
1.1	Statistical Inference	EBB075A05	5	C	EN
1.2	Difference- & Differential Equations	EBB812A05	5	C	EN
1.2	Discrete Operations Research	EBB829B05	5	C	EN
1.2	Probability Theory for EOR	EBP014B05	5	C	EN
2.1-2	Bachelor's Thesis EOR	EBB925A10	10	C	EN
2.1	Life Insurance	EBB827B05	5	C	EN
2.1	Stochastic Models	EBB878A05	5	C	EN
2.2	Dynamic Econometrics	EBB813A05	5	C	EN
2.2	Risk Insurance	EBB863A05	5	C	EN

Appendix 6.14 Pre-Master Economic Development and Globalization (45 EC)

The Pre-Master's programme Economic Development and Globalization (45 EC), in preparation for the MSc Economic Development and Globalization is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB

Year: 1

Programme: Pre-Master Economic Development and Globalization/ED&G (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Microeconomics for E&BE: Consumers&Firms	EBP819B05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	C	EN
1.2	Macroeconomics for E&BE	EBP812B05	5	C	EN

1.2	Technological Change & Innovation	EBB141A05	5	C	EN
2.1	Growth and Development Economics	EBB811B05	5	C	EN
2.2	Research Paper (5 EC) for Pre-MSc ED&G	EBS015A05	5	C	EN
2.2	Trade and Firms	EBB082B05	5	C	EN

Appendix 6.15 Pre-Master Economics

For students who cannot be directly admitted to the MSc Economics, the Admissions Board of the master programmes can, at the student's request, determine an individual Pre-Master's programme. At the same time as the individual programme the progress requirement after 1 year is set.

Appendix 6.16 Pre-Master Finance (45 EC)

The Pre-Master's programme Finance (45 EC), in preparation for the MSc Finance is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Finance (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Mathematics for minor Finance	EBB112A05	5	C	EN
1.2	Econometrics for minor Finance	EBB111A05	5	C	EN
1.2	Financial Accounting for E&BE	EBP802B05	5	C	EN
2.1	Intermediate Asset Pricing	EBB084A05	5	C	EN
2.1	Research Skills Pre-MSc Finance	EBS030A05	5	C	EN
2.2	Financial Statement Analysis for E&BE	EBB081A05	5	C	EN
2.2	Intermediate Corporate Finance	EBB079B05	5	C	EN
2.2	Research Paper (5 EC) for Pre-MSc Finance	EBS007A05	5	C	EN

Appendix 6.17 Pre-Master Human Resource Management (30 EC)

The Pre-Master's programme Human Resource Management (30 EC), in preparation for the MSc Human Resource Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Human Resource Management/HRM (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.1	Teamwork - Theories, Design and Dynamics	EBB110A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc HRM	EBS013A05	5	C	EN

Appendix 6.18 Pre-Master Human Resource Management (45 EC)

The Pre-Master's programme Human Resource Management (45 EC), in preparation for the MSc Human Resource Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Human Resource Management/HRM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.1	Teamwork - Theories, Design and Dynamics	EBB110A05	5	C	EN
1.2	Organization Theory & Design for Pre-MSc	EBS003A05	5	C	EN
1.2	Organizational Change for Pre-MSc	EBB634B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc HRM	EBS013A05	5	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

Appendix 6.19 Pre-Master International Business and Management (30 EC)

The Pre-Master's programme International Business and Management (30 EC), in preparation for the MSc International Business and Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master International Business & Management/IB&M (30 EC)

sem	course title	code	EC	C/E	lang
1.1	International Strategic Management	EBB628A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
1.2	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc IB&M	EBS014A05	5	C	EN

Appendix 6.20 Pre-Master International Business and Management (45 EC)

The Pre-Master's programme International Business and Management (45 EC), in preparation for the MSc International Business and Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master International Business & Management/IB&M (45 EC)

sem	course title	code	EC	C/E	lang
1.1	International Strategic Management	EBB628A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc IB&M	EBS014A05	5	C	EN
2.1	Comparative Country Studies	EBB686A05	5	C	EN
2.1	Empirical Research Project for IB	EBB044A05	5	C	EN
2.1	Managing Intern. Bus. Organizations Game	EBB638B05	5	C	EN
2.2	Ethics and International Business	EBB608B05	5	C	EN

Appendix 6.21 Pre-Master International Financial Management (30 EC)

The Pre-Master's programme International Financial Management (30 EC), in preparation for the MSc International Financial Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master International Financial Management/IFM (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	Mathematics for minor Finance	EBB112A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Financial Accounting for E&BE	EBP802B05	5	C	EN
1.2	International Financial Management	EBB627A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc IFM	EBS017A05	5	C	EN

Appendix 6.22 Pre-Master International Financial Management (45 EC)

The Pre-Master's programme International Financial Management (45 EC), in preparation for the MSc International Financial Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master International Financial Management/IFM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Fundamentals of Finance for IB	EBB631C05	5	C	EN
1.1	International Strategic Management	EBB628A05	5	C	EN
1.1	Mathematics for minor Finance	EBB112A05	5	C	EN
1.2	Financial Accounting for E&BE	EBP802B05	5	C	EN
1.2	Internat. Economics for Pre-MSc	EBS021A05	5	C	EN
2.1	Innovation Management in Multinationals	EBB034A05	5	C	EN

2.1	Research Skills Pre-MSc Finance	EBB030A05	5	C	EN
2.2	International Financial Management	EBB627A05	5	C	EN
2.2	Research Paper (5 EC) for Pre-MSc IFM	EBS017A05	5	C	EN

Appendix 6.23 Pre-Master Marketing (30 EC)

The Pre-Master's programme Marketing (30 EC), in preparation for the MSc Marketing, track Marketing Management and track Marketing Analytics and Data Science, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Marketing (30 EC)

sem	course title	code	EC	C/E	lang
1.1	Behavioural Decision Making	EBB104A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Digital Marketing Analytics	EBB105B05	5	C	EN
1.2	Marketing Research for Pre-MSc	EBS028A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc Marketing	EBS008B05	5	C	EN

Appendix 6.24 Pre-Master Marketing (45 EC)

The Pre-Master's programme Marketing (45 EC), in preparation for the MSc Marketing, track Marketing Management and track Marketing Analytics and Data Science, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Marketing (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Behavioural Decision Making	EBB104A05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.1	Statistics for Pre-MSc	EBS027A05	5	C	EN
1.2	Digital Marketing Analytics	EBB105B05	5	C	EN
1.2	Marketing Research for Pre-MSc	EBS028A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc Marketing	EBS008B05	5	C	EN
2.1	Human Resource Management B&M	EBB617B05	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 6.25 Pre-Master Supply Chain Management (45 EC)

The Pre-Master's programme Operations and Supply Chains (45 EC), in preparation for the MSc Supply Chain Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Supply Chain Management/SCM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Mathematics for E&BE	EBP817B05	5	C	EN
1.1	Purchasing & Supply Chain Management	EBB742B05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Operations Strategy and Technology	EBB109A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc SCM	EBS010A05	5	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.1	Statistics Pre-MSc A&C/SCM/TOM	EBS029A05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Design and Planning of Production	EBB058B05	5	C	EN

Appendix 6.26 Pre-Master Technology and Operations Management (45 EC)

The Pre-Master's programme Technology and Operations Management (45 EC), in preparation for the MSc Technology and Operations Management, is taught in English and consists of the following courses (with study load in EC):

Programmes: Pre-Master's programmes FEB
Year: 1
Programme: Pre-Master Technology and Operations Management/TOM (45 EC)

sem	course title	code	EC	C/E	lang
1.1	Mathematics for E&BE	EBP817B05	5	C	EN
1.1	Purchasing & Supply Chain Management	EBB742B05	5	C	EN
1.1	Research Skills Pre-MSc	EBS026A05	5	C	EN
1.2	Operations Strategy and Technology	EBB109A05	5	C	EN
1.2	Research Paper (5 EC) for Pre-MSc TOM	EBS016A05	5	C	EN
2.1	International Bus.& Supply Chain Market.	EBB609B05	5	C	EN
2.1	Statistics Pre-MSc A&C/SCM/TOM	EBS029A05	5	C	EN
2.1	Work Organization and Job Design	EBB601B05	5	C	EN
2.2	Design and Planning of Production	EBB058B05	5	C	EN

Appendix 7 HBO diplomas and Pre-Master's programmes

FEB has Pre-Master's programmes of various sizes: 60 EC, 45 EC, 30 EC and individually determined Pre-Master's programmes. The overview below shows which NVAO-accredited HBO diploma a candidate needs to access a Pre-Master's programme on a per programme basis.

Appendix 7.1 Accepted HBO diploma's Pre-Master's programmes

Pre-Master Accountancy and Controlling for HBO-AC (30 EC)

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

Pre-Master Accountancy and Controlling for HBO-BE and HBO-Finance & Control (60 EC)

- HBO Business Economics
- HBO Finance & Control
- HBO Accountancy (only those students who failed the Overall Examination (OAT))

Pre-Master Accountancy and Controlling (60 EC)

- All HBO degrees

Pre-Master Algemene Economie voor de Lerarenopleiding (30 EC)

- Dependent on assessment of the Admissions Board¹

Pre-Master Business Administration (all profiles) (45 EC)

- All HBO degrees

Pre-Master Business Administration (all profiles) (30 EC)

- Related HBO degrees according to the list Appendix 7.2

Pre-Master Econometrics, Operations Research and Actuarial Studies (all profiles) (60 EC)

- Dependent on assessment of the Admissions Board

Pre-Master Economic Development and Globalization (45 EC)

- All HBO degrees

Pre-Master Economics (all profiles) (individual programme with a set of courses determined by the Admissions Board)

- Dependent on assessment of the Admissions Board

Pre-Master Finance (all profiles) (45 EC)

- All HBO degrees

Pre-Master Human Resource Management (45 EC)

- All HBO degrees

Pre-Master Human Resource Management (30 EC)

- Related HBO degrees according to the list Appendix 7.2

Pre-Master International Business and Management (45 EC)

- All HBO degrees

Pre-Master International Business and Management (30 EC)

- Related HBO degrees according to the list Appendix 7.2

Pre-Master International Financial Management (45 EC)

- All HBO degrees

Pre-Master International Financial Management (30 EC)

- Related HBO degrees according to the list Appendix 7.2

Pre-Master Marketing (both tracks) (45 EC)

- All HBO degrees

Pre-Master Marketing (both tracks) (30 EC)

- Related HBO degrees according to the list Appendix 7.2

Pre-Master Supply Chain Management (45 EC)

- All HBO degrees

Pre-Master Technology and Operations Management (45 EC)

- All HBO degrees

1 To be eligible for admission to the (two-year) MSc Educatie in de Mens- en Maatschappijwetenschappen, track Economie en Bedrijfseconomie (MSc Social Sciences and Humanities Education - Economics and Business), the candidate coming from an HBO education must be eligible for admission to at least one of the following Master's programmes: MSc Econometrics, Operations Research and Actuarial Studies, MSc Economics, MSc Economic Development and Globalization, 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's programme of one of these programmes.

Appendix 7.2 Related HBO degrees with regard to access to Pre-Master BA (30 EC), Pre-Master IFM (30 EC), Pre-Master IB&M (30 EC), Pre-Master HRM (30 EC), Pre-Master Marketing (30 EC)

Dutch HBO bachelor diploma	CROHO	Pre-MSc BA CM, MAC, SIM, SB&E	Pre-MSc BA Health	Pre-MSc IFM	Pre-MSc IB&M	Pre-MSc HRM	Pre-MSc Marketing
Accountancy	34406	V	V	V	X	X	V
Bedrijfseconomie	34401	V	V	V	V	X	V
Bedrijfskunde MER	34139	V	V	V	V	X	V
Bedrijfskunde	34035	V	V	V	V	X	V
Bedrijfskunde en Agribusiness	34866	V	V	V	V	X	X
Bedrijfsmanagement MKB	34106	V	V	V	V	X	V
Business IT & Management	39118	V	V	V	X	X	X
International Business Management (Tio)	34144	V	V	V	V	X	V
Business Studies	34145	V	V	V	V	X	V
Commercieel Management	34126	V	V	V	V	X	V
Commerciële Economie/Speco CE	34402	V	V	V	V	X	V
Financial Services Management	34414	V	V	V	X	X	V
Finance & Control	35520	V	V	V	X	X	V
Finance, Tax and Advise	35517	V	V	V	X	X	V
Human Resource Management	34609	X	X	X	X	V	X
Hogere Managementopleiding voor de Mobiliteitsbranche (IVA)	34935	X	X	V	X	X	X
Industrial Engineering & Management (Technische BDK)	34421	V	V	V	V	X	X
International Business and Languages	34407	V	V	V	V	X	V
International Business and Management Studies	34936	V	V	V	V	X	V
International Business	30029	V	V	V	V	X	V

International Business & Entrepreneurship	30031	V	V	V	V	X	V
Management in de Zorg	34538	X	V	X	X	X	X
Ondernemerschap & Retail Management	35523	V	V	V	V	X	V
Small Business & Retail Management	34422	V	V	V	V	X	V
Trade Management Azie	34041	V	V	V	V	X	X

- V = accepted
- X = not accepted

Appendix 8 Substitution and transition regulations

Appendix 8.1 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 2023-2024 there will be two opportunities to take this resit. This applies only to courses offered for the last time in 2022-2023. 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 2023-2024 for the course of the old programme. This applies only to courses offered for the last time in 2022-2023. The resit examination periods may deviate from those of the academic year 2022-2023.
- The notes in Appendix 8.1.1 apply to the substitution and transition regulations of all Bachelor's degree programmes and Pre-Master's programmes including DD Bachelor's programmes (part UG).
- Transition regulations are designed for students who follow the new curriculum of their programme and who have rounded off (a) course(s) in (an) older programme(s).

Appendix 8.2 BSc Business Administration (BA): substitution regulation

BSc BA substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 8.1)
Informatiemanagement (EBP024A05)	2.1	Managing Digital Business (EBP040A05)	2.1	option 2
Ethics in Business and Management (EBB100A05)	2.1	Ethics in Business and Management (EBB100A05)	2.1	option 1 (teaching language NL instead of EN)

Juridische aspecten van bedrijfskunde (EBB053B05) (if student has passed Ethics B&M already, or plans to pass this course in 2023-2024)	2.1			option 3
Juridische aspecten van bedrijfskunde (EBB053B05) (if student did not pass Ethics B&M yet and is not planning to pass this course in 2023-2024)	2.1	Introductie Ethiek & Recht BDK (EBB145A05)	2.1	option 2*

* if students opt to follow the new course Introductie Ethiek & Recht BDK, then they need to also follow the new course that will replace Ethics in Business and Management per 2024-2025. Ethics in Business and Management will be offered for one last time in 2023-2024 as such. So, for an approved BDK programme students can choose between these two combinations of courses:

1. Juridische Aspecten van bedrijfskunde and Ethics in Business and Management or
2. Introductie Ethiek & Recht BDK and the replacement course for Ethics in Business and Management (yet to be developed, per 2024-2025)

Appendix 8.3 BSc Econometrics and Operations Research (EOR): substitution regulation

BSc EOR substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 8.1)
Mathematics I for EOR (EBP011B05)	1.1	Math I: Calculus (EBP011C05)	1.1	option 1
Mathematics II for EOR (EBP012B05)	1.2			option 3
Linear Algebra for EOR (EBP037A05)	2.1			option 3
Multivariate Calculus (EBP013B05)	2.2	Math IV: Multivariate Calculus (EBP013C05)	2.2	option 1
Estimation and Testing (EBP036A05)	2.2	Introduction to Data Analytics (EBP041A05)	1.1	option 2
Matrices, Graphs and Convexity (EBB073A05)	1.1	Convexity and Optimization (EBB073B05)	1.1	option 2
Introduction to Operations Research (EBB829A05)	1.2	Discrete Operations Research (EBB829B05)	1.2	option 1
Introduction to Actuarial Science (EBB827A05)	2.1	Life Insurance (EBB827B05)	2.1	option 1
Introduction to Mathematical Economics (EBB830A05)	2.2	Games, Competition and Markets (EBB148A05)	2.2	option 2
Generalized Linear Models (EBB883B05)	1.2	Digital Economy and Data Analytics (EBB149A05) OR Statistical Modelling (WBMA028-05)	1.2 1.2	option 2

Appendix 8.4 BSc Economics and Business Economics (E&BE): substitution regulation

BSc E&BE substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 8.1)
International Business for E&BE (EBP808C05)	1.1	Introduction to E&BE (EBP031B05)	1.1	option 1

Appendix 8.5 BSc International Business (IB): substitution regulation

BSc IB substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 8.1)
International Business Environment (EBP031A05)	2.2	International Trade and Competition (EBP031B05)	2.2	option 1
Management Accounting for IB (EBP017B05)	2.2	Sustainable Management Accounting (EBP017C05)	2.2	option 1
Finance and Risk Management for IB (EBB631B05)	1.1	Fundamentals of Finance for IB (EBB631C05)	1.1	option 1
Foreign Dir. Investment, Trade & Geogr. (EBB037A05)	1.1	Firm Location and FDI (EBB037B05)	2.1	option 1
International Business Internship (EBB142A20)	1.1-2	International Business Internship** (EBB150A30)	1.1-2	option 3 (from 20 EC to 30 EC)

** the Internship will be offered as of 2023-24 as an alternative for the foreign minor

Appendix 8.6 Pre-Master's programmes: substitution regulation

Pre-Master substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 8.1)
Research Paper for Pre-MSc A&C (EBS019A10)	2.1-2	Research Paper (5 EC) for Pre-MSc A&C (EBS019A05)	2.1	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc ED&G (EBS015B10)	2.1-2	Research Paper (5 EC) for Pre-MSc ED&G (EBS015A05)	2.2	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc EORAS (EBS025A10)	2.1-2	Bachelor's Thesis EOR (EBB925A10)	2.1-2	option 1
Research Paper for Pre-MSc Finance (EBS007B10)	2.1-2	Research Paper (5 EC) for Pre-MSc Finance (EBS007A05)	2.2	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc HRM (EBS013A10)	2.1-2	Research Paper (5 EC) for Pre-MSc HRM (EBS013A05)	1.2	option 3 (from 10 EC to 5 EC)

Research Paper for Pre-MSc IB&M (EBS014A10)	2.1-2	Research Paper (5 EC) for Pre-MSc IB&M (EBS014A05)	1.2	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc IFM (EBS017A10)	2.1-2	Research Paper (5 EC) for Pre-MSc IFM (EBS017A05)	1.2	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc SCM (EBS010C10)	2.1-2	Research Paper (5 EC) for Pre-MSc SCM (EBS010A05)	1.2	option 3 (from 10 EC to 5 EC)
Research Paper for Pre-MSc TOM (EBS016B10)	2.1-2	Research Paper (5 EC) for Pre-MSc TOM (EBS016A05)	1.2	option 3 (from 10 EC to 5 EC)
Business Research Methods for Pre-MSc (EBS001A10)	1.2			option 3

Appendix 8.7 BSc Business Administration (BA): transition regulation

BSc BA transition regulation 2023-2024		
course in NEW programme (2023-24)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Managing Digital Business (EBP040A05)	2.1	Informatiemanagement (EBP024A05)
Ethics in Business and Management (EBB100A05) teaching language EN	2.1	Ethics in Business and Management (EBB100A05) (teaching language NL instead of EN)
Introductie Ethiek & Recht BDK (EBB145A05)	2.1	Juridische aspecten van bedrijfskunde (EBB053B05) (if student did not pass Ethics B&M yet and is not planning to pass this course in 2023-2024)

Appendix 8.8 BSc Economics and Business Economics (E&BE): transition regulation

BSc E&BE transition regulation 2023-2024		
course in NEW programme (2023-24)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Introduction to E&BE (EBP031B05)	1.1	International Business for E&BE (EBP808C05)

Appendix 8.9 BSc Econometrics and Operations Research (EOR): transition regulation

BSc EOR transition regulation 2023-2024		
course in NEW programme (2023-24)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Introduction to Data Analytics	1.1	Estimation and Testing (EBP036A05)
Math I: Calculus (EBP011C05)	1.1	Mathematics I for EOR (EBP011B05)

Math IV: Multivariate Calculus (EBP013C05)	2.2	Multivariate Calculus (EBP013B05)
Math II: Linear Algebra (EBP042A05) AND Math III: Analysis (EBP043A05) AND MATH V: Advanced Linear Algebra (no code yet) (second year course, offered as of 2024-2025)	1.2 2.1 ?	Mathematics II for EOR (EBP012B05) AND Linear Algebra for EOR (EBP037B05) AND Difference- & Differential Equations (EBB812B05) (second year course, still offered in 2023-2024)
Convexity and Optimization (EBB073B05)	1.1	Matrices, Graphs and Convexity (EBB073A05)
Discrete Operations Research (EBB829B05)	1.2	Introduction to Operations Research (EBB829A05)
Life Insurance (EBB827B05)	2.1	Introduction to Actuarial Science (EBB827A05)
Games, Competition and Markets (EBB148A05)	2.2	Introduction to Mathematical Economics (EBB830A05)
Digital Economy and Data Analytics	1.2	Generalized Linear Models (EBB883B05)

Appendix 8.10 BSc International Business (IB): transition regulation

BSc IB transition regulation 2023-2024		
course in NEW programme (2023-24)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
International Trade and Competition (EBP031B05)	2.2	International Business Environment (EBP031A05)
Sustainable Management Accounting (EBP017C05)	2.2	Management Accounting for IB (EBP017B05)
Fundamentals of Finance for IB (EBB631C05)	1.1	Finance and Risk Management for IB (EBB631B05)
Firm Location and FDI (EBB037B05)	2.1	Foreign Dir. Investment, Trade & Geogr. (EBB037A05)

Appendix 8.11 Pre-Master's programmes: transition regulation

Pre-Master transition regulation 2023-2024		
course in NEW programme (2023-24)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Bachelor's Thesis EOR (EBB925A10)	2.1-2	Research Paper for Pre-MSc EORAS (EBS025A10)

II TER Master 2023-2024

Teaching and Examination Regulations Master's degree programmes 2023-2024

Section 1 General provisions

Article 1.1 Applicability of these regulations

1. The Teaching and Examination Regulations (OER: Onderwijs- en Examenregeling) set out the specific rights and obligations that apply to each degree programme taught at the University of Groningen, for both the students and the degree programme. The University-wide section of the Student Charter sets out the rights and obligations that apply to all students.
These Teaching and Examination Regulations (TER) apply to the teaching, the examinations and assessment of the following Master's degree programmes including underlying profiles or tracks:
 - a) MSc Accountancy and Controlling (A&C), CROHO code 60643
 - b) MSc Business Administration (BA), CROHO code 60644
 - c) MSc Econometrics, Operations Research and Actuarial Studies (EORAS), CROHO code 60646
 - d) MSc Economic Development and Globalization (ED&G), CROHO code 60963
 - e) MSc Economics, CROHO code 66401
 - f) MSc Finance, CROHO code 60046
 - g) MSc Human Resource Management (HRM), CROHO code 60645
 - h) MSc International Business and Management (IB&M), CROHO code 60649
 - i) MSc International Financial Management (IFM), CROHO code 60683
 - j) MSc Marketing, CROHO code 60048
 - k) MSc Supply Chain Management (SCM), CROHO code 60093
 - l) MSc Technology and Operations Management (TOM), CROHO code 66277
 - m) Research Master in Economics and Business (ReMa E&B), CROHO code 60315
 - n) Executive Master of Accountancy (EMA), CROHO code 75061
 - o) Executive MBA (EMBA), CROHO code 75045
 - p) Executive Master of Finance and Control (EMFC), CROHO code 75019
 - q) Executive Master Mergers & Acquisitions and Valuation (EMMAV), CROHO code 75142
 Hereinafter referred to as 'the degree programmes', and to all students enrolled in one of the degree programmes.
2. The degree programmes are organized by the Faculty of Economics and Business 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 taken by FEB-students of other degree programmes than mentioned in Article 1.1, other faculties or institutes of higher education 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 Double Degree Master programmes offered by the Faculty in collaboration with partner universities abroad, i.e.:
 - a) Double Degree of the **MSc Accountancy and Controlling** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
 - b) Double Degree of the **MSc Business Administration** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
 - c) Double Degree of the **MSc Econometrics, Operations Research and Actuarial Studies** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
 - d) Double Degree of the **MSc Economic Development and Globalization** (FEB) and the MA in International Economy and Business of the Corvinus University, Budapest, Hungary.
 - e) Double Degree of the **MSc Economic Development and Globalization** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.

- f) Double Degree of the **MSc Economic Development and Globalization** (FEB) and the MA in International Economics, specialization Development Economics of the Georg-August University, Göttingen, Germany.
- g) Double Degree of the **MSc Economic Development and Globalization** (FEB) and the MSc Economic Development and Growth of the Lund University, Lund, Sweden.
- h) Double Degree of the **MSc Economics** (FEB) and the MSc Economic Analysis of the Universidad de Chile, Santiago, Chili.
- i) Double Degree of the **MSc Economics** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
- j) Double Degree of the **MSc Finance** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
- k) Double Degree of the **MSc Finance** (FEB) and the MSc Finance and Risk Management of the Universitatea Alexandru Ioan Cuza, Iasi, Romania.
- l) Double Degree of the **MSc Finance** (FEB) and the MSc Finance of Lund University, Lund, Sweden.
- m) Double Degree of the **MSc International usiness and Management** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
- n) Double Degree of the **MSc International Business and Management** (FEB) and the MSc Advanced International Business Management & Marketing of the Newcastle University Business School, Newcastle, UK.
- o) Double Degree of the **MSc International Financial Management** (FEB) and the MSc 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 Laurea Magistrale in Banking and Finance of Università Cattolica del Sacro Cuore (UCSC). Milan, Italy.
- q) Double Degree of the **MSc Marketing** (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University School of Economics, Shanghai, China.
- r) Double Degree of the **MSc Marketing**, track Marketing Analytics and Data Science (FEB) and the MSc Business Administration, specializations Marketing and Finance of the Münster University School of Economics and Business, Münster, Germany.
- s) Double Degree of the **MSc Marketing**, track Marketing Analytics and Data Science (FEB) and the MSc Business Administration, specializations Marketing and Information Systems of the Münster University School of Economics and Business, Münster, Germany.
- t) Double Degree of the **MSc Marketing**, track Marketing Analytics and Data Science (FEB) and the MSc Strategic Marketing Management of the BI Norwegian Business School, Oslo, Norway.
- u) Double Degree of the **MSc Technology and Operations Management** (FEB) and the MSc Operations and Supply Chain Management of the Newcastle University Business School, Newcastle, UK.

Hereinafter Article 1.1.5.a. to Article 1.1.5.u are 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 the university concerned. The Faculty of Economics and Business of UG 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 Regulations¹:

- a. Act, WHW: Wet op het hoger onderwijs en wetenschappelijk onderzoek (Higher Education and Research Act).
- b. Student: a person who is enrolled as a Master student at the University of Groningen after having paid a tuition fee. The student's 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.

¹ For the other terms, not further specified in Article 1.2, the definitions as mentioned in the WHW apply.

- d. Profile: a specialization of a degree programme, approved by the Faculty Board.
- e. Module or course: a part of the degree programme as defined in Article 7.3 of the Act.
- f. Ocasys: the digital 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 as referred to in Article 7.4 of the Act 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 (Pre-MSc) programme: a programme intended to remedy deficiencies for admission to a Master's degree programme.
- i. Examination: inquiry into knowledge, insight and skills of the student with regard to a unit of study as well as the assessment of the results of the investigation. An exam can consist of several parts. The results of these parts together determine the examination result (as described in: Regulations for Grading Assignments and Partial Examinations).
- j. Final assessment: the final assessment for the Master's degree, which is considered to be passed once all the requirements of the entire Master's degree programme have been satisfied.
- k. Examiner: a person appointed by the Board of Examiners, according to Article 7.12 of the Act, to set examinations and determine their results.
- l. Academic year: the period of time that starts on 1 September and ends on 31 August of the following year.
- m. 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 (semester 1), or starting on the aforementioned date determined by the CvB and ending on 31 August (semester 2). A semester may be divided into two blocks.
- n. Practical: a practical exercise, 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 fieldwork or an excursion
 - completion of a placement or internship
 - participation in another educational activity designed to learn certain skills
- o. Board of Examiners: the independent body with the duties and powers as stated in Articles 7.11, 7.12, 7.12.b and 7.12.c of the Act, including assessing whether the requirements of the final assessment have been met.
- p. Admissions Board: the Board that has decision-making powers in matters concerning admission to the degree programme on behalf of the Faculty Board.
- q. Dual degree programme: a degree programme within the meaning of Article 7.7.a.3 of the Act.
- r. Programme committee (OC): the consultative and advisory body that fulfils the duties referred to in Article 9.18 and 9.38.c of the Act.

- s. University Board (CvB): the Board of the University of Groningen.
- t. Faculty Board (FB): the Board of the Faculty of Economics and Business of the University of Groningen.
- u. Faculty Council (FC or FR): the participation council that fulfils the duties referred to in Article 9.37 (a.f.) of the Act.
- v. SOM: acronym of System, Organization, Management: the name of the Research School of FEB.
- w. Extraordinary circumstances: circumstances as defined in Article 7.51 of the Act, which have to be taken into consideration in the decision as defined in Article 5.4.2. The implementation of Article 7.51 of the Act is set out in the Regulations governing the UG Graduation Fund 2023-2024. At a minimum, these regulations define extraordinary circumstances as: disability or chronic illness, illness, pregnancy and delivery, extraordinary family circumstances, an insufficiently feasible degree programme, students with elite sport status (as issued by the elite sport coordinator), students with the status of 'top student entrepreneur' (as issued by the UGCE) and membership of a consultative participation body.
- x. Academic integrity: information about academic integrity and the related procedures can be found on the UG website: <https://www.rug.nl/about-ug/organization/rules-and-regulations/general/gedragcodes-nederlandse-universiteiten/wetenschappelijke-integriteit>
- y. CROHO: Centraal Register Opleidingen Hoger Onderwijs (Central register of higher education programmes in The Netherlands). Contains data from past, current and future programmes of Dutch higher professional education (HBO) and university education institutions.
- z. Track: a specialization within an accredited study program that has the structure of an independent programme and approved by the University Board.
- aa. Thesis: final report of a scientific study to complete a degree programme.

Section 2 Qualifications and admission to the degree programmes

Article 2.1 Start of the degree programmes in academic year 2023-2024

1. The degree programmes commence twice a year: at 1 September and at 1 February.
2. Contrary to the provisions of Article 2.1.1 the Research Master in Economics and Business (research) degree programme and the Executive Master Mergers & Acquisitions and Valuation degree programme only start at 1 September and the Executive Master of Finance and Control degree programme starts on 1 September and 1 March.
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 on one of the start dates mentioned in Article 2.1.1, 2.1.2 or 2.1.3.
5. Contrary to the provisions of Article 2.1.3 and 2.1.4, registration for the Executive Master of Finance and Control degree programme is also possible from 1 October, 1 March, 1 April and registration for the Executive Master Mergers & Acquisitions and Valuation degree programme is also possible from 1 October and registration for the Executive MBA degree programme is also possible from 1 October, 1 November, 1 January, 1 February and 1

- May and registration for the Executive Master of Accountancy degree programme is also possible at the start of every month.
6. In special cases, the Admissions Board may grant admission at a different time.

Article 2.2 Qualifications and entry requirements

1. Eligible for admission to the MSc Accountancy and Controlling degree programme are holders of one of the following diplomas:
- BSc Business Administration, profile Accountancy and Controlling of the RUG
 - HBO Accountancy, provided they have passed the Overall Examination (AOT) and have completed the Pre-master's programme A&C for HBO-AC
 - HBO Accountancy, in case they failed the Overall Examination (AOT), provided they have completed the Pre-master's programme A&C for HBO-BE or HBO-Finance & Control
 - HBO Business Economics and HBO Finance & Control, provided they have completed the Pre-master's programme A&C for HBO-BE or HBO-Finance & Control
 - Other HBO programmes, provided they have completed the Pre-master's programme A&C

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

- BSc Bedrijfskunde
- BSc Economics & Business Economics
- BSc International Business

Holders of a diploma mentioned under f, g or h are admissible if they have demonstrable knowledge at introduction level in the field 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 EC of a Dutch University are directly admitted provided they have knowledge at an introductory level in the fields of finance, auditing and accounting information systems, and knowledge at an intermediate level in the fields of management accounting and financial accounting, the foregoing to be assessed by the Admissions Board.

2. Eligible for admission to the MSc Business Administration degree 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 BSc diploma of an accredited degree programme of a Dutch Institution for Higher Education are eligible for admission to the MSc Business Administration after rounding off one of the Pre-Master's programmes for MSc Business Administration, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission to the MSc Business Administration after rounding off one of the Pre-Master's programmes for MSc Business Administration, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

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

Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-Master's programme.

4. Eligible for admission to the MSc Economic Development and Globalization degree programme are holders of one of the following diplomas of the RUG:
- BSc Econometrics and Operations Research
 - BSc Economics and Business Economics
 - BSc International Business
 - BSc Business Administration (additional entry requirement: a successfully completed

minor ED&G

Holders of a bachelor diploma of an accredited degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Economic Development and Globalization, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme for the MSc Economic Development and Globalization, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

5. Eligible for admission to the MSc Economics degree 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 degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off a Pre-Master's programme. For students who cannot be directly admitted to the MSc Economics, the Admissions Board can, at the student's request, determine an individual Pre-Master's 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.

6. Eligible for admission to the MSc Finance degree 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) are eligible for admission, provided they have passed the courses Intermediate Asset Pricing (EBB084A05) and Intermediate Corporate Finance for E&BE (EBB079B05). Holders of a diploma mentioned under b) are eligible for admission, provided they have passed the courses Corporate Finance for E&BE (EBB079A05) and Finance Theory and Modelling (EBB825A05). For the course Intermediate Corporate Finance (EBB079B05) the course Corporate Finance for E&BE (EBB079A05) can serve as a replacement.

Holders of the following diplomas of the RUG are also eligible for admission:

- 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 degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Finance.

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

7. Eligible for admission to the MSc Human Resource Management degree 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 degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Human Resource Management provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme for the MSc Human Resource Management, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.

8. Eligible for admission to the MSc International Business and Management degree 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 degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc International Business and Management provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.
- Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme for the MSc International Business and Management, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.
9. Eligible for admission to the MSc International Financial Management degree 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 degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc International Financial Management.
- Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme for the MSc International Financial Management, the foregoing to be assessed by the Admissions Board.
10. Eligible for admission to the MSc Marketing degree 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 degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Marketing provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.
- Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme for the MSc Marketing, provided they have demonstrable knowledge of Mathematics on a VWO Mathematics A and/or B level, the foregoing to be assessed by the Admissions Board.
- The MSc Marketing is a selective programme from the September 2023 intake onwards. Besides the overall admissions requirement, applicants have to meet the GPA requirement of 6.5 and have to write a motivation letter. Further details and exceptions can be found on the UG website.
- Students who started with the Pre-MSc Marketing programme in September 2022 or later and who completed this programme before 1 September 2023 can start with the MSc Marketing programme without having to participate in the selection procedure.
11. Eligible for admission to the MSc Supply Chain Management degree 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
 e) BSc Industrial Engineering and Management
- Holders of a bachelor diploma of an accredited degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Supply Chain Management.
- Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's 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 degree

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
- e) BSc Industrial Engineering and Management

Holders of a bachelor diploma of an accredited degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme for the MSc Technology and Operations Management.

Holders of a BSc diploma of an accredited degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's 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) degree 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
- e) 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 degree programme are students who have completed the MSc Accountancy and Controlling degree programme, Accountancy profile, in accordance with the Accountancy and Controlling variant Accountancy, as offered from the 2021-2022 academic year. In addition, in order to enroll in the EMA, students must have successfully completed one of the following programmes offered by FEB prior to the MSc Accountancy and Controlling: BSc Business Administration (Accountancy and Controlling profile), or Pre-Master Accountancy and Controlling for HBO-AC, or Pre-Master Accountancy and Controlling for HBO-BE and HBO-Finance & Control. For Pre-Master A&C for HBO-BE and Pre-Master A&C for HBO-F&C, students must additionally successfully complete the course Auditing Practices (EBB097A05) in order to be able to enroll in the de Executive Masters of Accountancy. An additional deficiency package applies to students who have completed the Pre-Master A&C (60 EC).

15. Eligible for admission to the Executive MBA degree programme are:

- a) Holders of a master or equivalent diploma of a Dutch university, or
- b) Holders of a higher professional education diploma (HBO) and/or post HBO diploma in combination with a faculty Pre-Master or transfer programme, or
- c) Persons who have demonstrable excellent qualifications. The criteria here are:
 - The candidate minimally functions at the level of board member of an independent business or is director of a Strategic Business Unit of a large organisation.
 - The candidate is responsible for a significant turnover, taking into account the nature of the related industry sector.
 - The candidate can show a strong track- record in respect of, for instance, results (turnover, returns), starting up a new business, managing a merger, and such like.
 - The candidate can submit a test result or results of a test or tests such as GMAT, a competency test, a capacities test, etc. that show the desired level for the programme in the eyes of the Admissions Board.

16. Eligible for admission to the Executive Master of Finance and Control degree 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.
17. Eligible for admission to the Executive Master Mergers & Acquisition and Valuation degree programme are:
- Holders of a master diploma of a Dutch university or
 - Holders of a diploma of at least the level of MSc of a foreign university.
- Holders of the diplomas under a) or b) must have demonstrable basic knowledge of the following fields of study: Financial Accounting, Bookkeeping, Financial Management/ Financing, Valuation, Strategy, broad business expertise acquired after a completed academic programme or on the basis of work experience and other programmes or on the basis of a deficiency track offered by the faculty. Also all candidates must have at least two years work experience in the areas of mergers, acquisitions, appreciations or related areas of study.
18. Eligible for admission to the two-years degree programme MSc Educatie in de Mens- en Maatschappijwetenschappen, track Economie en Bedrijfseconomie (MSc Social Sciences and Humanities Education - Economics and Business)¹, are holders of the following RUG diplomas:
- BSc Econometrics and Operations Research
 - BSc Economics and Business Economics
- Also eligible for admission are holders of one of the following RUG diplomas:
- BSc Business Administration
 - BSc International Business
 - BSc Industrial Engineering and Management
- Holders of a diploma mentioned under c) to e) are eligible for admission, only after they have rounded off a(n) (additional) minor Algemene Economie voor de Lerarenopleiding (General Economics for the MSc Teaching Economics and Business).
- Holders of a bachelor diploma of an accredited degree programme of a Dutch Institution for Higher Education are eligible for admission after rounding off the Pre-Master's programme Algemene Economie voor de Lerarenopleiding and a Pre-Master for one of the following master degree programmes: MSc Econometrics, Operations Research and Actuarial Studies, MSc Economics, MSc Economic Development and Globalization, 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 degree programme with a study load of 180 EC of a Dutch University are directly admitted or eligible for admission after rounding off the Pre-Master's programme Algemene Economie voor de Lerarenopleiding and/or a Pre-Master for one of the following master degree programmes: MSc Econometrics, Operations Research and Actuarial Studies, MSc Economics, MSc Economic Development and Globalization, 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.
19. Eligible for admission to the one-year degree programme MSc Leraar Voorbereidend Hoger Onderwijs in de Mens- en Maatschappijwetenschappen², track Economie- en Bedrijfseconomie (MSc Teacher Humanities and Social Sciences, track Economics and Business Economics) are holders of the following RUG diplomas:
- MSc Econometrics, Operations Research and Actuarial Studies
 - MSc Economics
 - MSc Economic Development and Globalization
 - MSc Economics of Taxation
 - MSc International Economics and Business
- Also eligible for admission are holders of one of the following RUG diplomas:
- MSc Accountancy and Controlling
 - MSc Business Administration
 - MSc Finance
 - MSc International Business and Management
 - MSc International Financial Management
 - MSc Marketing

1 offered by the Faculty of Behavioural and Social Sciences of the UG.

2 offered by the Faculty of Behavioural and Social Sciences of the UG

- l) MSc Supply Chain Management
 - m) MSc Technology and Operations Management
- Holders of a diploma mentioned under f) to and including m) are eligible for admission, only after they have rounded off a(n) (additional) minor Algemene Economie voor de Lerarenopleiding (General Economics for the MSc Teaching Economics and Business).

Article 2.3 Language requirement

1. 'Sufficient command of the English language' is an additional entry requirement for the English-language Master's degree programmes and 'sufficient command of the Dutch language' is an additional entry requirement for the Dutch-language master degree programmes.
2. Students who seek admission to a degree programme on the basis of a foreign certificate or degree may be asked by the Admissions 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 Admissions Board.
3. The Dutch language proficiency requirement can be met by passing the State Exams Dutch as a Second Language (Nt2).
4. A student is considered to have fulfilled the admission requirement of "sufficient command of the English language" for the English-language Master's degree programmes at the Faculty of Economics and Business when the student fulfils one of the following requirements:
 - a) Passing an examination in English at the level of the VWO final exam or competence of English at a level at least equivalent to one of the following test scores:
 - an overall score on an internet-based (iBT) TOEFL test of 90, with a score of 20 for speaking and 24 for writing , or
 - an overall score on an IELTS Academic test of 6.5, with a score of 6 for speaking and 6.5 for writing, or
 - an overall score on a Cambridge English qualification C1 Advanced or C2 Proficiency of 176, with a score of 169 for speaking and 176 for writing, or
 - a University of Groningen Language Centre Test score of B2 for reading, listening and speaking, and C1 for writing, or
 - a level equivalent to the tests mentioned above, such as having command of English as a native-speaker, at the discretion of the Admissions Board, or
 - b) a completed English-language Bachelor's degree programme at the Faculty of Economics and Business, or
 - c) a completed English-language Pre-Master's programme 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 a Master's degree programme.
2. The Admissions Board of the Master's degree programme Research Master in Economics and Business (research) degree 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 Master's degree programmes Executive Master of Accountancy (EMA), the Executive MBA (EMBA), the Executive Master of Finance and Control (EMFC) and the Executive Master Mergers & Acquisitions and Valuation (EMMAV) degree programmes.
4. The Admissions Board of the other Master's degree 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 appoints the Admissions Board and determines the admission requirements.

Article 2.5 Admission: criteria

1. Taking into consideration the admissions procedures for the individual degree programmes¹, the Admissions Board shall assess the knowledge and skills of the

¹ in 2023-24 the MSc Marketing is a selective programme. The selection criteria are listed on 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 Master's degree programmes 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 or track, the Admissions Board will examine whether a candidate has satisfied or will satisfy the relevant requirements in good time.

Article 2.6 Admission: times

1. The admissions procedure takes place in the six months prior to the start of the degree programme.
2. Students with a certificate certified by a Dutch institution who register for a degree programme or degree programme profile or track must submit a request for admission to the degree programme or profile c.q. track to the Admissions Board, when starting in the first semester, by 1 May, or, when starting in the second semester, by 15 October.
3. Students with a foreign certificate who register via the online application system for a degree programme or degree programme profile c.q. track must submit a request for admission to the degree programme or profile c.q. track to the Admissions Board, when starting in the first semester, by 1 May, or, when starting in the second semester, by 15 October.
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 of Economics and Business (research) before 1 July.
8. For applications for an Executive Master's degree programme, additional information, such as an curriculum vitae, copies of any certificates, et cetera may be requested.

Article 2.7 Admission to the Master's degree programmes

1. A student who wishes to register for a Master's degree programme will be admitted, provided that, in the opinion of the Admissions Board, the student 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. In case of admission to a regular Master's programme: if the candidate does not have a university Bachelor's degree, the Admissions Board is responsible for verifying whether a prospective student is admissible on the basis of possessing knowledge, understanding and skills at the level of a Bachelor's degree that gives access.
4. In case of admission to an Executive Master's programme: if the candidate does not have a university Master's degree, the Admissions Board is responsible for verifying whether a prospective student is admissible on the basis of possessing knowledge, understanding and skills at the level of a Master's degree that gives access.
5. 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 of Accountancy on condition that, on 1 September no more than one course needs to be completed and on the condition that this meets the admission requirements for the Executive Master of Accountancy programme.
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 Executive Master of Accountancy degree 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 20.

Section 3 Structure of the Master's 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 Economic Development and Globalization (ED&G)
 - e) MSc Economics
 - f) MSc Finance
 - g) MSc Human Resource Management (HRM)
 - h) MSc International Business and Management (IB&M)
 - i) MSc International Financial Management (IFM)
 - j) MSc Marketing
 - k) MSc Supply Chain Management (SCM)
 - l) MSc Technology and Operations Management (TOM)
 - m) MSc Research Master in Economics and Business (research) (ReMa E&B)
2. The following degree programmes are available as dual programmes:
 - a) MSc Executive Master of Accountancy (EMA)
 - b) MSc Executive MBA (EMBA)
 - c) MSc Executive Master of Finance and Control (EMFC)
 - d) MSc Executive Master Mergers & Acquisitions and Valuation (EMMAV)

Article 3.2 Profiles and tracks

The degree programmes have the following profiles or tracks:

Master's degree programme	profiles / tracks
Accountancy and Controlling	Accountancy (profile)
	Controlling (profile)
Business Administration	Change Management (profile)
	Health (profile)
	Management Accounting and Control (profile)
	Small Business and Entrepreneurship (profile)
	Strategic Innovation Management (profile)

Econometrics, Operations Research and Actuarial Studies	Econometrics (profile)
	Operations Research (profile)
	Actuarial Studies (profile)
Economics	Competition and Regulation (profile)
	Issues in Economics (profile)
	Monetary Policy (profile)
Finance	Corporate Finance (profile)
	Development Finance (profile)
	General Finance (profile)
	Investment and Risk Management (profile)
	Sustainable Finance (profile)
Human Resource Management	
International Business and Management	
International Financial Management	
Marketing	Marketing Analytics and Data Science (track)
	Marketing Management (track)
Supply Chain Management	
Technology and Operations Management	
Research Master in Economics and Business (research)	
Executive Master of Accountancy	
Executive MBA	Energy Transition (track)
	Food and Retail (track)
	Health (track)
	Sustainable Business Models (track)
Executive Master of Finance and Control	
Executive Master Mergers & Acquisitions and Valuation	

Article 3.3 Language of instruction

- The teaching, the examinations and the final assessment of the following degree programmes will, in principle, be in Dutch:
 - Executive Master of Accountancy (EMA)
 - Executive MBA (EMBA): partly Dutch, partly English
 - Executive Master of Finance and Control (EMFC)
Deviations from this rule are indicated in Ocasys.
- All other degree programmes will be taught in English and all examinations will also be in English.
- 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

- The Research Master's degree programme in Economics and Business (research) has a study load of 120 EC.
- All other Master's degree programmes to which this TER applies have a study load of 60 EC.
- Concerning the programme of study:
 - The programme of study for students who wish to graduate in two separate RUG Master's degree programmes or profiles c.q. tracks must comprise at least 90 EC.
 - 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 EC relating to courses and 10 EC 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.
4. Students who wish to graduate in two separate RUG master degree 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).
5. Students who wish to graduate in two separate RUG master programmes must, if one of these masters is the Research Master in Economics and Business degree programme, to comply with the requirements of each master and submit two Master's theses.
6. Study load Executive Masters:
 - a) the Executive Master of Accountancy has an annual study load of 30 EC
 - b) the Executive MBA track Energy Transition has an annual study load of 30 EC
 - c) the Executive MBA track Food and Retail has an annual study load of 20 EC
 - d) the Executive MBA track Health has an annual study load of 30 EC
 - e) the Executive MBA track Sustainable Business Models has an annual study load of 30 EC
 - f) the Executive Master of Finance and Control has a study load of 27 EC in year 1 and 33 EC in year 2
 - g) the Executive Master Mergers & Acquisitions and Valuation has a study load of 42 EC in year 1 and 18 EC in year 2
7. Study load is expressed in whole EC.

Article 3.5 Contact hours

1. The number of hours per week per course is registered in Ocasys.
2. Details of the distribution of the contact hours are registered in 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 EC per block is only possible with the permission of the programme director of the degree 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.
7. Students who are registered for a Master's degree programme cannot access the courses of a Bachelor's degree programme.

Section 4 Contents of the degree programmes

Article 4.1 Composition of the degree programmes

1. The courses in the Master's degree programme Accountancy and Controlling are listed in Appendix 2.
2. The courses in the Master's degree programme Business Administration are listed in Appendix 3.
3. The courses in the Master's degree programme Econometrics, Operations Research and Actuarial Studies are listed in Appendix 4.
4. The courses in the Master's degree programme Economic Development and Globalization are listed in Appendix 5
5. The courses in the Master's degree programme Economics are listed in Appendix 6.
6. The courses in the Master's degree programme Finance are listed in Appendix 7.
7. The courses in the Master's degree programme Human Resource Management are listed in Appendix 8.
8. The courses in the Master's degree programme International Business and Management are listed in Appendix 9.

9. The courses in the Master's degree programme International Financial Management are listed in Appendix 10.
10. The courses in the Master's degree programme Marketing are listed in Appendix 11.
11. The courses in the Master's degree programme Supply Chain Management are listed in Appendix 12.
12. The courses in the Master's degree programme Technology and Operations Management are listed in Appendix 13.
13. The courses in the Master's degree programme Research Master in Economics and Business (research) are listed in Appendix 14
14. The courses in the Executive Master of Accountancy degree programme are listed in Appendix 15.
15. The courses in the Executive MBA degree programme are listed in Appendix 16.
16. The courses in the Executive Master of Finance and Control degree programme are listed in Appendix 17.
17. The courses in the Executive Master Mergers & Acquisitions and Valuation degree programme are listed in Appendix 18.
18. All course units and their modes of instruction are listed in the digital University course catalogue Ocasys.
19. In situations of force majeure, when it is not reasonably possible to provide teaching in the manner stated in Ocasys, alternative modes of instruction and assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme.
20. 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 exercises

The courses for which a practical exercise must be completed in order to qualify for the examination can be found in Appendix 19.

Article 4.3 Conducting research

1. Students who conduct research in the context of the programme do so in accordance with relevant legislation, the Dutch code of conduct for academic integrity, and the requirements of ethically sound research.
2. Throughout the entire research process, the student will adhere to the applicable policies and procedures, which are based on the faculty's data management policy.
3. Prior to the period of research, the student, together with their supervisor, can draw up a data management plan. This is then stored, in accordance with the faculty's data policy. At a minimum, this plan will address:
 - a) the student's responsibilities concerning the processing of personal data;
 - b) the data storage measures (including security measures) used in the course of the research;
 - c) archiving and retention period;
 - d) the responsibility for reusing data after the research has been completed.
4. In general, the student holds the copyright on any theses or other independently written assignments that are intended to test their knowledge, understanding, and skills. If anyone else wishes to use the student's thesis or written work, the student must first give permission for them to do so. The University must be free to perform these procedures unconditionally if it is to archive theses and written assignments (whether or not these are under embargo) and to process them in accordance with the rules of the Dutch Inspectorate of Education and the Higher Education and Research Act. All students are obliged to give their unconditional consent to the aforementioned procedures.

Article 4.4 Aim and learning outcomes of the degree programmes

1. The aim and learning outcomes of the Master's degree programme Accountancy and Controlling are listed in Appendix 1.1.
2. The aim and learning outcomes of the Master's degree programme Business Administration are listed in Appendix 1.2.
3. The aim and learning outcomes of the Master's degree programme Econometrics, Operations Research and Actuarial Studies are listed in Appendix 1.3.
4. The aim and learning outcomes of the Master's degree programme Economic

- Development and Globalization are listed in Appendix 1.4.
5. The aim and learning outcomes of the Master's degree programme Economics are listed in Appendix 1.5.
 6. The aim and learning outcomes of the Master's degree programme Finance are listed in Appendix 1.6.
 7. The aim and learning outcomes of the Master's degree programme Human Resource Management are listed in Appendix 1.7.
 8. The aim and learning outcomes of the Master's degree programme International Business and Management are listed in Appendix 1.8.
 9. The aim and learning outcomes of the Master's degree programme International Financial Management are listed in Appendix 1.9.
 10. The aim and learning outcomes of the Master's degree programme Marketing are listed in Appendix 1.10.
 11. The aim and learning outcomes of the Master's degree programme Supply Chain Management are listed in Appendix 1.11.
 12. The aim and learning outcomes of the Master's degree programme Technology and Operations Management are listed in Appendix 1.12.
 13. The aim and learning outcomes of the Research Master's degree programme Economics and Business (research) are listed in Appendix 1.13.
 14. The aim and learning outcomes of the Executive Master of Accountancy are listed in Appendix 1.14.
 15. The aim and learning outcomes of the Executive MBA are listed in Appendix 1.15.
 16. The aim and learning outcomes of the Executive Master of Finance and Control are listed in Appendix 1.16.
 17. The aim and learning outcomes of the Executive Master Mergers & Acquisitions and Valuation are listed in Appendix 1.17.
 18. Ocasys sets out the course specific learning goals of the courses.

Article 4.5 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.
3. With respect to electives from another degree programme, and requests for alternative exam regulations, the Board of Examiners of the other degree programme is authorized to assess the examinations and decide upon requests.

Article 4.6 Open Degree Programme

1. Within the programme a student can choose an Open Degree Programme: a degree 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 outcomes of the programme.

Article 4.7 Focus areas in the FEB Master's degree programmes

1. The FEB Master's degree programmes except the Research Master and Executive Masters provide a possibility for students to target one certain focus area. Once a student has satisfied the conditions, it is possible, when rounding off the master programme, to opt for an annotation of the focus area concerned on the diploma supplement. FEB has focus areas that students can choose within multiple FEB Master's degree programmes.
2. In the Master's degree programmes MSc Economics (all profiles), MSc Finance (all profiles) and MSc International Financial Management (IFM) there is the focus area 'Finance and Development'. The following conditions for obtaining an annotation on the

- diploma supplement apply:
- a) the Master's thesis of the aforementioned degree programme must be related to a 'Finance and Development' subject, and
 - b) the student's Master's degree programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 14 of the Rules and Regulations of the Board of Examiners) and the thesis has been found to be suitable for a notification of the focus area on the diploma supplement, and
 - c) the student has completed the aforementioned FEB Master's degree programme based on an approved programme that, whether curricular or extracurricular, includes at least the following courses: Inclusive Finance (EBM069B05) and International Finance and Development (EBM207A05).
3. In the Master's degree programmes MSc Business Administration (all profiles, except the profile Health), MSc Finance (all profiles), MSc International Business and Management (IB&M), MSc International Financial Management (IFM) there is the focus area 'Sustainable Society'. The following conditions for obtaining an annotation on the diploma supplement apply:
- a) the Master's thesis of the aforementioned degree programme must be related to a 'Sustainable Society' subject, and
 - b) the student's Master's degree programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 14 of the Rules and Regulations of the Board of Examiners) and the thesis has been found to be suitable in respect of a notification regarding the focus area on the diploma supplement, and
 - c) the student has completed the MSc IB&M degree programme based on an approved programme, whether curricular or extracurricular, with at least one of the two courses Sustainability in Global Value Chains (EBM149B05), Sustainability in Business and Economics (EBM209A05) and with at least a second course from the list with the following two courses Business Ethics (EBM043A05), Responsible Finance and Investing (EBM071A05), or
 - d) the student has completed the MSc Finance or MSc IFM degree programme based on an approved programme that, whether curricular or extracurricular, includes at least two of the three courses Responsible Finance and Investing (EBM071A05), Inclusive Finance (EBM069B05), Sustainability in Business and Economics (EBM209A05), or
 - e) the student has completed the MSc Business Administration (all profiles, except the profile Health) degree programme based on an approved programme that, whether curricular or extracurricular, includes at least two of the three courses Business Ethics (EBM043A05), Sustainability: Strategies, Innovation, and Change (EBM210A05), Energy Transition & Innovation (EBM167A05).
4. In all FEB Master's degree programmes there is the focus area 'Energy'. The following conditions for obtaining an annotation on the diploma supplement apply:
- a) the Master's thesis of the aforementioned degree programme must relate to an 'Energy' subject, and
 - b) the student's Master's degree programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 14 of the Rules and Regulations of the Board of Examiners), and the thesis has been found to be suitable in respect of a notification regarding the focus area on the diploma supplement, and
 - c) the student has completed the aforementioned FEB Master's degree programme based on an approved programme that, whether curricular or extracurricular, includes at least two out of the four courses Energy Transition & Innovation (EBM167A05), Economics of Regulating Markets (EBM148A05), Marketing and Consumer Well-being (EBM192A05), Sustainable Energy Supply (EBM202A05).
5. In all FEB Master's degree programmes except the MSc Supply Chain Management (SCM), MSc International Business and Management (IB&M) there is the focus area 'Digital Business'. The following conditions for obtaining an annotation on the diploma supplement apply:
- a) the Master's thesis of the aforementioned degree programme must relate to a 'Digital Business' subject, and
 - b) the student's Master's degree programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 14 of the Rules and Regulations of the Board of Examiners), and the thesis has been found to be suitable in respect of a notification regarding the focus area on the diploma supplement, and
 - c) the student has completed the aforementioned FEB Master's degree programme based on an approved programme that, whether curricular or extracurricular, includes at least two out of the four courses Digital Transformation Strategy (EBM212A05),

- Data-driven Business Processes (EBM211A05), E-Health (EBM204A05), Smart Industry Operations (EBM223A05), and
- d) MSc Marketing students can also choose - in addition to the four courses listed under 5.c -, from the courses Retail and Omnichannel Marketing (EBM880A05) and Digital Marketing Intelligence (EBM079B05).
6. In the Master's degree programme MSc Marketing (track Marketing Analytics and Data Science), MSc Supply Chain Management, MSc Finance (all profiles) and MSc International Financial Management there is the focus area Healthy Society. The following conditions for obtaining an annotation on the diploma supplement apply:
- a) the Master's thesis of the aforementioned FEB Master's degree programme must relate to a 'Healthy Society' subject, and
 - b) the student's Master's degree programme has been approved by or on behalf of the Board of Examiners (in accordance with Article 14 of the Rules and Regulations of the Board of Examiners), and the thesis has been found to be suitable in respect of a notification regarding the focus area on the diploma supplement, and
 - c) the student has completed the aforementioned FEB Master's degree programme based on an approved programme that, whether curricular or extracurricular, includes at least the following courses: Strategic Collaboration in Healthcare (EBM225A05) and Challenges in Healthcare (EBM226A05).

Section 5 Other programmes

Article 5.1 Master Honours programme

1. The Faculty Economics and Business participated in the University of Groningen Master Honours programme. This Master's Honours programme was not a part of the regular Master's curriculum.
2. Students admitted to one of the government-funded Master's degree programmes of the Faculty could take the Master Honours programme, if they were selected by the Dean of the University of Groningen Honours College.
3. The total study load of the Master's Honours programme was 15 EC.
4. The results of the Master's Honours programme were recorded on the Diploma Supplement of the Master's degree certificate.
5. As of 1 September 2023, the Master's Honours programme of the University of Groningen Honours College is no longer offered.

Article 5.2 Double Degree Programmes

1. The Faculty offers the Double Degree Master programmes as listed in Article 1.1.5, 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 Appendices 2 till 13.

Article 5.3 Internship Masters FEB

1. For a period of approximately 4 months full time (possibly spread over a longer period part time) students can do an extra-curricular internship at an organisation where they are involved in projects and tasks related to their study programme.
2. Internship Masters FEB (EBM189A15) is available in all FEB master programmes except the Research Master and Executive Masters.
3. Students need to be registered as a student at the University of Groningen during the internship.
4. The credits (EC's) for Internship Masters FEB (EBM189A15) are extra-curricular credits but can be listed on the diploma supplement.

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 goals of the course.
3. An examination can consist of several parts. The results of these parts together determine the examination result.
4. The way in which the multiple parts of an examination together determine the result of the examination is included in the Regulations for Grading Assignments and Partial Examinations.

Article 6.2 Participation in examinations

1. A student who registers for a course unit in the degree programme in accordance with Article 3.6 of the TER 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 degree programmes. This does not apply to Executive master's degree programmes whose graduation paper consists of a portfolio.
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 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. Contrary to the provisions of Article 6.3.1 and Article 6.3.2, certain parts of the examination may be taken once a year due to the nature of the assessment.

Article 6.4 Types of examinations

1. Examinations will be taken in the manner stated in Ocasys. In situations of force majeure, when it is not reasonably possible to provide teaching and examinations in the manner stated in Ocasys, alternative modes of instruction and methods of assessment may temporarily be used. This is on condition that the prescribed learning outcomes are still achieved upon completion of the degree programme in the opinion of the Board of Examiners.
2. At a student's request, the Board of Examiners may allow an examination to be taken in a form different from stated in Article 6.4.1.
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 15 of this TER.
2. Participation in examinations for the Executive MBA is subject to the regulations set out in Appendix 16 of this TER.
3. Participation in examinations for the Executive Master of Finance and Control is subject to the regulations set out in Appendix 17 of this TER.
4. Participation in examinations for the Executive Master Mergers & Acquisitions and Valuation is subject to the regulations set out in Appendix 18 of this TER.
5. Second-year courses in the Research Master in Economics and Business programme may only be taken once the requirements set by the degree programme have been satisfied.
6. 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, and
 - b) they must have successfully completed at least 20 EC worth of Master's courses, and
 - c) their Master's study programme must have been approved by the Board of Examiners
 Contrary to the provisions of Article 6.5.6.b, students of the Research Master in Economics and Business must have successfully completed at least 40 EC 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.

Contrary to the provisions of Article 6.5.6.b, students of the Executive Master of Finance and Control programme must have, before they start with the Master's Thesis EMFC, no more than 2 courses of the curriculaire programme to pass.

7. 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 thesis.

Article 6.6 The Master's thesis

1. Per year, two opportunities 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 or track.
4. The assessment procedure of the Master's thesis is included in the Rules and Regulations of the Board of Examiners.
5. Procedures with regard to admission to and supervision at the Master's thesis are included in the Regulations Theses BSc, MSc and Pre-MSc Research Papers. These Regulations are part of these Teaching and Examination Regulations.
6. A Master's thesis is stored for at least 7 years by the Faculty Board.
7. All copyrights to theses and other independently written assignments that aim to assess a student's knowledge, understanding and skills in principle remain with the student in question. Anyone else who wishes to use the thesis or written assignment will need the student's permission. However, the University needs unconditional freedom to handle theses and written assignments in order to archive (possibly under embargo) and process them in accordance with the Dutch Inspectorate of Education and the WHW. All students are therefore required to give the University unconditional permission to perform these actions and must bear in mind that as students they are individually responsible for maintaining academic integrity.

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 relevant examiner has decided otherwise in a special case, or the student does not agree.
3. A second examiner may be present at the oral exam, at the request of the examiner and/or the student.
4. Oral examinations in the Executive Master of Accountancy may be attended by an external expert.

Article 6.8 Request extra-regular examination option

1. A student can request the Board of Examiners to grant an extra-regular examination option.
2. If not granting an extra-regular examination option to a student would lead to a study delay that is unacceptable, the Board of Examiners may decide to grant an extra-regular examination option, in deviation from the provisions of Article 6.3.
3. Further rules regarding the extra-regular examination option are included in the Rules and Regulations of the Board of Examiners and in the Regulations Overlapping Examinations.

Article 6.9 Examinations and performance disability

1. Students with a performance disability will be given the opportunity to take examinations in a form that will accommodate their individual disability 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 performance disability, 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 passing 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. 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 to possess sufficient work experience or knowledge and skills in respect to the course in question
2. An examination for which an exemption has been granted will be registered with VR.
3. Once a result has been achieved for a course, both an exemption already obtained for that course will lapse and requests for an exemption for that course will not be admissible.

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 of the Faculty 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 aforementioned, 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, the Executive MBA and the Executive Master Mergers & Acquisitions and Valuation.
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 the 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. The validity period of exemptions granted for course units or parts thereof is identical to

that of examination results.

3. Contrary to the provisions of Article 6.13.1, examinations that have been passed in the Executive Master of Accountancy, the Executive MBA, the Executive Master of Finance and Control and the Executive Master Mergers & Acquisitions and Valuation shall remain valid for 6 years, on condition that the programme has not been fully completed, calculated from the examination date recorded on the exam notification.
4. 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.
5. 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.
6. The validity of partial assignments and partial examinations is regulated in the Regulations Grading Assignments and Partial Examinations.

Article 6.14 Right of inspection

1. Within a period of 6 weeks after the day on which the results of a written examination have been published, but no later than 5 working days before the date of the next resit of the relevant course, the student has the right to inspect the corrected work. Also on request and within the same period, the student will be provided with a copy of the work, i.e. the student's answers, at cost price.
2. Within the timeframe stipulated in Article 6.14.1, any person involved may request that they be allowed to peruse the examination paper and -if possible- 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 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.
3. The Board of Examiners must comprise at least:
 - a) one member who is a lecturer affiliated with one of the degree programmes that belong to the group of degree programmes and
 - b) one member from outside one of the degree programmes that belong to the cluster of degree programmes.
4. Members of the Faculty 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.
6. The Board of Examiners will set out the Rules and Regulations of the Board of Examiners, also to assess and determine the results of exams, practical exercises and examinations.

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 one's own or someone else's knowledge, understanding and skills.
2. Fraud also includes plagiarism, which means copying one's own or someone else's work without correct reference to the source.
3. Students must grant the University permission to use a plagiarism scanner to check their theses and written assignments for plagiarism. Each student is individually responsible for maintaining academic integrity.
4. 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.
5. 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.
6. In the event of fraud, the Board of Examiners will set out the course of action 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 (Judicium 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 the opportunity to respond to the proposed decision, 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 to be unsuitable for one or more of the professions for which the student is being trained in the degree programme, or for the practical preparation for the profession. The relevant provisions in the University of Groningen Regulations for Registration and Tuition Fees 2021-2022 apply.
3. In such cases the Faculty Board, the Board of Examiners and the Board of the University will follow the Protocol Judicium Abeundi as approved by the Nederlandse Federatie van Universitaire Medische Centra [the Dutch Federation of University Medical Centres] on 1 November 2010.
4. The stipulations in the University of Groningen Regulations for Registration and Tuition Fees apply.

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 of the degree programmes
- 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 of Examiners 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.
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 a pass (at least the grade 6) has been obtained 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, a request to this end must be submitted to the Board of Examiners within two weeks after the date of the final assessment has been set.
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. The awarding of the certificate for the Master's examination of the degree programme is conditional on the completion of at least half of the study load of the degree programme by means of course units provided by the University of Groningen during the period in which the student was registered as a Master's student for that degree programme at the University of Groningen.
2. For Double Degree Master's degree programmes offered together with an institution abroad, at least half of the study load of the programme must have been completed at the University of Groningen, during the student's period of registration as a Master's 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 assessment. Article 7.3 is applicable.
2. Even if a student successfully completes more than one profile/track within a Master's degree programme, only one degree certificate will be awarded.
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 Master's student earns at least 20 EC 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. For the Executive MBA the following conditions apply:
 - a) For cum laude the average mark of the EMBA Integration Project courses needs to be at least 8.0 and at least 7.0 for each course. For summa cum laude the average mark needs to be at least 9.0 and at least 7.0 for each course. This applies to the following EMBA Integration Project courses per track:
 - Energy Transition: EMBA Integration Proj. I EMBA Energy Transition (EBE073A05), EMBA Integration Proj. II EMBA Energy Transition (EBE075A05) and EMBA Integration Proj. III EMBA Energy Transition (EBE078A05);
 - Food & Retail: EMBA Integration Proj. I EMBA Food and Retail (EBE039B05), EMBA Integration Proj. II EMBA Food and Retail (EBE043B05) and EMBA Integration Proj. III EMBA Food and Retail (EBE047B05);

- Health: EMBA Integration Proj. I EMBA Health (EBE079A05), EMBA Integration Proj. II EMBA Health (EBE082A05) and EMBA Integration Proj. III EMBA Health (EBE085A05);
 - Sustainable Business Management: EMBA Integration Proj. I EMBA SBM (EBE086A05), EMBA Integration Proj. II EMBA SBM (EBE089A05) and EMBA Integration Proj. III EMBA SBM (EBE092A05).
- b) The weighted average (not rounded off) for all approved curricular courses of the programme (excluding the above mentioned EMBA Integration Project courses) is:
 - greater than or equal to 8.0 for 'cum laude'
 - greater than or equal to 9.0 for 'summa cum laude'
 3. For the Executive Master of Accountancy the following conditions apply:
 - a) The mark for the courses Afronding Accountancy Portfolio deel III (EBE032A06) and Afronding Accountancy Mondeling (EBE033A04) must satisfy the following minimum conditions:
 - cum laude: the mark for both courses is at least 8.0 on average and at least 7.0 for each course
 - summa cum laude: the mark for both courses is at least 9.0 on average and at least 7.0 for each course
 - b) The weighted average (not rounded off) for all approved curricular courses of the programme, excluding the two above mentioned courses, is
 - greater than or equal to 8.0 for 'cum laude'
 - greater than or equal to 9.0 for 'summa cum laude'
 4. For the Executive Master Mergers & Acquisitions and Valuation the following conditions apply:
 - a) The mark for the courses M&A and Valuation Portfolio Part III (EBE051A05) and M&A and Valuation Portfolio Part IV (EBE057A10) must satisfy the following minimum conditions:
 - cum laude: the mark for both courses is at least 8.0 on average and at least 7.0 for each course
 - summa cum laude: the mark for both courses is at least 9.0 on average and at least 7.0 for each course
 - b) The weighted average (not rounded off) for all approved curricular courses of the programme, excluding the two above mentioned courses, is
 - greater than or equal to 8.0 for 'cum laude'
 - greater than or equal to 9.0 for 'summa cum laude'
 5. For the other degree programmes 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 approved curricular courses of the programme, excluding the thesis is
 - greater than or equal to 8.0 for 'cum laude'
 - greater than or equal to 9.0 for 'summa cum laude'
 6. The *judicium* predicate is awarded on condition that the examinations for the curricular courses were taken only once.
 7. In order to obtain the distinction 'cum laude' or the distinction 'summa cum laude', no exemption may be registered for any curricular course.
 8. The *judicium* predicate may only be awarded if no single curricular course was awarded a mark less than 7.0.
 9. Contrary to the provisions of Article 7.5.7 an exemption for the course Learning and Practising Research (EBM878B10) for students in the Research Master in Economics and Business will not be taken into account in determining a *judicium*.
 10. The results and grades of the Master's Honours programme are excluded from the award of the *judicium*.
 11. No *judicium* is 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 among which plagiarism has been found.
 12. 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, Article 7.5.6, Article 7.5.7, Article 7.5.8, Article 7.5.10.

Section 8 Study supervision

Article 8.1 Study progress administration

1. The Faculty Board takes care of the registration of the results of each student.
2. If requested the Faculty will provide each student with an overview of these results at least once a year.
3. For the Double Degree Programmes it is the joint responsibility of the Faculty and the concerning partner university to exchange obtained results.

Article 8.2 Supervision

The Faculty Board 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.

Article 8.3 Research Master in Economics and Business study advice

1. Results of students on the degree programme Research Master in Economics and Business 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. 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 Dutch version and English version of the OER/TER

In case of divergence in interpretation between the Dutch language version (OER) and English language version (TER) of these Teaching and Examination Regulations the Dutch version shall prevail.

Article 9.3 Evaluation

1. The Faculty Board will ensure that the OER/TER 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.
2. The Faculty Board evaluates the educational process periodically.

Article 9.4 Publication

1. The Faculty Board shall duly publish these Teaching and Examination Regulations, 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 FEB website.

Article 9.5 Date of commencement

These regulations shall take effect on 1 September 2023.

Approved by the Programme Committees and Faculty Council on the legally determined parts on or before 31 August 2023.

As decreed by the Faculty Board on or before 31 August 2023.

Appendix 1 Aim and learning outcomes of the degree programmes

Graduates have the necessary skills to conduct research, and applying the relevant disciplinary standards of responsible research, and to report on such research in a way that satisfies the recognized standards in the field.

Appendix 1.1 MSc Accountancy and Controlling

The aim of the MSc degree programme Accountancy and Controlling is to equip students with advanced academic knowledge and understanding of Accountancy and Controlling. The MSc programme in Accountancy and 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. 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 Finance and Control, which enables students to qualify as Chartered Controller.

Specifically, the aim of the Accountancy profile is to provide students with advanced knowledge in the areas of Auditing, Internal Control, Financial Accounting and Corporate Governance. The aim of the Controlling profile is to provide students with advanced knowledge in the areas of Management Accounting, Internal Control, Financial Management and Change Management. 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. Lastly, attention is devoted to acting from an independent and impartial attitude.

A Knowledge

The MSc Accountancy and Controlling graduates of both profiles have advanced academic knowledge and understanding of the following areas:

A.1 Internal Control

A.2 Strategy and Organization in relation to Accountancy and Controlling

The MSc Accountancy and Controlling graduates of the Accountancy profile have advanced academic knowledge and understanding of the following areas:

A.3 Auditing

A.4 Financial Accounting

A.5 Corporate Governance in relation to Auditing, Internal Control and Financial Accounting

The MSc Accountancy and Controlling graduates of the Controlling profile have advanced academic knowledge and understanding of the following areas:

A.6 Management Accounting

A.7 Financial Management

A.8 Change Management in relation to Management Accounting and Internal Control

B Research

The MSc Accountancy and Controlling graduates of both profiles are able to:

B.1 critically evaluate academic and professional information within the framework of Accountancy and Controlling

B.2 analyse and diagnose organizational problems, and formulate a problem definition for theory and practice

- B.3 apply specific research methods and collect quantitative and qualitative data
- B.4 analyse, interpret and synthesise data
- B.5 develop an argument, draw conclusions, identify limitations of their research, generalize their findings, put forward solutions, make recommendations, and give an advice, for theory or practice
- B.6 appraise academic and professional developments in the field of Accountancy and Controlling and in related areas
- B.7 identify theories and models of Accountancy and Controlling in an organisation and to put them in the broader perspective of the organization

C Skills

The MSc Accountancy and Controlling 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 orally and in writing and for an audience of both fellow professionals and non-experts
- C.2 are able to reflect critically on other people's work and provide feedback
- C.3 are able to selectively use feedback and make adjustments to improve their work
- C.4 have developed skills to systematically plan, design and execute projects
- C.5 are able to reflect from a social and ethical point of view on academic ideas, the way organizations function and possible solutions. They are also aware of the need for an independent and impartial attitude
- C.6 are able to integrate the principles of sustainability and, more broadly, corporate social responsibility within the field of A&C
- C.7 are able to critically evaluate the impact of modern-day technologies on the information systems of organizations and on the profession

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, Health, Management Accounting and Control, Small Business and Entrepreneurship, Strategic Innovation Management. 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 Change Management 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 Health will have academic knowledge of how to analyse and intervene in the organization of care with an eye on the consequences for health, experienced quality of care and costs involved. Graduates have an understanding of the health system in its economic and socio-political environment and can reflect on the strategic consequences of changes therein for the stakeholders involved. They are knowledgeable of the conceptual and methodological issues involved in the economic evaluation of healthcare improvements and innovations. Future employment opportunities may include (inter-)national healthcare organizations, consultancy agencies, insurance companies, or (semi-)governmental organizations.

Graduates of the profile Management Accounting and Control will have academic knowledge on how managers can use systems to control their organization to ensure that the behaviours and decisions of the people in an organization are consistent with the organizations' objectives and strategies. Graduates Management Accounting and Control 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 Management Accounting and Control will fulfil positions such as assistant manager, management trainee, policy officer, assistant controller,

financial manager, organization consultant and researcher.

Graduates of the profile Small Business and 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 Small Business and Entrepreneurship 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 (small to medium-sized enterprises), 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 of the profile Strategic Innovation Management 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 Knowledge

The MSc Business Administration graduates of all profiles:

- A.1 have advanced academic knowledge and understanding of Research and Skills in their specialist field

The MSc Business Administration graduates of the Change Management profile have advanced academic knowledge and understanding of the following areas:

- A.2 Change and Human Factors
- A.3 Theories & Approaches of the change management
- A.4 Agents and Instruments of Change
- A.5 Managing Technological Change

The MSc Business Administration graduates of the Health profile have advanced academic knowledge and understanding of the following areas:

- A.6 Innovation in Healthcare Organizations
- A.7 Economic Evaluation in Healthcare
- A.8 Healthcare Operations

The MSc Business Administration graduates of the Management Accounting and Control profile have advanced academic knowledge and understanding of the following areas:

- A.9 Management Accounting Change
- A.10 Management Accounting Techniques
- A.11 Financial Management for MAC
- A.12 Research in Management Control

The MSc Business Administration graduates of the Small Business and Entrepreneurship profile have advanced academic knowledge and understanding of the following areas:

- A.13 Small Business Management
- A.14 Strategic Analysis for Small Business
- A.15 Business Diagnosis and Design
- A.16 New Ventures & Entrepreneurship

The MSc Business Administration graduates of the Strategic Innovation Management profile have advanced academic knowledge and understanding of the following areas:

- A.17 Organizing for Innovation
- A.18 Strategic Innovation Management
- A.19 Capturing Value from Innovation
- A.20 Cooperating for Innovation

B Research

The MSc Business Administration graduates of all profiles 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

- B.4 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
- B.8 assess and explain the scientific contribution of publications in the specialist field
- B.9 interpret interrelationships and can draw links between the results of academic and nonacademic publications, and relevant (international) developments

C Skills

The MSc Business Administration graduates of all profiles:

- 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 are able to apply these theories, models and frameworks to analyse complex managerial situations
- C.3 are able to reflect critically on the use of theories to understand management practice
- C.4 have developed skills to systematically plan, design and execute projects
- C.5 are able to answer questions and to defend work
- C.6 have the necessary skills to reflect critically on their own learning process, professional skills and attitude
- C.7 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 is to graduate students able to apply mathematical models on an advanced academic level to the field of economics and business. More specifically, MSc Econometrics, Operations Research and Actuarial Studies 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 Econometrics, Operations Research and Actuarial Studies graduates are able to develop mathematical models for real life, in 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 Econometrics, Operations Research and Actuarial Studies 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, for instance 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. 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's 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 Econometrics, Operations Research and Actuarial Studies graduates also find employment in e.g. (service) logistics, consultancy or government agencies such as Statistics Netherlands. Alternatively, MSc Econometrics, Operations Research and Actuarial Studies graduates may continue their studies as a PhD candidate (mostly after following a one-year Research Master programme, obtaining a second MSc title).

A Knowledge

The MSc Econometrics, Operations Research and Actuarial Studies graduates of all profiles have in depth knowledge to:

- A.1 use, adapt creatively, or develop mathematical and statistical models to analyze and optimize quantitative problems in economics and/or business
- A.2 form an opinion on the practical relevance of such (mathematical) models and be able to critically assess the application of these theories and models
- A.3 use, adapt creatively, or develop programming tools for the numerical quantitative analysis of problems in economics and/or business
- A.4 understand how the core models and theory of the three profiles below relate and strengthen the knowledge of their own profile

The MSc Econometrics, Operations Research and Actuarial Studies graduates of the Econometrics profile:

- A.5 obtain in depth knowledge and solid understanding of recent (mathematical) theory, methods and scientific developments in data analysis, estimation and inference

The MSc Econometrics, Operations Research and Actuarial Studies graduates of the Operations Research profile:

- A.6 obtain in depth knowledge and solid understanding of recent (mathematical) theory, methods and scientific developments in optimization, decision making and evaluation

The MSc Econometrics, Operations Research and Actuarial Studies graduates of the Actuarial Studies profile:

- A.7 obtain in depth knowledge and solid understanding of recent (mathematical) theory, methods and scientific developments in quantitative risk analysis and actuarial sciences

B Research

The MSc Econometrics, Operations Research and Actuarial Studies graduates of all profiles:

- B.1 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
- B.2 are able to independently formulate a problem definition, employ specific research and analysis methods and plan and conduct research
- B.3 are able to 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.4 are able to apply scientific methods and techniques in mathematics, economics, statistics and software within the correct context
- B.5 are able to independently conduct research on real-life non-routine problems
- B.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
- B.7 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

C Skills

The MSc EORAS graduates:

- C.1 have social communication skills to logically, clearly and convincingly express her/his own activities, assumptions, opinions, solutions and decisions in the main specialization both orally and in written form in English, both to nonprofessionals 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
- C.3 are able to reflect on scientific theories, economic or societal phenomena and on the

- functioning of organisations from an ethical viewpoint
- C.4 are able to read the up to date international literature in at least three additional subfields from either the chosen or another specialization and on at least two additional subfields from mathematics, economics or business, including the specializations from the programme
- C.5 are able to use at least one programming environment and have knowledge of relevant computer applications in their field and they are able to use these as required for functioning in a professional environment
- C.6 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 1.4 MSc Economic Development and Globalization

The MSc-programme Economic Development and Globalization strives to ensure that graduates will have state-of-the-art knowledge of the drivers of economic growth and economic development. They will have a similarly deep understanding of globalization, in the form of international trade but also other forms of cross-border economic activity, such as international investments. The programme emphasises the use of analytical tools from the field of economics to diagnose and analyse modern-day challenges.

The programme also provides training in the skills and competencies to apply the acquired knowledge in specific settings, with an emphasis on clear communication and argumentation, to prepare students for a professional career in firms with an international orientation (financial institutions, multinationals, consultancy firms), in international organizations, or in government agencies with an international focus.

In order to achieve these objectives the MSc Economic Development and Globalization programme has been modelled by specific intended learning outcomes or qualifications.

A Knowledge

The MSc Economic Development and Globalization graduates have advanced academic knowledge and understanding of the following areas:

- A.1 Globalization, notably International Trade and International Financial Economics
- A.2 Economic Development and Sustainability
- A.3 Quantitative research methods, such as econometrics

B Research

Within the area of Economic Development and Globalization the MSc Economic Development and Globalization graduates are able to:

- B.1 independently formulate a problem definition, and plan and conduct research
- B.2 critically assess the relationships between theoretical concepts, research methodologies and empirical findings in international (scientific) publications
- B.3 apply appropriate scientific methods and quantitative techniques to address a problem definition
- B.4 collect relevant quantitative and qualitative data, to analyse, interpret and synthesise this data to form an opinion, to create argumentation, to design a solution, to solve problems, to draw a conclusion, and/or to give advice
- B.5 reflect on the outcome of the research and its limitations in light of the existing body of knowledge

C Skills

The MSc Economic Development and Globalization 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 professionals and non-professionals
- C.2 can use quantitative (digital) methods to analyse and assess economic problems
- C.3 are able to work solution-focused, systematic and methodically accurate in a professional environment
- C.4 are able to work in an international interdisciplinary context and to act professionally, taking into account cultural differences
- C.5 have critical thinking skills to define the possibilities and limitations of the discipline to address social questions and developments and are able to take a standpoint from an ethical viewpoint

- C.6 are able to reflect critically on their own and other people's work, paying attention to both logical coherence and economical relevance and are able to give feedback and use feedback and make changes based on this feedback
- C.7 are able to reflect on their own learning process, and professional skills

Appendix 1.5 MSc Economics

The aim of the Master's degree programme 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 Economics 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 Economics gives students specific intended learning outcomes or qualifications. In addition, they have more specific knowledge in one of the following areas as represented by the study profiles: Competition and Regulation, Issues in Economics, Monetary Policy.

A Knowledge

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 advanced academic knowledge and understanding of the following areas in economics:

- A.1 Microeconomics, Industrial Organisation (JEL-codes D, L)
- A.2 Macroeconomics, Monetary Economics (JEL-code E)
- A.3 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-codes C, F, G)
- A.7 Health (JEL-code I1)
- A.8 Monetary Policy (JEL-code E5)
- A.9 Antitrust, Regulation (JEL-codes L4, L5)

B Research

Within the fields of Economics the MSc Economics 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 can critically identify 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

C Skills

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 nonprofessionals and fellow professionals
- C.2 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
- C.3 know the most important sources of international literature and is able to find and use this academic literature to solve concrete and complex problems

Appendix 1.6 MSc Finance

Graduates of the MSc degree programme Finance will have knowledge, understanding and skills required to define, analyse 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. In addition, they have more specific knowledge in one of the following areas as represented by the study profiles: Corporate Finance, Investment and Risk Management, Sustainable Finance, Development Finance or General Finance.

Graduates of the MSc programme Finance will have both academic and professional skills. With respect to academic skills, the programme focuses on collecting and analysing 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 analysing problems, and working in teams.

Graduates of the profile Corporate Finance will have advanced knowledge about corporate finance and governance. They are trained for positions in which they contribute as a financial analyst, specialist or consultant in financing and investment decisions in corporations.

Graduates of the profile Investment and Risk management will have advanced knowledge about institutional investing, derivatives, and risk management in banking & insurance. They are trained for positions such as financial analyst, portfolio manager, private banker, credit officer, or risk manager in financial institutions such as banks, insurance companies and investment firms.

Graduates of the profile Sustainable Finance will have advanced knowledge about the implementation of sustainable investment policies in corporations and financial institutions, in particular with respect to the environment, social conditions and corporate governance. They are trained for positions in corporations and financial institutions for supporting and implementing the development of such policies.

Graduates of the profile Development Finance will have advanced knowledge about the economics of microfinance, international capital flows & development, inequality, and financial inclusion. Graduates are trained for positions as policy advisors in NGOs, government institutions, and corporations operating in developing countries.

Graduates of the profile General Finance will have advanced knowledge about any topic in Finance. Graduates are trained for positions as Finance generalist, where graduates will have positions in Financial Management in corporations, financial institutions, and government.

A Knowledge

The MSc Finance graduates have advanced academic knowledge and understanding of the following areas:

- A.1 finance theories and models in the fields of corporate finance and asset pricing
- A.2 research methods in finance

B Research

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 synthesise 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 approach towards the potential and limitations of research in the finance discipline

C Skills

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 their own activities, assumptions, opinions, solutions and decisions both to nonprofessionals and fellow professionals
- C.2 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
- C.3 have analytical data skills and are able to work with digital tools such as Excel and have command of tools to analyse data such as Stata or Python.

Appendix 1.7 MSc Human Resource Management

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

MSc Human Resource Management 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 Human Resource Management 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 Knowledge

The MSc Human Resource and Management graduates have advanced academic knowledge and understanding of the principles 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 Research

The MSc Human Resource and Management graduates are able to:

- B.1 take a research-driven approach to underpin Human Resource and Management policies and practices on the best available scientific evidence
- B.2 select and synthesize theories, models, and methods to define and conceptualize research questions relevant to the Human Resource and Management field
- B.3 collect, analyze, and interpret data to draw research-based conclusions and make justifiable recommendations in addressing Human Resource and Management issues
- B.4 write, present, defend, and discuss a scientific research report

C Skills

The MSc Human Resource and Management 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 Human Resource and Management dimensions
- C.4 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

Appendix 1.8 MSc International Business and Management

The MSc International Business and Management degree programme is focused on the business and management aspects related to the multinational enterprise. MSc International Business and Management 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 International Business and Management degree programme has been translated into the following intended learning outcomes:

A Knowledge

The MSc International Business and Management graduates have advanced academic knowledge and understanding of the following areas:

- A.1 strategic decision-making and organizational structure in the international competitive environment
- A.2 the responsibilities of multinational firms operating within the institutional environments of home and host countries
- A.3 the complexities of operating and managing across 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 International Business and Management graduates are able to apply:

- A.5 knowledge and understanding of these areas when analyzing new, complex problems in an international business and management context

B Research

Within the area of International Business and Management the MSc International Business and Management 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 Skills

The MSc International Business and Management graduates:

- C.1 have professional communication skills (writing, presenting/discussing) to logically, clearly and carefully express their own activities, assumptions, opinions, solutions and decisions to non-professionals and fellow professionals
- C.2 are able to work solution focused, systematic and methodically accurate in a professional environment
- C.3 are able to reflect critically on their own work and learning process 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

Appendix 1.9 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, analyse 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 International Financial Management will have advanced academic knowledge of theoretical concepts in (international) financial management and will be able to apply research methods enabling them to analyse 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 fulfil 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, et cetera, and governmental institutions.

A Knowledge

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

- A.1 theories, frameworks and models in international management accounting, international risk analysis, financial management of multinationals and international institutions and governance
- A.2 research methods in international financial management

B Research

The MSc International Financial Management 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 synthesise this data, create an argument, develop a solution, solve problems and/or give theory and evidence-based advice
- B.5 apply research methods in international financial management within the appropriate context
- B.6 contribute independently to the body of applied knowledge within the international financial management domain

Furthermore, the MSc International Financial Management graduates have:

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

C Skills

The MSc International Financial Management 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 nonprofessionals and fellow professionals
- C.2 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

Appendix 1.10 MSc Marketing

The aim of the MSc Marketing programme is to educate students to become experts in Marketing who can use advanced marketing (research) theories and methods to analyse marketing problems and to come up with sound solutions based on consumer insights. The aim of the track Marketing Management is to provide students with advanced academic knowledge on conceptual marketing topics, such as marketing strategy and consumer behavior, and empirical marketing research methods. After fulfilling this track, graduates are qualified for positions such as brand, product, or category manager in both the public and private sector. The aim of the track Marketing Analytics and Data Science is to provide students with advanced academic knowledge on marketing theory and analysis techniques to generate data-based consumer insights. After fulfilling this track, graduates are qualified for positions such as marketing- and customer intelligence analyst, marketing researchers, and data scientist in both the public and private sector. For this, the MSc Marketing programme offers state-of-the-art academic knowledge on marketing management and marketing research with advanced research-based courses. By this, MSc Marketing graduates will have profound academic and research skills that are crucial to a marketing manager or researcher to analyse marketing problems, as well as social and professional communicative skills to translate the resulting insights into a sound recommendation for the organization.

A Knowledge

The MSc Marketing graduates of both tracks 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 Analytics and Data Science

B Research

The MSc Marketing graduates of both tracks 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 display an investigative and critical attitude towards the possibilities and limitations of marketing science for practical marketing questions
- B.5 take a standpoint on marketing issues from an ethical perspective

The MSc Marketing graduates of the track Marketing Management are able to:

- B.6 collect relevant quantitative and qualitative data, to analyse, interpret and synthesize these 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.7 apply scientific methods and techniques to the field of Marketing Management in a scientific integer manner

The MSc Marketing graduates of the track Marketing Analytics and Data Science are able to:

- B.8 collect, store and process relevant online and offline market and customer data; to analyze these data with econometric methods; and to interpret and synthesize these data with the purpose of forming an opinion, creating an argument, designing a solution, solving problems and/or giving advice
- B.9 apply scientific methods and techniques from data science and econometrics to the field of Marketing in a scientific integer manner

C Skills

The MSc Marketing graduates of both tracks:

- 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 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.3 are able to work effectively in teams and to critically assess their contribution to the team's performance

Appendix 1.11 MSc Supply Chain Management

The aim of the Master Supply Chain Management 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 Supply Chain Management 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 Supply Chain Management 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, they might opt for an academic career and start as an PhD researcher.

A Knowledge

The MSc Supply Chain Management graduates have advanced academic knowledge and understanding of the principal theories, models and methods in:

- A.1 strategic, tactical and operational supply chain management
- A.2 the design of sustainable supply chain networks
- A.3 the control and coordination of logistics and supply chain operations

B Research

The MSc Supply Chain Management graduates are able to:

- B.1 recognise and review/assess recent scientific developments in the field of Supply Chain Management
- B.2 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.3 select information from the literature, theories and models to generate new knowledge and/or to improve supply chain design
- B.4 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.5 analyse data and/or design a solution approach in the field of Supply Chain Management
- B.6 draw conclusions, make recommendations, generalise findings and identify limitations on their research in the field of Supply Chain Management

C Skills

MSc Supply Chain Management graduates:

- C.1 can report on conclusions and research results both orally and in writing to both audiences of researchers and supply chain professionals

- C.2 have developed skills to systematically plan, design and execute projects
- C.3 can analyse and solve complex decision problems at a company level and at a supply chain level
- C.4 can design supply chain strategies and design models for supply chain logistics
- C.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

Appendix 1.12 MSc Technology and Operations Management

The MSc Technology and Operations Management aims to teach students effective decision-making in the operations domain. Students will learn to apply quantitative methods to improve processes in important areas such as logistics, manufacturing, services, energy and healthcare. They will understand the implications, opportunities and limitations of the latest technologies, and are able to consider these in analysing operations-related problems and designing solutions. MSc Technology and Operations Management provides an introduction to data science, allowing students to develop competences such as data analysis, visualization, diagnostics, interpretation, and data-driven decision making.

MSc Technology and Operations Management is set up around several core courses, which focus on different aspects central to the Technology and Operations Management domain, such as data analysis and programming, modeling and simulation, asset management and planning and control. The knowledge and skills of MSc Technology and Operations Management graduates are highly valued by today's and tomorrow's employers.

MSc Technology and Operations Management graduates are likely to find a career as operations manager, data analyst, consultant, project manager or production engineer, in production, distribution or service environments. Alternatively, they might opt for an academic career and start as a PhD student or work in the government sector.

A Knowledge

The MSc Technology and Operations Management graduates have advanced academic knowledge and understanding of the principal theories, models and methods in:

- A.1 technology management
- A.2 operations management
- A.3 operations modelling and data analysis

B Research

The MSc Technology and Operations Management graduates are able to:

- B.1 critically reflect and assess literature in the field of Technology and Operations Management
- B.2 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.3 select information from the literature, theories and models to generate new knowledge and/or to improve operations in organisations
- B.4 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.5 analyse data and/or design a solution approach in the field of Technology and Operations Management
- B.6 draw conclusions, make recommendations, generalise findings and identify limitations on their research in the field of Technology and Operations Management

C Skills

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 researchers and practitioners
- C.2 have developed skills to systematically plan, design and execute projects
- C.3 are able to analyse and solve complex operational and tactical decision problems of organisations
- C.4 are able to design planning and control concepts to improve processes
- C.5 can assess the social and organisational impact of process improvement concepts and technological innovations
- C.6 can analyse, design and apply technological innovations in processes

Appendix 1.13 MSc Research Master in Economics and Business

MSc 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.

MSc 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's 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 Knowledge

MSc Research Master in Economics and Business 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 specialization
- A.2 advanced knowledge and understanding of theoretical models in economics and business, especially in their area of specialization
- 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

B Research

MSc Research Master in Economics and Business 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 theory in the domain of economics and business and that is firmly supported by the extant research in the field
- B.3 comprehensive ability to choose and apply appropriate research methodologies, methods and statistical techniques, and to critically evaluate the resulting research outcomes
- B.4 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.5 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.6 comprehensive ability to integrate theory and empirical research ('theory-guided empirical research') into a scientific report, which is comparable to the level of a publishable research paper
- B.7 comprehensive ability to search for information and to retrieve, document and archive data according to general scientific standards

C Skills

MSc Research Master in Economics and Business graduates have the 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
- C.3 write coherently at an academic level
- C.4 reflect on the implications of one's work for the development of theories in economics and business

Appendix 1.14 MSc Executive Master of Accountancy

The MSc Executive Master of Accountancy is the postgraduate part of the theoretical RA (Register Accountant) programme. The MSc Executive Master of Accountancy is a professional education in which students are trained to independently find scientific knowledge in the solution of practical problems, to critically reflect on this and to apply this in the practice of practicing the profession of accountant. The MSc Executive Master of Accountancy aims to ensure that its graduates are good and effective professionals at the scientific level. The students combine the professional education with a job as an assistant accountant -or with another relevant position- in the development towards Register Accountant. The MSc Executive Master of Accountancy is aimed at what the graduate needs to know, understand and be able to perform in the social duties of an accountant. In particular, it concerns the following aspects:

- a) theoretically oriented and thorough research orientation
- b) professional orientation focused on national and international practice
- c) a scientific, investigative and a professional critical attitude
- d) think from multiple perspectives: following the social and scientific debate

MSc Executive Master of Accountancy graduates are also able to analyse unusual practical situations by identifying a relevant and sound scientific theory on the basis of systematic literature research and applying this theory as a structure for further analysis and solution of the identified problem. The emphasis is on interdisciplinarity and the fruitful connection of theory and practice. In this way the identity of the MSc Executive Master of Accountancy as a scientific professional education is shaped.

A Knowledge

The MSc 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 MSc Executive Master of Accountancy graduates have – within the field of accountancy - in-depth, specialized academic knowledge of and insight of the following areas:

- A.1 Auditing
- A.2 Internal Control
- A.3 Corporate Governance
- A.4 External Reporting

Furthermore, within the field of accountancy, MSc Executive Master of Accountancy graduates have:

- A.5 knowledge of the systems and techniques in Accountancy

B Research

The MSc 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. MSc Executive Master of Accountancy graduates are able on the basis of incomplete or limited information to make assessments while taking into account social and ethical responsibilities. MSc Executive Master of Accountancy graduates 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 MSc Executive Master of Accountancy graduates are able to:

- B.1 diagnose a practical problem in a scientifically justifiable manner
- B.2 to critically assess and apply scientific information such as scientific theories or a scientific argument and to assess and exploit their practical use within the parameters of the accountancy domain
- B.3 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 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

C Skills

The MSc 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. MSc Executive Master of Accountancy graduates are able to supervise a team in the implementation of solutions or processes of changes in an organisation. The MSc 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 MSc Executive Master of Accountancy graduates:

- C.1 have 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 have 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 have the ability to reflect critically on own and other's work and where necessary make adjustments and give feedback
- C.4 have 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
- C.5 are able to implement systems and techniques of accountancy in projects and organisations
- C.6 are able to recognise and assess the significance of international (academic) developments in the accountancy discipline and in relevant neighbouring disciplines
- C.7 are able to place specific accountancy issues in an organisational context and the professional practice and 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
- C.8 are able to analyse, diagnose strategic issues and to come up with solutions and to implement these and graduates have insight into the problems related to the strategy of an organisation and foresees its consequences in terms of internal and accountants control
- C.9 are 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.10 have the required learning and study skills to be able to reflect on the own learning process (thinking and working) and to adjust this process and they are also able to continually renew their own expertise

Appendix 1.15 MSc Executive MBA

The MSc Executive MBA is a post-graduate programme in the field of Business Administration and is set up as a part-time degree programme for motivated and ambitious professionals who work for organisations that face important business transitions. The aim of the MSc Executive MBA is to offer managers an academic education that helps them shape the transition of systems, organisations, and individuals in a sustainable manner.

The education helps business professionals to widen their perspectives, and develop an encompassing view on systems, markets, society of their specific field of interest. To be able to take this step, MSc Executive MBA participants learn to take on a multi-disciplinary, multi-stakeholder perspective to address the challenges of important transitions. In addition to this, participants are also trained to play a key strategic role within their company, and improve their managerial effectiveness.

The MSc Executive MBA has four tracks:

MSc Executive MBA – Food & Retail (language: Dutch, location Baarn, Netherlands)

MSc Executive MBA – Energy Transition (language: English, multiple locations)

MSc Executive MBA – Health (Language: Dutch, location Groningen)

MSc Executive MBA – Sustainable Business Models (language: Dutch, location Groningen)

In each track, participants must be able to shape the company's strategy on the basis of

a thorough understanding of the business context. They should be able to oversee the implications of their business model for the most important business functions such as marketing, research and development, finance, HRM, operations, production and supply chain management, and develop a strategy for sustainable value creation. Finally, participants should be able to enact organisational change by implementing the value delivery. Although the programme covers state-of-the-art academic knowledge in the various fields, the application of this knowledge to specific business issues is central.

Participants who have successfully completed the MSc Executive MBA must be able to:

- a) understand the business context
- b) develop a vision on a value-creating strategy
- c) implement the strategy for long-term value delivery

A Knowledge

The MSc Executive MBA graduates of all tracks have up-to-date knowledge of and understanding of:

- A.1 the context and strategic design and implementation for long-term value delivery
- A.2 strategic decision-making and leadership

The MSc Executive MBA graduates of the Food & Retail track have up-to-date academic knowledge of and understanding of:

- A.3 drivers of transformational change, sustainable entrepreneurship and business ethics
- A.4 strategic management, business models and transformational leadership
- A.5 value creation, innovations and marketing management
- A.6 operational excellence, management & organization, supply chain management and finance

The MSc Executive MBA graduates of the Energy Transition track have up-to-date academic knowledge of and understanding of:

- A.7 energy systems, markets, society and policy
- A.8 energy business, investments and finance

The MSc Executive MBA graduates of the Health track have up-to-date academic knowledge of and understanding of:

- A.9 health(care) systems, markets, society and policy
- A.10 health business and finance

The MSc Executive MBA graduates of the Sustainable Business Models track have up-to-date academic knowledge of and understanding of:

- A.11 sustainable systems, markets, society and policy
- A.12 data-driven and purpose-driven change
- A.13 digital business, sustainable business models, and transitioning ecosystems
- A.14 sustainable business and leadership (people, profit, planet)

B Research

The MSc Executive MBA graduates of all tracks are able to:

- B.1 critically reflect on the practical relevance and applicability of academic knowledge (theories, models, frameworks empirical findings and insights)
- B.2 apply scientific knowledge to solve complex issues and business challenges in the corresponding business context
- B.3 make a research design, collect, interpret, and synthesize relevant data so as to form an opinion of a practical problem, develop an argument, design a suitable solution, adequately give advice, and adequately report
- B.4 critically reflect, from a societal and ethical perspective, on the functioning of organisations and on possible solutions to issues
- B.5 develop a strategic vision, on the basis of a strategic analysis and diagnosis, and transform this vision into a sound and argument-based strategic plan that creates sustainable value for organisations

C Skills

The MSc Executive MBA graduates of all tracks:

- C.1 have professional communicative skills to logically, clearly, and convincingly convey a strategic analysis, strategic advice, as well as communicate effectively to stakeholders both in and outside the organization
- C.2 are able to work independently, but also in teams, in a solution-oriented and planned manner and they are able to lead and steer in the professional practice
- C.3 are able to critically reflect on own work and work of others so as to, if necessary, to

- adjust and to give feedback or corrections
- C.4 have the necessary learning and study skills to be able to critically reflect on their own learning process, professional skills and attitude

Appendix 1.16 MSc Executive Master of Finance and Control

The MSc Executive Master of Finance and Control 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 MSc Executive Master of Finance and Control 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 MSc Executive Master of Finance and Control meets all the content-related requirements of the Dutch Association of Registered Controllers (VRC). Once a university MSc Executive Master of Finance and Control certificate is gained, graduates can apply to the VRC for the professional title RC (Register Controller). In order to keep this professional title, holders must satisfy the PE (permanent education) 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 MSc Executive Master of Finance and Control have thus been united in a single degree programme. The MSc Executive Master of Finance and Control 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 Knowledge

The MSc Executive Master of Finance and Control graduates have in-depth, specialized academic knowledge and understanding of the following areas:

- A.1 Management Accounting and Control
- A.2 Financial Accounting
- A.3 Accounting Information Systems
- A.4 Finance
- A.5 Strategy, Business Administration and Risk Management
- A.6 Taxation Law and Corporate Law

B Research

The MSc Executive Master of Finance and Control graduates are able to:

- B.1 reflect critically on the usefulness of academic information (such as theories and practical recommendations based on this) within the discipline of the controller
- B.2 distinguish between relevant and irrelevant information, to analyze this information and to arrive at a diagnosis, a judgment and / or advice to solve a practical and/or a scientific problem
- B.3 independently find scientific theories and adapt to the practical problems they face
- B.4 carry out application-oriented scientific research independently in the field of controllers issues

C Skills

The MSc Executive Master of Finance and Control graduates:

- C.1 have social communication skills enabling them to participate in decision making and

- 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
 - C.3 are able to reflect critically on scientific and practical developments in the field
 - C.4 have insight into the ethical dilemmas associated with the exercise of the profession of controller, are capable of independently making professional assessments and have knowledge of the code of conduct of the VRC
 - C.5 are able to analyze the strategic problems of the organization and contribute to their solution
 - C.6 are able to independently analyze organizations as a whole and as part of a complex external environment and thereby establish relationships between the discipline and other policy aspects
 - C.7 are able to judge independently and objectively about financial and economic decisions to be made and already taken within an organization
 - C.8 are able to recognize independent control processes of the organization
 - C.9 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 1.17 MSc Executive Master Mergers & Acquisitions and Valuation

The MSc Executive Master Mergers & Acquisitions and Valuation is a part-time degree programme for highly motivated and ambitious professionals who have been working in mergers, acquisitions and valuation for at least two years. The MSc Executive Master Mergers & Acquisitions and Valuation programme aims to impart to students the knowledge, insight, and skills in the field of mergers, acquisitions and valuation, which will further their careers as financial mergers and acquisitions professionals capable to operate in an international setting and prepare them for the highest functions in this field in the organisations where they work, e.g. head of Mergers & Acquisitions at a corporate partner in the mergers and acquisitions or valuation practice of an accountancy or consultancy firm, and partner in a private equity firm. The MSc Executive Master Mergers & Acquisitions and Valuation programme equips students with the specialist interdisciplinary knowledge required to successfully further develop themselves as mergers and acquisitions professionals. This includes amongst others, the fields of strategy, finance, valuation, accounting, modelling, tax, and law. The programme also aims to impart students with the capability to gauge the relevance and applicability of academic insights in the complex practical problems that they face. The programme is taught in the real-world context of the mergers and acquisitions process. MSc Executive Master Mergers & Acquisitions and Valuation graduates will acquire self-understanding, insight into the professional perspective, and insight into opportunities for deepening or renewal of their own learning.

A Knowledge

In the field of mergers, acquisitions and valuation the MSc Executive Master Mergers & Acquisitions and Valuation graduates have in-depth specialist academic knowledge and understanding of the following areas:

- A.1 merger and acquisition strategy, the deal phase of mergers and acquisitions, merger integration and carve outs
- A.2 business valuation and its role and application in practice, particularly in each phase of the merger and acquisition process
- A.3 finance, financial reporting, financial analysis, modelling, tax, and law as far as they are relevant to this domain
- A.4 methods, techniques and information analyses techniques used with the field of mergers, acquisitions and valuation and the appropriate moment to use them

B Research

The MSc Executive Master Mergers & Acquisitions and Valuation graduates are able to:

- B.1 apply their knowledge to analyse complex problems in practice in a scientifically sound manner, making use of the various scientific disciplines relevant to mergers, acquisitions and valuation
- B.2 gauge, in the domain of mergers, acquisitions and valuation, critically the value of scientific information (academic theories, academic arguments etc.), assess its

- applicability in practice and effectively apply them in practice
- B.3 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 and give advice

C Skills

The MSc Executive Master Mergers & Acquisitions and Valuation graduates:

- C.1 have social communicative skills enabling them to express relevant information in a logical, convincing, clear and discipline-specific manner, both in writing and orally and both to fellow professionals and non-experts
- C.2 are able to work independently and also in a team in a problem-solving manner and according to a plan and are able as a senior to manage a team in the professional (international) practice
- C.3 are able to reflect critically on their own and other's work and where necessary make adjustments and give feedback
- C.4 have social communicative skills enabling them to effectively fulfil the professional role in respect of clients, including fulfilling the critical role that typifies a qualitative good discharge of the profession
- C.5 are able to put valuation and mergers and acquisitions problems in the (international) context of the overall mergers and acquisitions process and in the decision-making context at hand
- C.6 are able to reflect from a social and ethical point of view on academic ideas and the impact of mergers and acquisitions and valuation on (international) organisations and should be aware of the need for an independent and impartial attitude
- C.7 have the learning and study skills required to reflect on their personal learning process (thinking and working), to make adjustments to this process and to continually renew their own expertise

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.

Appendix 2.1 MSc A&C, profile Accountancy

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

Programme: MSc Accountancy and Controlling/A&C
Year: 1
core programme MSc A&C - 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	Data-driven Control	EBM154B05	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	Corporate Reporting	EBM219A05	5	C	EN

NB	<ul style="list-style-type: none"> Students who start the MSc A&C (Accountancy) in February should note the following changes: <ul style="list-style-type: none"> Financial Accounting Theory (EBM863A05) in semester 2.1 Strategic & Organizational Design (EBM636A05) in semester 2.1 Research in Accounting and Control (EBM159A05) in semester 2.2 IT in Control (EBM191A05) in semester 2.2 Master's Thesis Accountancy (EBM869B20) in semester 1 Students of the MSc Accountancy & Controlling programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting the thesis in the context of a focus area.
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Appendix 2.2 MSc A&C, profile Controlling

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

Programme: MSc Accountancy and Controlling/A&C
Year: 1
core programme MSc A&C - 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	Data-driven Control	EBM154B05	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 Controlling	EBM870B20	20	C	EN
2.1	Research in Management Control	EBM082A05	5	C	EN
2.2	Value-based Management	EBM160A05	5	C	EN

NB	<ul style="list-style-type: none"> Students who start the MSc A&C (Controlling) in February should note the following changes: <ul style="list-style-type: none"> Management Accounting Techniques (EBM057A05) in semester 2.1 Strategic & Organizational Design (EBM636A05) in semester 2.1 Research in Accounting and Control (EBM159A05) in semester 2.2 IT in Control (EBM191A05) in semester 2.2 Master's Thesis Controlling (EBM870B20) in semester 1 Students of the MSc Accountancy & Controlling programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Appendix 2.3 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 Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc Accountancy and Controlling – Fudan University, Shanghai

Year: 1

core programme students MSc A&C - 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.

Programme: DD MSc Accountancy and Controlling – Fudan University, Shanghai

Year: 1

core programme students MSc A&C - 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.

Programme: DD MSc Accountancy and Controlling – Fudan University, Shanghai

Year: 2

core programme students MSc A&C - Accountancy

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Programme: DD MSc Accountancy and Controlling – Fudan University, Shanghai

Year: 2

core programme students MSc A&C - Controlling

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

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 Business Administration, profile Change Management consists of the following courses (with study load in EC):

Programme: MSc BA - Change Management/CM**Year: 1****core programme MSc BA - CM**

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 | <ul style="list-style-type: none"> Students who start the MSc BA Change Management in February should note the following changes: <ul style="list-style-type: none"> Research & Skills for MSc BA (EBM050A05) in semester 2.2 Master's Thesis BA Change Management (EBM724A20) in semester 1 other options electives Students of the MSc BA Change Management programme can focus on certain areas, namely 'Energy' or 'Digital Business' or 'Sustainable Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area. |
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Programme: MSc BA - Change Management/CM**Year: 1****electives MSc BA - CM**

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 Management for Multinationals	EBM200A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.1	Work Design and Team Processes	EBM012A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Int. Fin. Institutions and Governance	EBM198A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Smart Industry Operations	EBM223A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	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	Financial Management for Multinationals	EBM200A05	5	E	EN
2.1	Stress, Health and Sustainable Working Life	EBM203A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	E-Health	EBM204A05	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	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 3.2 MSc BA, profile Health

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

Programme: MSc BA - Health
Year: 1
core programme MSc BA - Health

sem	course title	code	EC	C/E	lang
1.1-2	electives A MSc BA Health		5	C	EN
1.1-2	electives B MSc BA Health		10	C	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	5	C	EN
1.1	Innovation in Healthcare Organizations	EBM047A05	5	C	EN
1.2	Research & Skills for MSc BA	EBM050A05	5	C	EN
2.1-2	Master's Thesis BA Health	EBM205A20	20	C	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	5	C	EN
2.1	Healthcare Operations	EBM034A05	5	C	EN

NB	<ul style="list-style-type: none"> Students choose at least 5 EC from 'electives A MSc BA Health' (see list). Students choose 10 EC from either 'electives B MSc BA Health' (see list) or remaining 'electives A MSc BA Health' (see list). Students who start the MSc BA Health in February should note the following changes: <ul style="list-style-type: none"> Research & Skills for MSc BA (EBM050A05) in 2.2 Master's Thesis BA Health (EBM205A20) in semester 1 other options electives Students of the MSc BA Health programme can focus on certain areas, namely 'Sustainability', 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc BA - Health
Year: 1
electives A MSc BA - Health

sem	course title	code	EC	C/E	lang
1.1	Population, Health and Place	GEMPOPHP	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN

1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	E-Health	EBM204A05	5	E	EN

Programme: MSc BA - Health
Year: 1
electives B MSc BA - Health

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	Empirical Methods of Economics	EBM103A05	5	E	EN
1.1	Management Accounting Techniques	EBM057A05	5	E	EN
1.1	Pharmaeconomics: Capita Selecta	EBM220A05	5	E	EN
1.1	Service Operations	EBM634A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.1	Work Design and Team Processes	EBM012A05	5	E	EN
1.2	Advanced Pharmacoconomics	WMFA001-05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Pharmaeconomics: Capita Selecta	EBM220A05	5	E	EN
1.2	Smart Industry Operations	EBM223A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Empirical Methods of Economics	EBM103A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Pharmaeconomics: Capita Selecta	EBM220A05	5	E	EN
2.1	Stress, Health and Sustainable Working Life	EBM203A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Pharmaeconomics: Capita Selecta	EBM220A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

NB	<ul style="list-style-type: none"> Students may choose the remaining courses of elective group A instead of elective group B courses. Students can take either E-Health (EBM204A05) or Challenges in Healthcare (EBM226A05) (not both). The course Management Accounting Techniques (EBM057A05) requires some preliminary knowledge of accounting. For the course Advanced Pharmacoconomics (WMFA001-05) advanced prior knowledge of the subject is required (students can consult the course description in Ocasys). Students specifically interested in pharmaeconomics can choose the course Pharmaeconomics: Capita Selecta (EBM220A05). Some knowledge of the subject is required (students can consult the course coordinator).
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Appendix 3.3 MSc BA, profile Management Accounting and Control

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

Programme: MSc BA - Management Accounting and Control/MAC

Year: 1

core programme MSc BA - MAC

sem	course title	code	EC	C/E	lang
1.1-2	elective(s) MSc BA MAC		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
2.1-2	Master's Thesis BA MAC	EBM859B20	20	C	EN
2.1	Financial Management for MAC	EBM056B05	5	C	EN
2.1	Research in Management Control	EBM082A05	5	C	EN

NB	<ul style="list-style-type: none"> Students who can demonstrate that they already have sufficient knowledge of corporate finance (obtained from at least 15 EC of bachelor courses in this area) are allowed to replace Financial Management for MAC (EBM056B05) with Value-based Management (EBM160A05). Students who want to use this option should ask permission first from the programme coordinator. Students who start the MSc BA MAC in February should note the following changes: <ul style="list-style-type: none"> Management Accounting Techniques (EBM057A05) in semester 2.1 Research & Skills for MSc BA (EBM050A05) in semester 2.2 Master's Thesis BA MAC (EBM859B20) in semester 1 other options electives Students who aspire to a position as controller are advised to choose Financial Reporting & Risk Management (and optionally International Financial Reporting and/or Value-based Management) as an elective. Students of the MSc BA Management Accounting and Control programme can focus on certain areas, namely 'Energy' or 'Digital Business' or 'Sustainable Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc BA - Management Accounting and Control/MAC

Year: 1

electives MSc BA - MAC

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 Management for Multinationals	EBM200A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN

1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Smart Industry Operations	EBM223A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	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	Financial Management for Multinationals	EBM200A05	5	E	EN
2.1	Stress, Health and Sustainable Working Life	EBM203A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	E-Health	EBM204A05	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	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN
2.2	Value-based Management	EBM160A05	5	E	EN

Appendix 3.4 MSc BA, profile Small Business and Entrepreneurship

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

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

Year: 1

core programme MSc BA - SB&E

sem	course title	code	EC	C/E	lang
1.1-2	electives MSc BA SB&E (see list)		15	C	EN
1.1	Entrepreneurship & Small Business Strategy	EBM060B05	5	C	EN
1.1	Small Business Management	EBM059A05	5	C	EN
1.2	Applied SB&E Projects	EBM042B05	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

- NB**
- Students who start the MSc BA SB&E in February should note the following changes:
 - Research & Skills for MSc BA (EBM050A05) in semester 2.2
 - Applied SB&E Projects (EBM042B05) in semester 2.2
 - Master's Thesis BA SB&E (EBM712A20) in semester 1
 - other options electives
 - Students of the MSc BA Small Business & Entrepreneurship programme can focus on certain areas, namely 'Energy' or 'Digital Business' or 'Sustainable Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.

Programme: MSc BA - Small Business and Entrepreneurship/SB&E
Year: 1
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	Healthcare Purchasing and Supply Chains	EBM193B05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Int. Fin. Institutions and Governance	EBM198A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Smart Industry Operations	EBM223A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	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	Stress, Health and Sustainable Working Life	EBM203A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	E-Health	EBM204A05	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	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 3.5 MSc BA, profile Strategic Innovation Management

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

Programme: MSc BA - Strategic Innovation Management/SIM
Year: 1
core programme 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	<ul style="list-style-type: none"> Students who start the MSc BA SIM in February should note the following changes: <ul style="list-style-type: none"> Research & Skills for MSc BA (EBM050A05) in semester 2.2 Master's Thesis BA SIM (EBM723B20) in semester 1 other options electives Students of the MSc BA Strategic Innovation Management programme can focus on certain areas, namely 'Energy' or 'Digital Business' or 'Sustainable Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc BA - Strategic Innovation Management/SIM
Year: 1
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	Financial Management for Multinationals	EBM200A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Int. Fin. Institutions and Governance	EBM198A05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Smart Industry Operations	EBM223A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	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	Financial Management for Multinationals	EBM200A05	5	E	EN
2.1	Stress, Health and Sustainable Working Life	EBM203A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	E-Health	EBM204A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Appendix 3.6 DD MSc BA – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc BA - Change Management (CM), MSc BA - Health, MSc BA - Management Accounting and Control (MAC), MSc BA - Small Business and Entrepreneurship (SB&E), MSc BA - Strategic Innovation Management (SIM), (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc BA - CM – Fudan University, Shanghai

Year: 1

core programme students MSc BA - CM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA - CM		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc BA - Health – Fudan University, Shanghai

Year: 1

core programme students MSc BA - Health

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA - Health		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc BA - MAC – Fudan University, Shanghai

Year: 1

core programme students MSc BA - MAC

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA - MAC		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc BA - SB&E – Fudan University, Shanghai

Year: 1

core programme students MSc BA - 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.

Programme: DD MSc BA - SIM – Fudan University, Shanghai

Year: 1

core programme students MSc BA - SIM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc BA - SIM		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc BA CM, Health, MAC, SB&E, SIM – Fudan University, Shanghai

Year: 2

core programme students MSc BA CM, Health, MAC, SB&E, SIM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	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.

Appendix 4.1 MSc EORAS, profile Actuarial Studies

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

Programme: MSc Econometrics, Operations Research and Actuarial Studies/
EORAS

Year: 1

core programme MSc EORAS - 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	<ul style="list-style-type: none"> • Students choose 5 EC from the option/elective group (EG). • Students choose 15 EC from electives MSc EORAS' (see the list below) or national networks such as LNMB (www.inmb.nl) or Mastermath (elo.mastermath.nl/), all subject to approval. • Students choose 10 EC from other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, MSc Applied Mathematics or national networks, all subject to approval. • Students who start the MSc EORAS in February should note the following change: <ul style="list-style-type: none"> • Master's Thesis Actuarial Studies in semester 1 • other options electives • Students of the MSc EORAS programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Appendix 4.2 MSc EORAS, profile Econometrics

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

Programme: **MSc Econometrics - Operations Research and Actuarial Studies/EORAS**

Year: **1**
core programme MSc EORAS - 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 Methods	EBM835C05	5	C	EN
1.2	Econometric Tools for Data Analysis	EBM021B05	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

NB	<ul style="list-style-type: none"> • Students choose 5 EC from the option/elective group (EG). • Students choose 15 EC from electives MSc EORAS' or national networks such as LNMB (www.inmb.nl) or Mastermath (elo.mastermath.nl/), all subject to approval. • Students choose 10 EC from other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, MSc Applied Mathematics or national networks, all subject to approval. • Students who start the MSc EORAS in February should note the following change: <ul style="list-style-type: none"> • Master's Thesis Econometrics in semester 1 • other options electives • Students of the MSc EORAS programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Appendix 4.3 MSc EORAS, profile Operations Research

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

Programme: **MSc Econometrics - Operations Research and Actuarial Studies/EORAS**

Year: **1**
core programme MSc EORAS - 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	Optimization under Uncertainty	EBM853B05	5	C	EN
1.2	Planning and Control of Stochastic Syst.	EBM170B05	5	C	EN
2.1-2	Master's Thesis Operations Research	EBM873A20	20	C	EN
2.1	• Design of Combinatorial Algorithms <i>or</i>	EBM115B05	5	EG	EN
2.1	• Supply Chain Optimization	EBM117A05	5	EG	EN
NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG). Students choose 15 EC from electives MSc EORAS' or national networks such as LNMB (www.lnmb.nl) or Mastermath (elo.mastermath.nl/), all subject to approval. Students choose 10 EC from other, sufficiently quantitative courses from FEB (incl. EORAS), MSc Mathematics, MSc Applied Mathematics or national networks, all subject to approval. Students who start the MSc EORAS in February should note the following change: <ul style="list-style-type: none"> Master's Thesis Operations Research in semester 1 other options electives Students of the MSc EORAS programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area. 				

Programme: MSc EORAS Econometrics, Operations Research and Actuarial Studies/EORAS

Year: 1
electives MSc EORAS

sem	course title	code	EC	C/E	lang
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Methods	EBM835C05	5	E	EN
1.1	Optimization under Uncertainty	EBM853B05	5	E	EN
1.2	Econometric Tools for Data Analysis	EBM021B05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN
1.2	Planning and Control of Stochastic Syst.	EBM170B05	5	E	EN
2.1	Applied Macroeconometrics	EBM109A05	5	E	EN
2.1	Applied Microeconometrics	EBM110A05	5	E	EN
2.1	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Design of Combinatorial Algorithms	EBM115B05	5	E	EN
2.1	Supply Chain Optimization	EBM117A05	5	E	EN
2.2	Data Analysis and Machine Learning	EBM805D05	5	E	EN
2.2	Quantitative Finance	EBM161A05	5	E	EN

Appendix 4.4 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 Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

core programme students MSc EORAS - Actuarial Studies (AS)

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc EORAS - Actuarial Studies		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

core programme students MSc EORAS - 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.

Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 1

core programme students MSc EORAS - Operations Research (OR)

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc EORAS - Operation Research		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc EORAS – Fudan University, Shanghai

Year: 2

core programme students MSc EORAS AS, Econometrics, OR

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 5 MSc Economic Development and Globalization

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 MSc ED&G

The Master's degree programme Economic Development and Globalization consists of the following courses (with study load in EC):

Programme: MSc Economic Development and Globalization/ED&G
Year: 1
core programme MSc ED&G

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective(s) MSc ED&G A		10	C	EN
1.1-2 + 2.1-2	elective(s) MSc ED&G B		10	C	EN
1.1	Economic Development	EBM095B05	5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.2	Research Seminar for ED&G	EBM846C05	5	C	EN
2.1-2	Master's Thesis ED&G	EBM868B20	20	C	EN
2.1	Country Studies	EBM093A05	5	C	EN

- NB
- Students choose 10 EC from 'electives A MSc ED&G' (see list).
 - Students choose 10 EC from 'electives B MSc ED&G' (see list), and/or courses from 'electives A MSc ED&G' (see list) which they have not already taken.
 - Students who start the MSc ED&G in February should note the following changes:
 - Foreign Dir. Investment & Trade (MSc) (EBM086A05) in semester 2.1
 - Economic Development (EBM095B05) in semester 2.2
 - Research Seminar for ED&G (EBM846C05) in semester 2.2
 - Master's Thesis ED&G (EBM868B20) in semester 1
 - other options electives
 - Students of the MSc Economic Development & Globalization programme can focus on a certain area, namely 'Energy'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.

Programme: MSc Economic Development and Globalization/ED&G
Year: 1
electives A MSc ED&G

sem	course title	code	EC	C/E	lang
1.1	Globalization Debates	EBM206A05	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	Economic Geography	EBM094A05	5	E	EN

Programme: MSc Economic Development and Globalization/ED&G
Year: 1
electives B MSc ED&G

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	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	International Business Strategy (MSc)	EBM088A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Sustainability in Global Value Chains	EBM149B05	5	E	EN

Appendix 5.2 DD MSc ED&G – Corvinus University, Boedapest (2-year)

The English-language Double Degree programme of the MSc Economic Development and Globalization (FEB) and the MA in International Economy and Business of the Corvinus University, Budapest, Hungary comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc ED&G – Corvinus University, Budapest

Year: 1

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

NB • DD-students can only start in September.

Programme: DD MSc ED&G – Corvinus University, Budapest

Year: 1

core programme for students MSc ED&G, FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc ED&G		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc ED&G – Corvinus University, Budapest

Year: 2

core programme for students from Budapest

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc ED&G		60	C	EN

Programme: DD MSc ED&G – Corvinus University, Budapest
Year: 2
 core programme for students MSc ED&G, FEB

sem	course title	code	EC	C/E	lang
1.1- 2 + 2.1-2	study at CUB, Budapest		60	C	EN

Appendix 5.3 DD MSc ED&G – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Economic Development and Globalization (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc ED&G – Fudan University, Shanghai
Year: 1
 core programme DD MSc ED&G - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc ED&G		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc ED&G – Fudan University, Shanghai
Year: 2
 core programme DD MSc ED&G - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 5.4 DD MSc ED&G – Georg-August University, Göttingen (2-year)

The English-language Double Degree programme of the MSc Economic Development and Globalization (FEB) and the MA in International Economics, specialization Development Economics of the Georg-August University, Göttingen, Germany comprises 120 EC and consists of the following courses and study load in EC:

Programme: DD MSc ED&G – Georg-August University, Göttingen
Year: 1
 core programme DD MSc ED&G -Göttingen

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Georg-August University, Göttingen		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc ED&G – Georg-August University, Göttingen
Year: 2

core programme DD MSc ED&G -Göttingen

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc ED&G		60	C	EN

Appendix 5.5 DD MSc ED&G – Lund University, Lund (2-year)

The English-language Double Degree programme of the MSc Economic Development and Globalization (FEB) and the MSc Economic Development and Growth of the Lund University, Lund, Sweden comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc ED&G – Lund University, Lund

Year: 1

core programme DD MSc ED&G -Lund

sem	course title	code	EC	C/E	lang
1.1	Economic Development	EBM095B05	5	C	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	C	EN
1.1	Globalization Debates	EBM206A05	5	C	EN
1.2	Research Seminar for ED&G	EBM846C05	5	C	EN
1.2	Trade, Environment and Growth	EBM097A05	5	C	EN
1.2	• Global Finance and Growth <i>or</i>	EBM150A05	5	EG	EN
1.2	• World Economy in Historical Perspective	EBM101B05	5	EG	EN
2.2	<i>or</i>		5	EG	EN
	• Inclusive Finance	EBM069B05			
2.1-2	Master's Thesis ED&G	EBM868B20	20	C	EN
2.1	Country Studies	EBM093A05	5	C	EN
2.1	Economic Geography	EBM094A05	5	C	EN

- | | |
|----|---|
| NB | <ul style="list-style-type: none"> • DD-students can only start in September. • Students choose 5 EC from the option/elective group (EG). |
|----|---|

Programme: DD MSc ED&G – Lund University, Lund

Year: 2

core programme DD MSc ED&G -Lund

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Lund University, Lund		60	C	EN

Appendix 6 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.

Appendix 6.1 MSc Economics, profile Competition and Regulation

The Master's degree programme Economics, profile Competition and Regulation consists of the following courses (with study load in EC):

Programme: MSc Economics

Year: 1

core programme MSc Economics - Competition and Regulation

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Economics – Competition and Regulation		5	C	EN
1.1-2 + 2.1-2	electives B MSc Economics – Competition and Regulation		10	C	
1.1	Current Topics in Microeconomics	EBM228A05	5	C	EN
1.1	Empirical Methods of Economics	EBM103A05	5	C	EN
1.1	Macroeconomics for MSc Economics	EBM836C05	5	C	EN
1.2	Competition Policy - Theory and Practice	EBM100A05	5	C	EN
2.1-2	Master's Thesis Economics Competition and Regulation	EBM230A20	20	C	EN
2.2	Regulating Energy Markets	EBM148B05	5	C	EN

NB	<ul style="list-style-type: none"> • Students choose 5 EC from electives A MSc Economics – Competition and Regulation • Students choose 10 EC from electives B MSc Economics – Competition and Regulation (see list) and/or from electives A MSc Economics – Competition and Regulation which they have not already taken. • Students who start the MSc Economics – Competition and Regulation in February should note the following changes: <ul style="list-style-type: none"> • Empirical Methods of Economics (EBM103A05) in semester 2.1 • Master's Thesis Economics Competition and Regulation (EBM230A20) in semester 1 • other options electives • Students of the MSc Economics – Competition and Regulation programme can focus on certain areas, namely 'Finance and Development' or 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Economics

Year: 1

electives A MSc Economics - Competition and Regulation

sem	course title	code	EC	C/E	lang
1.2	Economic Policy Workshop	EBM224A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN

Programme: MSc Economics**Year: 1****electives B MSc Economics - Competition and Regulation**

sem	course title	code	EC	C/E	lang
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Methods	EBM835C05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Econometric Tools for Data Analysis	EBM021B05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	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	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	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	International Finance and Development	EBM207A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN

Appendix 6.2 MSc Economics, profile Issues in Economics

The Master's degree programme Economics, profile Issues in Economics consists of the following courses (with study load in EC):

Programme: MSc Economics**Year: 1****core programme MSc Economics - Issues in Economics**

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Economics - Issues in Economics		5	C	EN
1.1-2 + 2.1-2	electives B MSc Economics - Issues in Economics		10	C	EN
1.1-2 + 2.1-2	electives C MSc Economics - Issues in Economics		10	C	EN
1.1	Current Topics in Microeconomics	EBM228A05	5	C	EN
1.1	Empirical Methods of Economics	EBM103A05	5	C	EN
1.1	Macroeconomics for MSc Economics	EBM836C05	5	C	EN

2.1-2	Master's Thesis Economics Issues in Economics	EBM229A20	20	C	EN
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NB	<ul style="list-style-type: none"> • Students choose 5 EC from electives A MSc Economics – Issues in Economics. • Students choose 10 EC from electives B MSc Economics – Issues in Economics and/or from electives A MSc Economics – Issues in Economics which they have not already taken. • Students choose 10 EC from electives C MSc Economics – Issues in Economics and/or from electives A MSc Economics – Issues in Economics or electives B Economics – Issues in Economics which they have not already taken. • Students who start the MSc Economics – Issues in Economics in February should note the following changes: <ul style="list-style-type: none"> • Empirical Methods of Economics (EBM103A05) in semester 2.1 • Master's Thesis Economics Issues in Economics (EBM229A20) in semester 1 • other options electives • Students of the MSc Economics – Issues in Economics programme can focus on certain areas, namely 'Finance and Development' or 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Economics
Year: 1
electives A MSc Economics - Issues in Economics

sem	course title	code	EC	C/E	lang
1.2	Economic Policy Workshop	EBM224A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN

Programme: MSc Economics
Year: 1
electives B MSc Economics - Issues in Economics

sem	course title	code	EC	C/E	lang
1.2	Competition Policy - Theory and Practice	EBM100A05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Economics
Year: 1
electives C MSc Economics - Issues in Economics

sem	course title	code	EC	C/E	lang
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Methods	EBM835C05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Econometric Tools for Data Analysis	EBM021B05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN

1.2	Sustainable Finance	EBM071B05	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	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Country Studies	EBM093A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	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	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN

Appendix 6.3 MSc Economics, profile Monetary Policy

The Master's degree programme Economics, profile Monetary Policy consists of the following courses (with study load in EC):

Programme: MSc Economics

Year: 1

core programme MSc Economics - Monetary Policy

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc Economics – Monetary Policy		10	C	
1.1	Current Topics in Microeconomics	EBM228A05	5	C	EN
1.1	Empirical Methods of Economics	EBM103A05	5	C	EN
1.1	Macroeconomics for MSc Economics	EBM836C05	5	C	EN
1.2	Economic Policy Workshop	EBM224A05	5	C	EN
1.2	Theory of Monetary Policy	EBM164B05	5	C	EN
2.1-2	Master's Thesis Economics Monetary Policy	EBM231A20	20	C	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	C	EN

NB	<ul style="list-style-type: none"> Students have to choose a monetary topic in the course Economic Policy Workshop (EBM224A05). Students choose 10 EC from electives MSc Economics – Monetary Policy (see list). Students who start the MSc Economics – Monetary Policy in February should note the following changes: <ul style="list-style-type: none"> Empirical Methods of Economics (EBM103A05) in semester 2.1 Master's Thesis Economics Monetary Policy (EBM231A20) in semester 1 other options electives Students of the MSc Economics – Monetary Policy programme can focus on certain areas, namely 'Finance and Development' or 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Economics
Year: 1
electives MSc Economics - Monetary Policy

sem	course title	code	EC	C/E	lang
1.1	Dependence & Extremes in Risk Management	EBM113A05	5	E	EN
1.1	Econometric Methods	EBM835C05	5	E	EN
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.2	Competition Policy - Theory and Practice	EBM100A05	5	E	EN
1.2	Econometric Tools for Data Analysis	EBM021B05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Models for Short Term Risk Management	EBM114A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Applied Macroeconometrics	EBM109A05	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 Evaluation in Healthcare	EBM196A05	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	International Finance and Development	EBM207A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Appendix 6.4 DD MSc Economics – Universidad de Chile, Santiago (1.5-year)

The English-language Double Degree programme of the MSc Economics (FEB) and the MSc Economic Analysis, of the Universidad de Chile, Santiago, Chili comprises 90 EC and consists of the following courses and study load:

Programme: DD MSc Economics – Universidad de Chile, Santiago
Year: 1
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

core programme for students MSc Economics, FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Economics profile Issues in Economics or Competition and Regulation or Monetary Policy		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc Economics – Universidad de Chile, Santiago

Year: 2

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 Issues in Economics	EBM229A20	20	C	EN

Programme: DD MSc Economics – Universidad de Chile, Santiago

Year: 2

electives for students from Chile

sem	course title	code	EC	C/E	lang
1.2	Inclusive Finance	EBM069B05	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
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

NB • Students choose 10 EC from the list of electives for students from Chile.
• Electives similar to courses students have already taken in Chile are excluded.

Programme: DD MSc Economics – Universidad de Chile, Santiago

Year: 2

core programme for students MSc Economics, FEB

sem	course title	code	EC	C/E	lang
1.1-2	Study at Universidad de Chile, Santiago		30	C	EN

Appendix 6.5 DD MSc Economics – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Economics (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc Economics – Fudan University, Shanghai

Year: 1

core programme DD MSc Economics - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Economics profile Issues in Economics or Competition and Regulation or Monetary Policy		60	C	EN

NB	• DD-students can only start in September.
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Programme: DD MSc Economics – Fudan University, Shanghai

Year: 2

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 7 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.

Appendix 7.1 MSc Finance, profile Corporate Finance

The Master's degree programme Finance, profile Corporate Finance consists of the following courses (with study load in EC):

Programme: MSc Finance

Year: 1

core programme MSc Finance - Corporate Finance

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Finance - Corporate Finance		5	C	EN
1.1-2 + 2.1-2	electives B MSc Finance - Corporate Finance		5	C	EN
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	C	EN
1.2	Theoretical Corporate Finance for MSc Finance	EBM008C05	5	C	EN
2.1-2	Master's Thesis Finance Corporate Finance	EBM233A20	20	C	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	5	C	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from 'Electives A MSc Finance, profile Corporate Finance' (see list). Students choose 5 EC from 'Electives B MSc Finance, profile Corporate Finance' (see list) and/or 'electives A MSc Finance, profile Corporate Finance' which they have not already taken. Students who start the MSc Finance with this profile in February will not be able to complete this in 12 months because the courses are only offered once per year. Students of the profile Corporate Finance can specialize in a Focus Area, namely 'Finance and Development', or 'Sustainable Society', or 'Energy', or 'Digital Business', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Finance

Year: 1

electives A MSc Finance - Corporate Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Institutional Investment Management	EBM822A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Finance

Year: 1

electives B MSc Finance - Corporate Finance

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	Healthcare Purchasing and Supply Chains	EBM193B05	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	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN

2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN

Appendix 7.2 MSc Finance, profile Development Finance

The Master's degree programme Finance, profile Development Finance consists of the following courses (with study load in EC):

Programme: MSc Finance

Year: 1

core programme MSc Finance - Development Finance

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Finance - Development Finance		5	C	
1.1-2 + 2.1-2	electives B MSc Finance - Development Finance		5	C	
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Inclusive Finance	EBM069B05	5	C	EN
1.2	Trade, Environment and Growth	EBM097A05	5	C	EN
2.1-2	Master's Thesis Finance Development Finance	EBM237A20	20	C	EN
2.1	International Finance and Development	EBM207A05	5	C	EN

- NB
- Students choose 5 EC from 'Electives A MSc Finance, profile Development Finance' (see list).
 - Students choose 5 EC from 'Electives B MSc Finance, profile Development Finance' (see list) and/or 'electives A MSc Finance, profile Development', which they have not already taken.
 - Students who start the MSc Finance with this profile in February will not be able to complete this in 12 months because the courses are only offered once per year.
 - Students of the Profile Development Finance can specialize in a Focus Area, namely 'Sustainable Society', or 'Energy', or 'Digital Business', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.

Programme: MSc Finance

Year: 1

electives A MSc Finance - Development Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Institutional Investment Management	EBM822A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theoretical Corporate Finance for MSc Finance	EBM008C05	5	E	EN

2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Finance

Year: 1

electives B MSc Finance - Development Finance

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	Healthcare Purchasing and Supply Chains	EBM193B05	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	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN

Appendix 7.3 MSc Finance, profile General Finance

The Master's degree programme Finance, profile General Finance consists of the following courses (with study load in EC):

Programme: MSc Finance

Year: 1

core programme MSc Finance - General Finance

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Finance - General Finance		20	C	EN
1.1-2 + 2.1-2	electives B MSc Finance - General Finance		5	C	
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN

1.1	Research Methods for Finance	EBM070B05	5	C	EN
2.1-2	Master's Thesis Finance General Finance	EBM238A20	20	C	EN

NB	<ul style="list-style-type: none"> • Students choose 20 EC from 'Electives A MSc Finance, profile General Finance (see list). • Students choose 5 EC from 'Electives B MSc Finance, profile General Finance (see list) and/or 'electives A MSc Finance, profile General Finance which they have not already taken. • The profile General Finance is feasible to start in February. • Students who start the MSc Finance in Februari should note the following changes: <ul style="list-style-type: none"> • Master's Thesis Finance General Finance (EBM238A20) in semester 1 • other options electives • Students of the profile General Finance can specialize in a Focus Area, namely 'Finance and Development', or 'Sustainable Society', or 'Energy', or 'Digital Business', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area. 				
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Programme: MSc Finance
Year: 1
electives A MSc Finance - General Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theoretical Corporate Finance for MSc Finance	EBM008C05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Finance
Year: 1
electives B MSc Finance - General Finance

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	Healthcare Purchasing and Supply Chains	EBM193B05	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	Corporate Valuation for MSc Finance	EBM007C05	5	E	EN
1.2	Health Economics and Policy	EBM195A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Institutional Investment Management	EBM822A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN

1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN

Appendix 7.4 MSc Finance, profile Investment and Risk Management

The Master's degree programme Finance, profile Investment and Risk Management consists of the following courses (with study load in EC):

Programme: MSc Finance
Year: 1
core programme MSc Finance - Investment and Risk Management

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Finance - Investment and Risk Management		5	C	
1.1-2 + 2.1-2	electives B MSc Finance - Investment and Risk Management		5	C	
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Derivative Instruments	EBM068A05	5	C	EN
1.2	Institutional Investment Management	EBM822A05	5	C	EN
2.1-2	Master's Thesis Finance Investment and Risk Management	EBM235A20	20	C	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	C	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from 'Electives A MSc Finance, profile Investment and Risk Management' (see list). Students choose 5 EC from 'Electives B MSc Finance, profile Investment and Risk Management' (see list) and/or 'electives A MSc Finance, profile Investment and Risk' which they have not already taken. Students who start the MSc Finance with this profile in February will not be able to complete this in 12 months because the courses are only offered once per year. Students of the Profile Corporate Finance can specialize in a Focus Area, namely 'Finance and Development', or 'Sustainable Society', or 'Energy', or 'Digital Business', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Finance**Year: 1****electives A MSc Finance - Investment and Risk Management**

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theoretical Corporate Finance for MSc Finance	EBM008C05	5	E	EN
2.1	Asset and Liability Management	EBM111A05	5	E	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Quantitative Finance	EBM161A05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Finance**Year: 1****electives B MSc Finance - Investment and Risk 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	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	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	Health Economics and Policy	EBM195A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Theory of Monetary Policy	EBM164B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Economic Evaluation in Healthcare	EBM196A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Microeconomics of Household Behaviour	EBM106A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN

Appendix 7.5 MSc Finance, profile Sustainable Finance

The Master's degree programme Finance, profile Sustainable Finance consists of the following courses (with study load in EC):

Programme: MSc Finance
Year: 1
core programme MSc Finance - Sustainable Finance

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc Finance - Sustainable Finance		5	C	
1.1-2 + 2.1-2	electives B MSc Finance - Sustainable Finance		5	C	
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Sustainable Finance	EBM071B05	5	C	EN
1.2	Trade, Environment and Growth	EBM097A05	5	C	EN
2.1-2	Master's Thesis Finance Sustainable Finance	EBM236A20	20	C	EN
2.1	Corporate Governance for MSc Finance	EBM811C05	5	C	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from 'Electives A MSc Finance, profile Sustainable Finance' (see list). Students choose 5 EC from 'Electives B MSc Finance, profile Sustainable Finance' (see list) and/or 'electives A MSc Finance, profile Sustainable Finance' which they have not already taken. Students who start the MSc Finance with this profile in February will not be able to complete this in 12 months because the courses are only offered once per year. Students of the Profile Sustainable Finance can specialize in a Focus Area, namely, 'Finance and Development', or 'Energy', or 'Digital Business', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Finance
Year: 1
electives A MSc Finance - Sustainable Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Institutional Investment Management	EBM822A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Programme: MSc Finance
Year: 1
electives B MSc Finance - Sustainable Finance

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.2	Business Analytics for Finance	EBM234A05	5	E	EN
1.2	Derivative Instruments	EBM068A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Institutional Investment Management	EBM822A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	E	EN
2.1	Fin. & Econ. Org. of Healthcare Markets	EBM194A05	5	E	EN
2.1	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN

Appendix 7.6 DD MSc Finance – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Finance (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc Finance – Fudan University, Shanghai
Year: 1
core programme DD MSc Finance - Fudan

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Finance, profile Corporate Finance, or Development Finance, or General Finance, or Investment and Risk Management, or Sustainable Finance		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc Finance – Fudan University, Shanghai
Year: 2
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 7.7 DD MSc Finance profile General Finance – Lund University, Lund (1.5-year)

The English-language Double Degree programme of the MSc Finance, profile General Finance (FEB) and the MSc Finance of the Lund University, Lund, Sweden comprises 90 EC and consists of the following courses and study load:

Programme: DD MSc Finance - General Finance – Lund University, Lund
Year: 1
core programme for students MSc Finance - General Finance, FEB

sem	course title	code	EC	C/E	lang
1.1	Advanced Corporate Finance	EBM232A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	C	EN
1.2	Derivative Instruments	EBM068A05	5	C	EN
1.2	• Inclusive Finance <i>or</i>	EBM069A05	5	EG	EN
1.2	• Institutional Investment Management <i>or</i>	EBM822A05	5	EG	EN
1.2	• Sustainable Finance <i>or</i>	EBM071B05	5	EG	EN
1.2	• Theoretical Corporate Finance for MSc Finance	EBM008C05	5	EG	EN
2.1-2	Master's Thesis Finance General Finance	EBM238A20	20	C	EN
2.1	Banking, Insurance and Risk Management	EBM067A05	5	C	EN
2.1	• Behavioural Finance <i>or</i>	EBM806C05	5	EG	EN
2.2	• Corporate Governance for MSc Finance	EBM811C05	5	EG	EN
NB	<ul style="list-style-type: none"> • DD-students can only start in September. • Students choose 5 EC from the option/elective group (EG) semester 1 and 5 EC from the option/elective group (EG) semester 2. 				

Programme: DD MSc Finance - General Finance – Lund University, Lund
Year: 1
core programme for students from Lund

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Lund University, Lund		60	C	EN
NB	<ul style="list-style-type: none"> • DD-students can only start in September. 				

Programme: DD MSc Finance - General Finance – Lund University, Lund
Year: 2
core programme for students MSc Finance - General Finance, FEB

sem	course title	code	EC	C/E	lang
1.1-2	electives at Lund University, Lund		30	C	EN

Programme: DD MSc Finance - General Finance – Lund University, Lund
Year: 2
core programme for students from Lund

sem	course title	code	EC	C/E	lang
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	• Advanced Corporate Finance <i>or</i>	EBM232A05	5	EG	EN
1.1	• Business Ethics <i>or</i>	EBM043A05	5	EG	EN
1.1	• Emerging Markets <i>or</i>	EBM085A05	5	EG	EN
1.1	• Financial Reporting and Risk Management <i>or</i>	EBM168A05	5	EG	EN
1.1	• International Banking and Finance	EBM096A05	5	EG	EN
1.2	• Corporate Valuation for MSc Finance <i>and/</i> <i>or</i>	EBM007C05	5	EG	EN
1.2	• Institutional Investment Management <i>and/</i> <i>or</i>	EBM822A05	5	EG	EN
1.2	• International Financial Reporting <i>and/or</i>	EBM045B05	5	EG	EN
1.2	• Sustainable Finance	EBM071B05	5	EG	EN
1.2	• Theoretical Corporate Finance for MSc Finance	EBM008C05	5	C	EN
NB	• Students choose 5 EC from option/elective group (EG) semester 1.1 and 15 EC from option/elective group (EG) semester 1.2.				

Appendix 7.8 DD MSc Finance, profile General Finance – UAIC, Iasi (2-year)

The English-language Double Degree programme of the MSc Finance, profile General Finance (FEB) and the MSc Finance and Risk Management of the Universitatea Alexandru Ioan Cuza (UAIC), Iasi, Romania comprises 120 EC and consists of the following courses and study load in EC:

Programme: DD MSc Finance - General Finance – UAIC, Iasi
Year: 1
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
NB	• DD-students can only start in September.				

Programme: DD MSc Finance - General Finance – UAIC, Iasi
Year: 2
core programme for students from Iasi

sem	course title	code	EC	C/E	lang
1.1	Financial Reporting and Risk Management	EBM168A05	5	C	EN
1.1	Portfolio Theory	EBM015B05	5	C	EN
1.1	Research Methods for Finance	EBM070B05	5	C	EN
1.2	Corporate Valuation for MSc Finance	EBM007C05	5	C	EN
1.2	Sustainable Finance	EBM071B05	5	C	EN
2.1-2	Master's Thesis Finance General Finance	EBM238A20	20	C	EN

1.2	• Business Analytics for Finance <i>and/or</i>	EBM234A05	5	EG	EN
1.2	• Derivative Instruments <i>and/or</i>	EBM068A05	5	EG	EN
1.2	• Theoretical Corporate Finance for MSc Finance <i>and/or</i>	EBM008C05	5	EG	EN
2.1	• Banking, Insurance and Risk Management <i>and/or</i>	EBM067A05	5	EG	EN
2.1	• Corporate Governance for MSc Finance	EBM811C05	5	EG	EN
NB	• Students choose 15 EC from the option/elective group (EG).				

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 Human Resource Management consists of the following courses (with study load in EC):

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

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc HRM		15	C	EN
1.1-2 + 2.1-2	electives B MSc HRM		5	C	EN
1.1	Professional Skills for HRM	EBM239A05	5	C	EN
1.1	Strategic HRM	EBM011A05	5	C	EN
1.2	HR Analytics	EBM240A05	5	C	EN
2.1-2	Master's Thesis HRM	EBM722B20	20	C	EN
2.1	Personnel Instruments	EBM014A05	5	C	EN

NB	<ul style="list-style-type: none"> • Students choose 15 EC from 'electives A MSc HRM' (see list). • Students choose 5 EC from 'electives B MSc HRM' (see list) and/or courses from 'electives A MSc HRM' they have not already taken. • Students who start the MSc HRM in February should note the following changes: <ul style="list-style-type: none"> • Professional Skills for HRM (EBM239A05) in semester 2.1 • HR Analytics (EBM240A05) in semester 2.2 • Master's Thesis HRM (EBM722B20) in semester 1 • other options electives • Students of the MSc HRM programme can focus on certain areas, namely 'Energy', or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Human Resource Management/HRM
Year: 1
electives A MSc HRM

sem	course title	code	EC	C/E	lang
1.1	Work Design and Team Processes	EBM012A05	5	E	EN
1.2	Leadership	EBM072A05	5	E	EN
1.2	Personnel Economics	EBM678A05	5	E	EN
2.1	Personnel Economics	EBM678A05	5	E	EN

2.2	HRM & International Labour Law	EBM733A05	5	E	EN
2.2	HRM & Nederlands arbeidsrecht	EBM016A05	5	E	NL

Programme: MSc Human Resource Management/HRM
Year: 1
electives B 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	Organization Design (MSc)	EBM049A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.1	Stress, Health and Sustainable Working Life	EBM203A05	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
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.

Appendix 9.1 MSc IB&M

The Master's degree programme International Business and Management consists of the following courses (with study load in EC):

Programme: MSc International Business and Management/IB&M
Year: 1
core programme MSc IB&M

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives A MSc IB&M		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	Multinationals and CSR	EBM197A05	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	<ul style="list-style-type: none"> • 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. • Students who start the MSc IB&M in February should note the following changes: <ul style="list-style-type: none"> • International Business Strategy (MSc) (EBM088A05) in semester 2.1 • Managing Cultural Differences (EBM190A05) in semester 2.1 • Multinationals and CRS (EBM197A05) in semester 2.2 • Research Seminar for IB&M (EBM718B05) in semester 2.2 • Master's Thesis IB&M (EBM719A20) in semester 1 • other options electives • Students of the MSc IB&M programme can focus on certain areas, namely 'Sustainable Society', or 'Energy'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc International Business and Management/IB&M
Year: 1
electives A MSc IB&M

sem	course title	code	EC	C/E	lang
1.1	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
2.1	Comparative Corporate Governance	EBM083A05	5	E	EN
2.1	Int. Business Models in a Changing World	EBM221A05	5	E	EN
2.2	Sustainability in Global Value Chains	EBM149B05	5	E	EN

Programme: MSc International Business and Management/IB&M
Year: 1
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	Developing for Markets	EBM062A05	5	E	EN
1.1	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	E	EN
1.1	International Banking and Finance	EBM096A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	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	Marketing Communication	EBM078A05	5	E	EN
2.1	Monetary Policy, Strategy and Operations	EBM107B05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Consumer Psychology	EBM074A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	International Financial Reporting	EBM045B05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 9.2 DD MSc IB&M – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc IB&M (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc IB&M – Fudan University, Shanghai

Year: 1

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.

Programme: DD MSc IB&M – Fudan University, Shanghai

Year: 2

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 9.3 DD MSc IB&M – NUBS, Newcastle (1.5-year)

The English-language Double Degree programme of the MSc IB&M (FEB) and the MSc Advanced International Business Management & Marketing of the Newcastle University Business School, Newcastle, UK comprises 90 EC and consists of the following courses and study load in EC:

Programme: DD MSc IB&M – NUBS, Newcastle

Year: 1

core programme DD MSc IB&M - NUBS (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2	electives DD IB&M - NUBS		10	C	EN
1.1	International Business Strategy (MSc)	EBM088A05	5	C	EN
1.1	Managing Cultural Differences	EBM190A05	5	C	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	C	EN
1.2	Multinationals and CSR	EBM197A05	5	C	EN

2.1-2	study at NUBS, Newcastle		30	C	EN
NB	<ul style="list-style-type: none"> Students choose 10 EC from 'electives DD IB&M - NUBS'. DD-students can only start in September. 				

Programme: DD MSc IB&M – NUBS, Newcastle
Year: 2
core programme DD MSc IB&M - NUBS (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2	elective DD MSc IB&M - NUBS		5	C	EN
1.1-2	Master's Thesis IB&M - DD Newcastle	EBM091A25	25	C	EN

NB	<ul style="list-style-type: none"> If students do their Master's Thesis IB&M 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: 1
electives DD MSc IB&M - NUBS

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	Foreign Dir. Investment & Trade (MSc)	EBM086A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	International Financial Reporting	EBM045B05	5	E	EN
1.2	Strategic Supply Chain Management	EBM039A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	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	Int. Business Models in a Changing World	EBM221A05	5	E	EN
2.2	B2B Marketing	EBM808B05	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 10 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.

Appendix 10.1 MSc IFM

The Master's degree programme International Financial Management consists of the following courses (with study load in EC):

Programme: MSc International Financial Management/IFM

Year: 1
core programme MSc IFM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc IFM (see list)		10	C	EN
1.1	Empirical Methods for MSc IFM	EBM199A05	5	C	EN
1.1	Financial Management for Multinationals	EBM200A05	5	C	EN
1.1	International Man. Accounting & Control	EBM662A05	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	Master's Thesis IFM	EBM022A20	20	C	EN

- NB**
- Students choose 10 EC from 'electives MSc IFM' (see list).
 - Students who start the MSc IFM in February should note the following changes:
 - Financial Management for Multinationals (EBM200A05) in semester 2.1
 - Empirical Methods for MSc IFM (EBM199A05) in semester 2.1
 - International Financial Reporting (EBM045B05) in semester 2.2
 - International Risk Analysis and Research (EBM099B05) in semester 2.2
 - Master's Thesis IFM (EBM022A20) in semester 1
 - other options electives
 - Students of the MSc IFM programme can focus on certain areas, namely 'Finance and Development', or 'Energy', or 'Digital Business', or 'Sustainable Society', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.

Programme: MSc International Financial Management/IFM

Year: 1
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	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	Globalization Debates	EBM206A05	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	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Theoretical Corporate Finance	EBM857C05	5	E	EN

1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	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	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Value-based Management	EBM160A05	5	E	EN

Appendix 10.2 DD MSc IFM – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc IFM (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc IFM – Fudan University, Shanghai
Year: 1
core programme for students MSc IFM, FEB

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

NB • DD-students can only start in September.

Programme: DD MSc IFM – Fudan University, Shanghai
Year: 2
core programme for students MSc IFM, FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at Fudan University, Shanghai		60	C	EN

Appendix 10.3 DD MSc IFM - Università Cattolica del Sacro Cuore (UCSC), Milan, Italy (2-year)

The English-language Double Degree programme of the MSc International Financial Management (FEB) and the Laurea Magistrale in Banking and Finance of Università Cattolica del Sacro Cuore (UCSC), Milan, Italy, comprises 120 EC and consists of the following courses and study load in EC:

Programme: DD MSc IFM - UCSC, Milan
Year: 1
core programme DD MSc IFM - UCSC (start Groningen)

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

NB	• DD-studenten can only start in September.
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Programme: DD MSc IFM - UCSC, Milan
Year: 1
core programme DD MSc IFM - UCSC (start Milan)

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at UCSC, Milan		60	C	EN

NB	• DD-studenten can only start in September.
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Programme: DD MSc IFM - UCSC, Milan
Year: 2
core programme DD MSc IFM - UCSC (start Groningen)

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	study at UCSC, Milan		60	C	EN

Programme: DD MSc IFM - UCSC, Milan
Year: 2
core programme DD MSc IFM - UCSC (start Milan)

sem	course title	code	EC	C/E	lang
1.1	Empirical Methods for MSc IFM	EBM199A05	5	C	EN
1.1	Financial Management for Multinationals	EBM200A05	5	C	EN
1.1	International Man. Accounting & Control	EBM662A05	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	Electives DD MSc IFM - UCSC, Milan		10	C	EN
2.1-2	Master's Thesis IFM	EBM022A20	20	C	EN

NB	• Students choose 10 EC from electives DD MSc IFM - UCSC, Milan.
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Programme: DD MSc IFM - UCSC, Milan
Year: 2
electives DD MSc IFM - UCSC, Milan

sem	course title	code	EC	C/E	lang
1.1	Business Research and Consulting	EBM151A05	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	Globalization Debates	EBM206A05	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	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Inclusive Finance	EBM069B05	5	E	EN
1.2	Sustainability in Business and Economics	EBM209A05	5	E	EN
1.2	Sustainable Finance	EBM071B05	5	E	EN
1.2	Trade, Environment and Growth	EBM097A05	5	E	EN
1.2	World Economy in Historical Perspective	EBM101B05	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	International Finance and Development	EBM207A05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Economic Development	EBM095B05	5	E	EN
2.2	Regulating Energy Markets	EBM148B05	5	E	EN
2.2	Value-based Management	EBM160A05	5	E	EN

Appendix 11 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.

Appendix 11.1 MSc Marketing, track Marketing Analytics and Data Science/MADS

The Master's degree programme Marketing, track Marketing Analytics and Data Science consists of the following courses (with study load in EC):

Programme: MSc Marketing
Year: 1
core programme MSc Marketing - Marketing Analytics and Data Science

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective MADS		5	EG	EN
1.1	Companies, Brands, and Consumers	EBM215A05	5	C	EN
1.1	Data Engineering for MADS	EBM213A05	5	C	EN
1.1	Statistical Learning in Marketing	EBM214A05	5	C	EN
1.2	Data Science Methods for MADS	EBM216A05	5	C	EN
1.2	Market Models	EBM077A05	5	EG	EN
1.2	Retail Marketing: Strategy and Analytics	EBM880C05	5	EG	EN
2.1-2	Master's Thesis Marketing MADS	EBM218A20	20	C	EN
2.1	Digital Marketing Intelligence	EBM079B05	5	EG	EN
2.1	Managing Customer Experience and Value	EBM075B05	5	EG	EN

2.2	B2B Marketing	EBM808B05	5	EG	EN
2.2	Customer Models	EBM076A05	5	EG	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from the courses: <ul style="list-style-type: none"> Retail Marketing: Strategy and Analytics (EBM880C05) Managing Customer Experience and Value (EBM075B05) B2B Marketing (EBM808B05) Students choose 10 EC from the courses: <ul style="list-style-type: none"> Market Models (EBM077A05) Digital Marketing Intelligence (EBM079B05) Customer Models (EBM076A05) Students choose 5 EC from electives MADS (including the non-chosen electives mentioned above) Students who start the MSc Marketing - Marketing Analytics and Data Science in February should note the following changes: <ul style="list-style-type: none"> Statistical Learning in Marketing (EBM214A05) in semester 2.1 Data Engineering for MADS (EBM213A05) in semester 2.1 Master's Thesis Marketing MADS (EBM218A20) in semester 1 other options electives Students of the MSc Marketing (MADS) programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Marketing

Year: 1

electives MSc Marketing - Marketing Analytics and Data Science

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	Econometric Methods	EBM835C05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Supply Chain Analytics	EBM147B05	5	E	EN
2.1	Supply Chain Optimization	EBM117A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

NB	<ul style="list-style-type: none"> The course Econometric Methods (EBM835C05) requires quite some knowledge in advance of the respective field. Students can contact the programme coordinator or the course coordinator if they have questions about this.
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Appendix 11.2 MSc Marketing, track Marketing Management/MM

The Master's degree programme Marketing, track Marketing Management consists of the following courses (with study load in EC):

Programme: MSc Marketing

Year: 1

core programme MSc Marketing - 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	EBM081C05	5	C	EN
1.2	Consumer Psychology	EBM074A05	5	C	EN
2.1-2	Master's Thesis Marketing Management	EBM217A20	20	C	EN

NB	<ul style="list-style-type: none"> Students choose 15 EC from 'electives A MSc Marketing - Marketing Management'. Students choose 10 EC from 'electives A MSc Marketing - Marketing Management' or 'electives B MSc Marketing - Marketing Management'. Students who start the MSc Marketing - Marketing Management in February should note the following changes: <ul style="list-style-type: none"> Consumer Psychology (EBM074A05) in semester 2.2 Strategic Marketing (EBM081C05) in semester 2.1 Master's Thesis Marketing Management (EBM217A20) in semester 1 other options electives Students of the MSc Marketing (MM) programme can focus on certain areas, namely 'Energy' or 'Digital Business' or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Marketing

Year: 1

electives A MSc Marketing, Marketing Management

sem	course title	code	EC	C/E	lang
1.1	Building Brands for Impact	EBM073B05	5	E	EN
1.2	Marketing and Consumer Well-being	EBM192A05	5	E	EN
1.2	Retail Marketing: Strategy and Analytics	EBM880C05	5	E	EN
2.1	Managing Customer Experience and Value	EBM075B05	5	E	EN
2.1	Marketing Communication	EBM078A05	5	E	EN
2.2	B2B Marketing	EBM808B05	5	E	EN

Programme: MSc Marketing

Year: 1

electives B MSc Marketing, 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	Emerging Markets (MSc)	EBM085A05	5	E	EN
1.1	Organization Design (MSc)	EBM049A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Foreign Market Entry Strategies	EBM090B05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Digital Marketing Intelligence	EBM079B05	5	E	EN
2.2	Behavioural Finance	EBM806C05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN

2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Strategic Supply Chain Management	EBM039A05	5	E	EN

Appendix 11.3 DD MSc Marketing – Fudan University, Shanghai (2-year)

The English-language Double Degree programme of the MSc Marketing, track Marketing Analytics and Data Science or track Marketing Management (FEB) and the MSc Economics, specialization Applied Economics of the Fudan University, School of Economics, Shanghai, China comprises 120 EC and consists of the following courses and study load:

Programme: DD MSc Marketing, Marketing Analytics and Data Science–
Fudan University, Shanghai

Year: 1
core programme DD MSc Marketing - Marketing Analytics and Data Science

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Analytics and Data Science		60	C	EN

NB	• DD-students can only start in September.
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Programme: DD MSc Marketing - Marketing Management– Fudan University, Shanghai

Year: 1
core programme core programme DD MSc Marketing, Marketing Management

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Management		60	C	EN

NB	• DD-students can only start in September.
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Programme: DD MSc Marketing - Marketing Analytics and Data Science –
Fudan University, Shanghai

Year: 2
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

Programme: DD MSc Marketing - MSc Marketing Management – Fudan University, Shanghai

Year: 2
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 11.4 DD MSc Marketing, track Marketing Analytics and Data Science/MADS – Münster University MIS/MF, Münster (2-year)

The English-language Double Degree programme of the MSc Marketing, track Marketing Analytics and Data Science (FEB) and the MSc Business Administration (Marketing and Finance) of the Münster University School of Economics and Business, profile Marketing Information Systems (MIS) or profile Marketing Finance (MF) comprises 120 EC and consists of the following courses and study load in EC:

Programme: DD MSc Marketing - Marketing Analytics and Data Science – Münster University profile MIS or MF, Münster

Year: 1
core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Analytics and Data Science		60	C	EN

- | | |
|----|--|
| NB | <ul style="list-style-type: none"> In Münster students study either variant Marketing Information Systems (MIS) or variant Marketing Finance (MF). In Groningen all students follow the same programme Marketing Analytics and Data Science (MADS). DD-students can only start in September. |
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Programme: DD MSc Marketing - Marketing Analytics and Data Science – Münster University profile MIS or MF, Münster

Year: 1
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

- | | |
|----|--|
| NB | <ul style="list-style-type: none"> In Münster students study either variant Marketing Information Systems (MIS) or variant Marketing Finance (MF). In Groningen all students follow the same programme Marketing Analytics and Data Science (MADS). DD-students can only start in September. |
|----|--|

Programme: DD MSc Marketing - Marketing Analytics and Data Science – Münster University profile MIS or MF, Münster

Year: 2
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 - Marketing Analytics and Data Science – Münster University profile MIS or MF, Münster

Year: 2
core programme for students from Münster

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Analytics and Data Science		60	C	EN

Appendix 11.5 DD MSc Marketing, track Marketing Analytics and Data Science/MADS – BI, Oslo (2-year)

The English-language Double Degree programme of the MSc Marketing, track Marketing Analytics and Data Science (FEB) and the MSc Strategic Marketing Management of the BI Norwegian Business School, Oslo, Norway comprises 120 EC and consists of the following courses and study load in EC:

Programme: DD MSc Marketing - Marketing Analytics and Data Science – BI, Oslo
Year: 1
 core programme for students from FEB

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Analytics and Data Science		60	C	EN

NB • DD-students can only start in September.

Programme: DD MSc Marketing - Marketing Analytics and Data Science – BI, Oslo
Year: 1
 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

NB • DD-students can only start in September.

Programme: DD MSc Marketing - Marketing Analytics and Data Science – BI, Oslo
Year: 2
 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

NB • MSc Strategic Management from BI Norwegian Business School comprises 64 EC.

Programme: DD MSc Marketing - Marketing Analytics and Data Science – BI, Oslo
Year: 2
 core programme for students from Oslo

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	identical to MSc Marketing - Marketing Analytics and Data Science		60	C	EN

NB • The course 'Companies, Brands, and Consumers' (EBM215A05) overlaps with two courses ('Brand Management', and 'Understanding the Consumer') in the BI (Oslo) programme and therefore BI students have to replace the course Companies, Brands, and Consumers with an elective course which they can choose from the electives list MSc Marketing MADS.

Appendix 12 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 Supply Chain Management consists of the following courses (with study load in EC)

Programme: MSc Supply Chain Management/SCM

Year: 1
core programme MSc SCM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective(s) MSc SCM		10	C	EN
1.1	Logistics and Supply Chain Operations	EBM035A05	5	C	EN
1.1	Supply Chain Network Design	EBM040A05	5	C	EN
1.2	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
1.1	• Service Operations <i>and/or</i>	EBM634A05	5	EG	EN
1.2	• Purchasing <i>and/or</i>	EBM037A05	5	EG	EN
2.1	• Global Supply Chain Man & Sustainability <i>and/or</i>	EBM201A05	5	EG	EN
2.1	• Healthcare Operations <i>and/or</i>	EBM034A05	5	EG	EN
2.1	• Supply Chain Analytics <i>and/or</i>	EBM147B05	5	EG	EN
2.1	• Sales and Operations Planning	EBM222A05	5	EG	EN

NB	<ul style="list-style-type: none"> Students choose 5 EC from the option/elective group (EG). Students choose 10 EC from 'electives MSc SCM' They also may choose courses from the option/elective group (EG) they have not already taken. Students who start the MSc SCM in February should note the following changes: <ul style="list-style-type: none"> Research Methods for SCM in semester 2.2 Strategic Supply Chain Management in semester 2.2 Master's Thesis SCM in semester 1 other options electives Students of the MSc SCM programme can focus on a certain area, namely 'Energy', or 'Healthy Society'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.
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Programme: MSc Supply Chain Management/SCM

Year: 1
electives MSc SCM

sem	course title	code	EC	C/E	lang
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Facility Design and Planning	EBM025A05	5	E	EN
1.1	Financial Reporting and Risk Management	EBM168A05	5	E	EN
1.1	Healthcare Purchasing and Supply Chains	EBM193B05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN

1.2	Smart Industry Operations	EBM223A05	5	E	EN
1.2	Strategic Collaboration in Healthcare	EBM225A05	5	E	EN
1.2	Sustainable Energy Supply	EBM202A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Challenges in Healthcare	EBM226A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Inventory Management	EBM026A05	5	E	EN

Appendix 13 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.

Appendix 13.1 MSc TOM

The Master's degree programme Technology and Operations Management consists of the following courses (with study load in EC):

Programme: MSc Technology and Operations Management/TOM
Year: 1
core programme MSc TOM

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc TOM		10	C	EN
1.1	Data Analysis and Programming for OM	EBM208A05	5	C	EN
1.1	Operations Management and Control	EBM041A05	5	C	EN
1.2	Operations Modelling and Simulation	EBM029A05	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
1.1	• Facility Design and Planning <i>and/or</i>	EBM025A05	5	EG	EN
1.2	• Smart Industry Operations <i>and/or</i>	EBM223A05	5	EG	EN
1.2	• Sustainable Energy Supply <i>and/or</i>	EBM202A05	5	EG	EN
2.1	• Technology-enabled Innovation <i>and/or</i>	EBM760D05	5	EG	EN
2.2	• Inventory Management	EBM026A05	5	EG	EN

- NB**
- Students choose 5 EC from the option/elective group (EG).
 - Students choose 10 EC from 'electives MSc TOM' (see list). They also may choose courses from the option/elective group (EG) they have not already taken.
 - Students who start the MSc TOM in February should note the following changes:
 - Data Analysis and Programming for OM (EBM208A05) in semester 2.1
 - Operations Modelling and Simulation (EBM029A05) in semester 2.2
 - Research Methods for TOM (EBM031A05) in semester 2.2
 - Master's Thesis TOM (EBM766B20) in semester 1
 - other options electives
 - Students of the MSc TOM programme can focus on certain areas, namely 'Energy' or 'Digital Business'. For more information see Article 4.7 of the Teaching and Examination Regulations Master's degree programmes. Students must contact the thesis coordinator of the study programme before starting their thesis in the context of a focus area.

Programme: MSc Technology and Operations Management/TOM

Year: 1
electives MSc TOM

sem	course title	code	EC	C/E	lang
1.1	Business Research and Consulting	EBM151A05	5	E	EN
1.1	Service Operations	EBM634A05	5	E	EN
1.1	Sustainability: Strat., Innov. & Change	EBM210A05	5	E	EN
1.2	Business Research and Consulting	EBM151A05	5	E	EN
1.2	Data-driven Business Processes	EBM211A05	5	E	EN
1.2	Digital Transformation Strategy	EBM212A05	5	E	EN
1.2	Purchasing	EBM037A05	5	E	EN
2.1	Business Research and Consulting	EBM151A05	5	E	EN
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Healthcare Operations	EBM034A05	5	E	EN
2.1	Supply Chain Analytics	EBM147B05	5	E	EN
2.2	Business Research and Consulting	EBM151A05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Sales and Operations Planning	EBM222A05	5	E	EN

Appendix 13.2 DD MSc TOM – NUBS, Newcastle (1.5-year)

The English-language Double Degree programme of the MSc TOM (FEB) and the MSc Operations and Supply Chain Management of the Newcastle University Business School, Newcastle, UK comprises 90 EC and consists of the following courses and study load in EC:

Programme: DD MSc TOM – NUBS, Newcastle
Year: 1
core programme DD MSc TOM - NUBS, Newcastle

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	elective DD MSc TOM - NUBS, Newcastle		5	C	EN
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	Data Analysis and Programming for OM	EBM208A05	5	C	EN
2.2	Operations Modelling and Simulation	EBM029A05	5	C	EN
2.2	Research Methods for TOM	EBM031A05	5	C	EN
2.1	• Technology-enabled Innovation <i>or</i>	EBM760D05	5	EG	EN
2.2	• Inventory Management	EBM026A05	5	EG	EN

NB	<ul style="list-style-type: none"> • DD-students can only start in September. • In semester 2 all students participate in preparation Master's Thesis, offered in Groningen. • Students choose 5 EC from the option/elective group (EG). • Students choose 5 EC from 'elective(s) DD MSc TOM - NUBS'. They may also choose the course from the option/elective group (EG) they have not already taken.
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Programme: DD MSc TOM – NUBS, Newcastle
Year: 1
elective(s) DD MSc TOM - NUBS, Newcastle

sem	course title	code	EC	C/E	lang
2.1	Energy Transition & Innovation	EBM167A05	5	E	EN
2.1	Global Supply Chain Man & Sustainability	EBM201A05	5	E	EN
2.1	Healthcare Operations	EBM034A05	5	E	EN
2.1	Supply Chain Analytics	EBM147B05	5	E	EN
2.2	Innovation & Entrepreneurship	EBM621A05	5	E	EN
2.2	Sales and Operations Planning	EBM222A05	5	E	EN

Programme: DD MSc TOM – NUBS, Newcastle
Year: 2
core programme DD MSc TOM - NUBS, Newcastle

sem	course title	code	EC	C/E	lang
1.1-2	Master's Thesis TOM-DD Newcastle	EBM028A30	30	C	EN

Appendix 14 MSc 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 Research Master in Economics and Business consists of the following courses (with study load in EC):

Programme: MSc Research Master in Economics and Business
Year: 1
core programme MSc Research Master in Economics and Business

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives ReMa-Research Methods		10	C	EN
1.1-2 + 2.1-2	electives ReMa		35	C	EN
1.1-2 + 2.1-2	Learning and Practising Research	EBM878B10	10	C	EN
1.1-2	Philosophy of Science and Research Meth.	EBM185A05	5	C	EN

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|----|---|
| NB | <ul style="list-style-type: none"> In Year 1, students choose in total 45 EC electives. In Year 2, students choose a total of 25 EC electives. At least 30 EC of the electives chosen in the full two-year programme are from the list 'electives ReMa' courses. At least 10 EC of the electives (preferably in Year 1) are from the 'electives ReMa-Research Methods' courses (see list). Students can choose 30 EC from courses offered by FEB (incl. ReMa) or other faculties of the UG (with a maximum of 25 EC from regular master courses) and/or from ReMa- or PhD-courses in national or international networks, always in consultation with the programme coordinator and subject to approval by the programme director. |
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Programme: MSc Research Master in Economics and Business
Year: 2
core programme MSc Research Master in Economics and Business

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	electives MSc 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

Programme: MSc Research Master in Economics and Business
Year: 1&2
electives MSc Research Master in Economics and Business

sem	course title	code	EC	C/E	lang
1.1	International Business for ReMa	EBM891B05	5	E	EN
1.1	Macroeconomic Analysis	EBM181A05	5	E	EN
1.1	Macroeconomic Theory	EBM127A05	5	E	EN
1.1	Organization Theory for ReMa	EBM017A05	5	E	EN
1.2	Managing Innovation	EBM182A05	5	E	EN
1.2	Microeconomic Analysis	EBM183A05	5	E	EN
1.2	Monetary Theory	EBM129A05	5	E	EN
1.2	Organizational Behaviour for ReMa	EBM769C05	5	E	EN
1.2	Performance Measurement and Control Research	EBD002A05	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
2.1	Strategic Management for ReMa	EBM187A05	5	E	EN
2.2	Asset Pricing for ReMa	EBM172A05	5	E	EN
2.2	Behavioural Decision Making for ReMa	EBM173A05	5	E	EN
2.2	Behavioural Economics and Exp. Design	EBM174A05	5	E	EN
2.2	Corporate Governance for ReMa	EBD001A05	5	E	EN
2.2	Empirics of Growth	EBM178A05	5	E	EN
2.2	Marketing Theory	EBM894A05	5	E	EN
2.2	Supply Chain Management Research	EBM137A05	5	E	EN
2.2	Theoretical Corporate Finance	EBM857C05	5	E	EN

Programme: MSc Research Master in Economics and Business
Year: 1&2
electives MSc ReMa-Research Methods

sem	course title	code	EC	C/E	lang
1.1	Econometric Methods	EBM835C05	5	E	EN
1.1	Empirical Methods of Economics	EBM103A05	5	E	EN
1.1	Multivariate Data Analysis	EBM895A05	5	E	EN
1.2	Data Science Methods	EBM175A05	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	Design of Combinatorial Algorithms	EBM115B05	5	E	EN
2.1	Econometric Analysis of Panel Data	EBM177A05	5	E	EN
2.1	Empirical Methods of Economics	EBM103A05	5	E	EN
2.1	Survey Research	EBM138A05	5	E	EN
2.2	Case Study Research	EBM121A05	5	E	EN
2.2	Data Analysis and Machine Learning	EBM805D05	5	E	EN

Appendix 15 MSc 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 Master's degree programme Executive Master of Accountancy consists of the following courses (with study load in EC):

Programme: MSc Executive Master of Accountancy/EMA

Year: 1
core programme MSc EMA

sem	course title	code	EC	C/E	lang
1.1	Audit & Assurance I	EBE028A10	10	C	NL
1.2	IC AIS Comprehensive Design	EBE025A10	10	C	NL
1.2	IC-CG Integratie Portfolio deel I	EBE027A03	3	C	NL
2.2	CG-AA Integratie Portfolio deel II	EBE029A02	2	C	NL
2.2	Externe Verslaggeving Research	EBE024A05	5	C	NL

- NB
- The examination for the course Audit & Assurance I (EBE028A10) has been passed if a pass has been obtained for the written examination and the final mark is a pass. The final mark is a weighted average of the results of the interim assignment and the written exam.
 - The course IC AIS Comprehensive Design (EBE025A10) includes a written exam. This written exam consists of two exam parts (vraagstuk 1 and vraagstuk 2). For a sufficient final mark, each component must be assessed with at least a 5.0 and the unweighted average of both partial grades are at least 5.5. If the score on one or both parts is lower than 5.0, the final mark is a maximum of 5.
 - The course IC-CG Integratie Portfolio deel I (EBE027A03) has been passed if the associated case has been completed with a satisfactory result.
 - The course CG-AA Integratie Portfolio deel II (EBE029A02) has been passed if the associated case has been awarded a pass.
 - The course Externe Verslaggeving Research (EBE024A05) has been passed if the research assignment of this course has been awarded with a sufficient result.
 - A pass mark is understood to mean a mark of 5.5 or higher.

Programme: MSc Executive Master of Accountancy/EMA

Year: 2
core programme MSc EMA

sem	course title	code	EC	C/E	lang
1.1	Externe verslaggeving voor Accountants	EBE030A15	15	C	NL/EN
1.2	Audit & Assurance II	EBE031A05	5	C	NL/EN

1.2 en 2.1	Afronding Accountancy Portfolio deel III	EBE032A06	6	C	NL/EN
2.2	Afronding Accountancy Mondeling	EBE033A04	4	C	NL/EN
NB	<ul style="list-style-type: none"> The student is admitted to the lectures of the course Audit & Assurance II (EBE031A05) if the exam for the course IC AIS Comprehensive Design (EBE025A10) has been legally passed by the student concerned at least once. The student is admitted to the national written exam for the course Audit & Assurance II (EBE031A05), if the exam Audit & Assurance I (EBE028A10) has been legally passed by the student at least once. The course Audit & Assurance II (EBE031A05) includes a national written exam. The national written exam consists of two exam components (vraagstuk 1 and vraagstuk 2). At least 11 points must be obtained for the two parts together. The determination of the national written exam and the method of assessment are determined by an external committee of the NBA (Koninklijke Nederlandse Beroepsorganisatie van Accountants). The student is admitted to the course Afronding Accountancy Portfolio deel III (EBE032A06) if this student has participated in all previous courses from the EMA program and has taken the exams on a regular basis. Portfolio deel I (EBE027A03) and Portfolio deel II (EBE029A02) must also be completed with a pass. The student is admitted to the final oral examination Afronding Accountancy Mondeling (EBE033A04) after the relevant student has successfully completed Afronding Accountancy Portfolio deel III (EBE032A06). A pass mark is understood to mean a mark of 5.5 or higher. The oral exam must be completed with a score of at least a 6. The graduation paper of the Executive Master of Accountancy consists of the following study components: <ul style="list-style-type: none"> IC-CG Integratie Portfolio deel I (EBE027A03) CG-AA Integratie Portfolio deel II (EBE029A02) Afronding Accountancy Portfolio deel III (EBE032A06) Afronding Accountancy Mondeling (EBE033A04) The general exemption regulations apply to the other courses of the degree programme, as formulated in Article 6.11 of the TER. 				

Appendix 16 MSc Executive MBA

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 16.1 MSc Executive MBA, track Energy Transition

The Master's degree programme Executive MBA, track Energy Transition consists of the following courses (with study load in EC):

Programme: MSc Executive MBA - Energy Transition
Year: 1
core programme MSc EMBA - Energy Transition

sem	course title	code	EC	C/E	lang
1.1	Business in Transition EMBA Energy Transition	EBE058A05	5	C	EN
1.1	Energy: Systems, Society, Policy, and Markets	EBE059A05	5	C	EN
1.2	EMBA Integration Proj. I EMBA Energy Transition	EBE073A05	5	C	EN
1.2	Strat. Man. & Bus. Models EMBA Energy Transition	EBE093A05	5	C	EN
2.2	Energy Business	EBE060A05	5	C	EN

2.2	Positioning and Branding EMBA Energy Transition	EBE074A05	5	C	EN
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NB	<ul style="list-style-type: none"> The EMBA Energy Transition is a 2-year program. The programme is offered on a trimester basis. Each academic year is divided into 3 trimesters (1.1 (trimester 1), 1.2 (trimester 2), 2.2 (trimester 3)). Each trimester is 13 weeks. Students follow 2 courses in every trimester. Each trimester has: 9 lecture weeks and 2 exam weeks. The 2-year programme is offered in a blended format. It consists of small-group online teaching with 3 intense weeks (3 x 1 weeks) of on-campus teaching on 3 different locations (Paris, Berlin, Rotterdam). During these 3 intense weeks participants also visit study locations.
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Programme: MSc Executive MBA - Energy Transition
Year: 2
core programme MSc EMBA - Energy Transition

sem	course title	code	EC	C/E	lang
1.1	EMBA Integration Proj. II EMBA Energy Transition	EBE075A05	5	C	EN
1.1	Energy Investment and Finance	EBE061A05	5	C	EN
1.2	Leadership & Organization EMBA Energy Transition	EBE076A05	5	C	EN
1.2	Multidisciplinary Perspective on Energy Transition	EBE062A05	5	C	EN
2.2	EMBA Integration Proj. III EMBA Energy Transition	EBE078A05	5	C	EN
2.2	Finance and Bus. Valuation EMBA Energy Transition	EBE077A05	5	C	EN

Appendix 16.2 MSc Executive MBA, track Food & Retail

The Master's degree programme Executive MBA, track Food & Retail consists of the following courses (with study load in EC):

Programme: MSc Executive MBA - Food & Retail
Year: 1
core programme MSc EMBA - Food and Retail

sem	course title	code	EC	C/E	lang
1.1	Business in Transition EMBA Food and Retail	EBE036B05	5	C	NL
1.2	Strat. Man. & Bus. Models EMBA Food and Retail	EBE037B05	5	C	NL
2.1	Entrepreneurship and Business Ethics	EBE038A05	5	C	NL
2.2	EMBA Integration Proj. I EMBA Food and Retail	EBE039B05	5	C	NL

NB	<ul style="list-style-type: none"> The courses from year 1 will be offered in academic year 2023-2024.
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Programme: MSc Executive MBA - Food & Retail
Year: 2
core programme MSc EMBA - Food and Retail

sem	course title	code	EC	C/E	lang
1.1	Positioning and Branding EMBA Food and Retail	EBE040B05	5	C	NL

1.2	Omnichannel Retailing & Digital Market.	EBE041A05	5	C	NL/EN
2.1	Buying and Merchandising	EBE042A05	5	C	NL
2.2	EMBA Integration Proj. II EMBA Food and Retail	EBE043B05	5	C	NL

NB	• The courses from year 2 will be offered again in academic year 2024-2025.
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Programme: MSc Executive MBA - Food & Retail
Year: 3
core programme MSc EMBA - Food and Retail

sem	course title	code	EC	C/E	lang
1.1	Value Chain Management and E-Logistics	EBE044A05	5	C	NL
1.2	Leadership & Organization EMBA Food and Retail	EBE045B05	5	C	NL
2.1	Finance and Bus. Valuation EMBA Food and Retail	EBE046B05	5	C	NL
2.2	EMBA Integration Proj. III EMBA Food and Retail	EBE047B05	5	C	NL

NB	• The courses from year 3 will be offered again in academic year 2025-2026.
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Appendix 16.3 MSc Executive MBA, track Health

The Master's degree programme Executive MBA, track Health consists of the following courses (with study load in EC):

Programme: MSc Executive MBA - Health
Year: 1
core programme MSc EMBA - Health

sem	course title	code	EC	C/E	lang
1.1	Business in Transition EMBA Health	EBE063A05	5	C	NL/EN
1.1	Health Systems	EBE064A05	5	C	NL/EN
1.2	EMBA Integration Proj. I EMBA Health	EBE079A05	5	C	NL/EN
1.2	Strat. Man. & Bus. Models EMBA Health	EBE080A05	5	C	NL/EN
2.2	Managing Healthcare	EBE065A05	5	C	NL/EN
2.2	Positioning and Branding EMBA Health	EBE081A05	5	C	NL/EN

NB	<ul style="list-style-type: none"> • The MSc Executive MBA - Health offers the following courses in Groningen: Business in Transition EMBA Health, Strat. Man. & Bus. Models EMBA Health, Positioning and Branding EMBA Health, Leadership and Organization EMBA Health, Finance and Bus. Valuation EMBA Health. • This is done on a trimester basis. The academic year is divided into periods or trimesters (1.1 (trimester 1), 1.2 (trimester 2), 2.2 (trimester 3)). The first and second year each consists of three trimesters. Each trimester is 13 weeks. Students take 2 courses every trimester. • Each trimester has: 9 lecture weeks and 2 exam weeks. • The language of instruction is a combination of English and Dutch.
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Programme: MSc Executive MBA - Health
Year: 2
core programme MSc EMBA - Health

sem	course title	code	EC	C/E	lang
1.1	EMBA Integration Proj. II EMBA Health	EBE082A05	5	C	NL/EN

1.1	Health and Finance	EBE066A05	5	C	NL/EN
1.2	Innovation and Change in Healthcare	EBE067A05	5	C	NL/EN
1.2	Leadership and Organization EMBA Health	EBE083A05	5	C	NL/EN
2.2	EMBA Integration Proj. III EMBA Health	EBE085A05	5	C	NL/EN
2.2	Finance and Bus. Valuation EMBA Health	EBE084A05	5	C	NL/EN

Appendix 16.4 MSc Executive MBA, track Sustainable Business Models

The Master's degree programme Executive MBA, track Sustainable Business Models consists of the following courses (with study load in EC):

Programme: MSc Executive MBA - Sustainable Business Models
Year: 1
core programme MSc EMBA - Sustainable Business Models

sem	course title	code	EC	C/E	lang
1.1	Business in Transition EMBA SBM	EBE068A05	5	C	NL/EN
1.1	Sustainable Business	EBE069A05	5	C	NL/EN
1.2	EMBA Integration Proj. I EMBA SBM	EBE086A05	5	C	NL
1.2	Strat. Man. & Bus. Models EMBA SBM	EBE087A05	5	C	NL/EN
2.2	Data-driven and Purpose-driven Change	EBE070A05	5	C	NL/EN
2.2	Positioning and Branding EMBA SBM	EBE088A05	5	C	NL/EN

NB	<ul style="list-style-type: none"> De MSc Executive MBA - Sustainable Business Models offers the following courses in Groningen: Business in Transition EMBA SBM, Strat. Man. & Bus. Models EMBA SBM, Positioning and Branding EMBA SBM, Leadership and Organization EMBA SBM, Finance and Bus. Valuation EMBA SBM. The programme is offered on a trimester basis. Each academic year is divided into 3 trimesters (1.1 (trimester 1), 1.2 (trimester 2), 2.2 (trimester 3)). The first and second year each contain 3 trimesters. Each trimester is 13 weeks. Students follow 2 courses in every trimester. Each trimester has: 9 lecture weeks and 2 exam weeks. During college days a time period is available for contact hours: In principle a course is given every week from 9:00 to 12:00, the second course from 13:00 to 16:00.
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Programme: MSc Executive MBA - Sustainable Business Models
Year: 2
core programme MSc EMBA - Sustainable Business Models

sem	course title	code	EC	C/E	lang
1.1	EMBA Integration Proj. II EMBA SBM	EBE089A05	5	C	NL
1.1	Leadership in Transformation	EBE071A05	5	C	NL/EN
1.2	Enacting Change in Ecosystems	EBE072A05	5	C	NL/EN
1.2	Leadership and Organization EMBA SBM	EBE090A05	5	C	NL/EN
2.2	EMBA Integration Proj. III EMBA SBM	EBE092A05	5	C	NL
2.2	Finance and Bus. Valuation EMBA SBM	EBE091A05	5	C	NL/EN

NB	<ul style="list-style-type: none"> The courses of year 2 will not be offered in academic year 2023-2024.
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Appendix 17 MSc 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 Master's degree programme Executive Master of Finance and Control consists of the following courses (with study load in EC):

Programme: MSc Executive Master of Finance and Control/EMFC
Year: 1
core programme MSc EMFC

sem	course title	code	EC	C/E	lang
1.1	Management Accounting & Control EMFC	EBE020B05	5	C	NL
1.1	Org. Beh. & Change Management EMFC	EBE034A04	4	C	NL
1.2	Acc. Inf. Systems & Risk Man. EMFC	EBE035A04	4	C	NL
1.2	Corporate Law EMFC	EBE010B04	4	C	NL
2.2	Internal Control EMFC	EBE019C06	6	C	NL
2.2	Tax Risk Management EMFC	EBE004B04	4	C	NL

NB	<ul style="list-style-type: none"> • The academic year is structured in trimesters: <ul style="list-style-type: none"> • 1.1 (trimester 1) • 1.2 (trimester 2) • 2.2 (trimester 3) • The program is organized in trimesters of 13 weeks each: each trimester, students follow two courses. • Each trimester has: <ul style="list-style-type: none"> • 1 week with interactive tutorials with special attention to Controllership EMFC (EBE016C03) course • 9 weeks of instruction • 2 exam weeks • The day with instruction is organized as follows: <ul style="list-style-type: none"> • one course can make use of the time slot between 9 AM and noon • the other course can use the time slot between 1 and 4 PM.
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Programme: MSc Executive Master of Finance and Control/EMFC
Year: 2
core programme MSc EMFC

sem	course title	code	EC	C/E	lang
1.1-2 + 2.1-2	Controllership EMFC	EBE016C03	3	C	NL
1.1	Strategic Management EMFC	EBE011B04	4	C	NL
1.1	Treasury & Financial Management EMFC	EBE006B04	4	C	NL
1.2	Financial Accounting EMFC	EBE002B04	4	C	NL
2.1-2	Master's Thesis EMFC	EBE022C14	14	C	NL
2.2	Corporate Finance EMFC	EBE007B04	4	C	NL

NB	<ul style="list-style-type: none"> • EMFC students may start with the Master's Thesis EMFC (EBE022C14) if they have to complete no more than 2 courses of the EMFC programme.
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Appendix 18 MSc Executive Master Mergers & Acquisitions and Valuation

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 Executive Master Mergers & Acquisitions and Valuation consists of the following courses (with study load in EC):

Programme: **MSc Executive Master Mergers & Acquisitions and Valuation/EMMAV**

Year: **1**
core programme MSc EMMAV

sem	course title	code	EC	C/E	lang
1.1	M&A and Valuation Portfolio Part I	EBE049A02	2	C	EN
1.1	Strategy, M&A and Value Creation	EBE048A05	5	C	EN
1.2	Accounting and Modelling	EBE050A07	7	C	EN
1.2	M&A and Valuation Portfolio Part II	EBE051A05	5	C	EN
2.1	Valuation Methods and Techniques	EBE052A08	8	C	EN
2.2	Deal Phase	EBE054A10	10	C	EN
2.2	M&A and Valuation Portfolio Part III	EBE053A05	5	C	EN

- | | |
|----|--|
| NB | <ul style="list-style-type: none"> • The course Deal Phase (EBE054A10) continues in year 2. • The course M&A and Valuation Portfolio Part III (EBE053A05) continues in year 2 (approximately 50% of the course). |
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Programme: **MSc Executive Master Mergers & Acquisitions and Valuation/EMMAV**

Year: **2**
core programme MSc EMMAV

sem	course title	code	EC	C/E	lang
1.1	Post-Merger Integration and Carve Outs	EBE055A04	4	C	EN
1.2	Special Issues on M&A and Valuation	EBE056A04	4	C	EN
2.1-2	M&A and Valuation Portfolio Part IV	EBE057A10	10	C	EN

Appendix 19 Practical exercises

The following courses (see table) contain a practical exercise that has to be completed at a sufficient level in order to qualify for the examination and the assessment of the examination. This practical exercise consists of mandatory attendance at meetings and/or obligatory submission and/or presentation of intermediate products, and the connected interaction between supervisor and student. Details of the practical exercise are entered in the course manual. The result of the practical exercise is only valid in the (half)semester the course is offered.

course title	code
Afronding Accountancy Portfolio deel III	EBE032A06
Country Studies	EBM093A05
Economic Policy Workshop	EBM224A05
EMBA Integration Proj. I EMBA Energy Transition	EBE073A05
EMBA Integration Proj. I EMBA Food and Retail	EBE039B05
EMBA Integration Proj. I EMBA Health	EBE079A05
EMBA Integration Proj. I EMBA SBM	EBE086A05
EMBA Integration Proj. II EMBA Energy Transition	EBE075A05
EMBA Integration Proj. II EMBA Food and Retail	EBE043B05
EMBA Integration Proj. II EMBA Health	EBE082A05
EMBA Integration Proj. II EMBA SBM	EBE089A05
EMBA Integration Proj. III EMBA Energy Transition	EBE078A05
EMBA Integration Proj. III EMBA Food and Retail	EBE047B05

EMBA Integration Proj. III EMBA Health	EBE085A05
EMBA Integration Proj. III EMBA SBM	EBE092A05
Externe Verslaggeving Research	EBE024A05
International Risk Analysis and Research	EBM099B05
M&A and Valuation Portfolio Part III	EBE053A05
M&A and Valuation Portfolio Part IV	EBE057A10
Master's Thesis Accountancy	EBM869B20
Master's Thesis Actuarial Studies	EBM871A20
Master's Thesis BA Change Management	EBM724A20
Master's Thesis BA Health	EBM205A20
Master's Thesis BA MAC	EBM859B20
Master's Thesis BA SB&E	EBM712A20
Master's Thesis BA SIM	EBM723B20
Master's Thesis Controlling	EBM870B20
Master's Thesis Econometrics	EBM872A20
Master's Thesis Economics Competition and Regulation	EBM230A20
Master's Thesis Economics Issues in Economics	EBM229A20
Master's Thesis Economics Monetary Policy	EBM231A20
Master's Thesis ED&G	EBM868B20
Master's Thesis EMFC	EBE022C14
Master's Thesis Finance Corporate Finance	EBM233A20
Master's Thesis Finance Development Finance	EBM237A20
Master's Thesis Finance General Finance	EBM238A20
Master's Thesis Finance Investment and Risk Management	EBM235A20
Master's Thesis Finance Sustainable Finance	EBM236A20
Master's Thesis HRM	EBM722B20
Master's Thesis IB&M	EBM719A20
Master's Thesis IB&M - DD Newcastle	EBM091A25
Master's Thesis IFM	EBM022A20
Master's Thesis Marketing MADS	EBM218A20
Master's Thesis Marketing Management	EBM217A20
Master's Thesis Operations Research	EBM873A20
Master's Thesis RM E&B	EBM897A30
Master's Thesis SCM	EBM720B20
Master's Thesis TOM	EBM766B20
Master's Thesis TOM-DD Newcastle	EBM028A30
World Economy in Historical Perspective	EBM101B05

Appendix 20 Compulsory level of knowledge

Compulsory level of knowledge, if applicable, is mentioned in Appendix 2 to Appendix 18.

Appendix 21 Substitution and transition regulations

Appendix 21.1 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 2023-2024 there will be two opportunities to take this resit. This applies only to courses offered for the last time in 2022-2023. 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 2023-2024 for the course of the old programme. This applies only to courses offered for the last time in 2022-2023. The resit examination periods may deviate from those of the academic year 2022-2023.
2. The notes in Appendix 21.1.1 apply to the substitution and transition regulations of all Master's degree programmes including DD Master's programmes (part UG).
 3. Transition regulations are designed for students who follow the new curriculum of their programme and who have rounded off (a) course(s) in (an) older programme(s)

Appendix 21.2 MSc Business Administration (BA): substitution regulation

MSc BA substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Strategic Analysis for Small Business (EBM060A05)	1.1	Entrepreneurship and Small Business Strategy (EBM060B05)	1.1	option 1
Business Diagnosis and Design (EBM042A05)	1.2	Applied SB&E Projects (EBM042B05)	1.2	option 1

Appendix 21.3 MSc Economics: substitution regulation

MSc Economics substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Games and Industrial Organization (EBM104A05)	1.1	Current Topics in Microeconomics (EBM228A05)	1.1	option 2
Master's Thesis Economics (EBM877A20)	2.1-2	1 of the 3 profile theses MSc Economics (EBM229A20) or EBM230A20) or EBM231A20)	2.1-2	option 1

Appendix 21.4 MSc Finance: substitution regulation

MSc Finance substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Energy and Finance (EBM166A05)	1.2			option 3

Responsible Finance and Investing (EBM071A05)	1.2	Sustainable Finance (EBM071B05)	1.2	option 1
Behavioural Finance & Personal Investing (EBM806B05)	2.2	Behavioural Finance (EBM806C05)	2.2	option 1
Research Methods in Finance (EBM070A05)	1.1	Research Methods for Finance (EBM070B05)	1.1	option 1
Corporate Finance for MSc Finance (EBM008B05)	1.1	Theoretical Corporate Finance for MSc Finance (EBM008C05)	1.2	option 1
Master's Thesis Finance (EBM866B20)	2.1-2	1 of the 5 profile theses MSc Finance (EBM233A20) or (EBM235A20) or (EBM236A20) or (EBM237A20) or (EBM238A20)	2.1-2	option 1

Appendix 21.5 MSc Human Resource Management (HRM): substitution regulation

MSc HRM substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Research & Professional Skills for HRM (EBM009B05)	1.1	Professional Skills for HRM (EBM239A05)	1.1	option 2

Appendix 21.6 MSc International Business and Management (IB&M): substitution regulation

MSc IB&M substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Comparative Environmental Analysis (EBM084B05)	2.1	other elective A MSc IB&M	1.1-2 2.1-2	option 3

Appendix 21.7 MSc Marketing: substitution regulation

MSc Marketing substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Brand & Product Management (EBM073A05)	1.1	Building Brands for Impact (EBM073B05)	1.1	option 1
Retail & Omnichannel Marketing (EBM880B05)	1.2	Retail Marketing: Strategy and Analytics (EBM880C05)	1.2	option 1

Customer Management (EBM075A05)	2.1	Managing Customer Experience and Value (EBM075B05)	2.1	option 1
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Appendix 21.8 MSc Supply Chain Management (SCM): substitution regulation

MSc SCM substitution regulation 2023-2024				
course in OLD programme (2022-23)	sem. 22-23	substitution course(s) 2023-2024	sem. 23-24	option (see App. 21.1)
Supply Chain Dynamics (EBM147A05)	2.1	Supply Chain Analytics (EBM147B05)	2.1	option 1

Appendix 21.9 MSc Business Administration (BA): transition regulation

MSc BA transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Entrepreneurship and Small Business Strategy (EBM060B05)	1.1	Strategic Analysis for Small Business (EBM060A05)
Applied SB&E Projects (EBM042B05)	1.2	Business Diagnosis and Design (EBM042A05)

Appendix 21.10 MSc Economics: transition regulation

MSc Economics transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Current Topics in Microeconomics (EBM228A05)	1.1	Games and Industrial Organization (EBM104A05)
1 of the 3 profile theses MSc Economics (EBM229A20) or EBM230A20) of EBM231A20)	2.1-2	Master's Thesis Economics (EBM877A20)

Appendix 21.11 MSc Finance: transition regulation

MSc Finance transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Sustainable Finance (EBM071B05)	1.2	Responsible Finance and Investing (EBM071A05)
Behavioural Finance (EBM806C05)	2.2	Behavioural Finance & Personal Investing (EBM806B05)
Research Methods for Finance (EBM070B05)	1.1	Research Methods in Finance (EBM070A05)

Theoretical Corporate Finance for MSc Finance (EBM008C05)	1.2	Corporate Finance for MSc Finance (EBM008B05)
1 of the 5 profile theses MSc Finance (EBM233A20) or (EBM235A20) or (EBM236A20) or (EBM237A20) or (EBM238A20)	2.1-2	Master's Thesis Finance (EBM866B20)

Appendix 21.12 MSc Human Resource Management (HRM): transition regulation

MSc HRM transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Professional Skills for HRM (EBM239A05)	1.1	Research & Professional Skills for HRM (EBM009B05)

Appendix 21.13 MSc Marketing: transition regulation

MSc Marketing transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Building Brands for Impact (EBM073B05)	1.1	Brand & Product Management (EBM073A05)
Retail Marketing: Strategy and Analytics (EBM880C05)	1.2	Retail & Omnichannel Marketing (EBM880B05)
Managing Customer Experience and Value (EBM075B05)	2.1	Customer Management (EBM075A05)

Appendix 21.14 MSc Supply Chain Management (SCM): transition regulation

MSc SCM transition regulation 2023-2024		
course in NEW programme (2023-2024)	sem. 23-24	courses of OLD programme that (if completed) may replace the new course
Supply Chain Analytics (EBM147B05)	2.1	Supply Chain Dynamics (EBM147A05)

III Regulations Overlapping Examinations

Article 1. Introduction

1. Examinations are to be scheduled as much as is possible so as to avoid any overlap. In addition, the following extra restrictions also apply:
 - a) in one Bachelor's degree programme, the examinations for propaedeutic and second-year courses shall not overlap,
 - b) examinations for second-year and compulsory third-year courses in one Bachelor's degree programme shall not overlap,
 - c) examinations of compulsory third-year courses and profile- or track-specific courses in one programme shall not overlap (this does not apply to the different profile- or track-specific courses),
 - d) resit examination will as much as is possible be scheduled in the second part of an examination block and the regular examinations in the first part of each examination block,
 - e) examination schedules will be published per semester at the same time as the course schedules and will in principle not change afterwards.
2. By taking the provisions of Article 1.1 above into consideration when scheduling examinations overlapping examinations will be avoided as much as is possible. Because all examination dates are published well in advance of the deadline for course registration students can see in good time if two examinations are scheduled in at the same time and they can adapt their choice.
3. If, despite the measures listed above, two examinations are scheduled at the same time and the student wishes to sit them both, the student will then under certain conditions be given the opportunity to sit the two examinations immediately one after the other.

Article 2. Criteria for assigning individual arrangements

1. Students can only derive rights from the regulation set out below if they submit a request in good time. A student who wishes to invoke the regulation must complete and send the online form 'Request for arrangement regarding overlap in examinations' no later than the last working day before the start of the examination enrolment. After that, the student must sign up for both examinations during the regular enrolment period via the Progress application. Should a request not be submitted in time the Board of Examiners shall decide whether or not the student is eligible for consideration.
2. In case this concerns (re-)examinations of compulsory courses, then the student is in, at a minimum, entitled to an individual arrangement that will enable him/her to take both examinations in the relevant block. An employee of the Student Administration Office will check whether the student has filled in all details correctly (examination times, et cetera) and inform the student of the subsequent procedure.
3. If one or both courses are unrelated electives, an appointment must be made with the study advisor to assess whether taking both, overlapping examinations is necessary to avoid large study delay problems. The study advisor will then send a reasoned advice to the Board of Examiners. The latter will take the final decision whether or not an individual arrangement is to be offered. The study advisor will inform the student and possibly the lecturer of the decision and hands the completed form in at the Student Administration Office of the Faculty, from where it will be processed further on.

Article 3. The individual arrangement

1. An individual arrangement means, in principle, that the student is given the opportunity to take the examinations one after the other: one at the regular time and the other either immediately before or immediately after the regular exam, with a maximum break of one hour between the two examinations.
2. Both examinations are taken in a separate room and an invigilator is to be present.

Article 4. First point of contact and subsequent procedure

1. The Student Administration Office of the Faculty 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). The student will be referred to the study advisor and must make an appointment if the criteria are not met

(see Article 2.3)

2. If the request is approved, then an employee of the Student Administration Office will organize a room - naturally in consultation with the secretary of the coördinator of the course to be examined - (see Article 3.2), a copy of the examination paper plus accessoires, et cetera.

Article 5. Final provisions

In case of divergencies of interpretation between the Dutch language version and the English language version of these Regulations, the Dutch language version shall prevail.

IV Regulations Theses BSc, MSc, and Pre-MSc Research papers

Article 1. Introduction

1. These Regulations comprise general rules that apply to all theses of the bachelor and master degree programmes, and the research papers of the Pre-Master's programmes of the Faculty of Economics and Business of the University of Groningen
2. These Regulations are supplemented, insofar as it concerns the authority and responsibility of the Board of Examiners, in Article 16 of the Rules and Regulations of the Board of Examiners.
3. These Regulations will be further detailed and complemented in a Manual on theses and an Assessment form for theses. The latter documents may vary per programme.
4. The Manual referred to in section 1.3 includes, at a minimum, further information about the requirements in respect of admission, the registration procedure, the topic, the form and structure and the learning outcomes of the thesis or research paper as well as information about supervision and the assessment procedure.
5. The form referred to in section 1.3 is a list of assessment aspects that are explicitly used in the determination of the final grade.
6. The documents referred to in section 1.3 are determined each academic year and made available at the start of the thesis or research paper.

Article 2. Admission, time-path

1. Programmes can formulate entry requirements for final theses or research papers in terms of study phase and/or courses or units of the skills path.
2. Programmes set obligatory times for the start and rounding off of the thesis or research paper.
3. A student must register timely for a final thesis or research paper via the Progress application.
4. In case a student, due to extraordinary circumstances, is unable to comply with the set date of rounding off then an extension can be granted by the Board of Examiners at the request of the student.
5. In case a student, due to extraordinary circumstances related to the nature of the final thesis or research paper, is unable to comply with the set date for rounding off then, at the request of the student, the programme director may grant an extension to the student.

Article 3. Subject

1. The Bachelor's thesis and the Pre-MSc Research paper, in principle, consist of a specific assignment, and can be combined with a period of preparation.
2. The subject of the Master's thesis or portfolio 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 a difference of opinion, the relevant education coordinator or programme director will decide.

Article 4. Form and structure

1. A thesis, portfolio or research paper can comprise one or more parts.
2. The thesis, portfolio or research paper can take the form of theoretical research, e.g. a literature survey, empirical research, or research into a problem relating to an organization (final project). Degree programmes or profiles or tracks can prescribe one of these forms and/or set additional requirements in respect of these forms, if desired.
3. Programmes or profiles or tracks may set specific requirements relating, for example, to the title page, style, language, typography, summary, or the maximum or minimum number of pages. In the absence of such guidelines, agreements between the student and the supervisor must be made in advance.

Article 5. Learning goals and learning outcomes

1. The learning goals of the thesis, portfolio or research paper must correspond to the learning outcomes of the degree programme concerned.
2. The number of credits, expressed in ECTS credits for a thesis, portfolio or research paper depends on the (degree) programme and is laid down in the relevant Teaching and Examination Regulations. If a degree programme allows for differences in credit load, then this must be approved beforehand by the Board of Examiners by means of the approval of the Bachelor's or Pre-Master's programme as stipulated in Article 10.2.1 of the Teaching and Examination Regulations Bachelor's degree programmes and Pre-master's programmes or the approval of the Master's degree programme as stipulated in Article 7.1.2 of the Teaching and Examination Regulations Master's degree programmes.
3. Writing a thesis or research paper or composing a portfolio is an individual accomplishment. Both in the setting up of the thesis, portfolio or research paper and in relation to relational, methodological and content-related aspects, the student shows the ability to be able to function independently and professionally and the ability to keep to agreements.

Article 6. Supervision

1. The Faculty is responsible for the supervision and assessment of the final thesis, portfolio or research paper. Programmes can set additional requirements in respect of the procedure to be followed for allocating a supervisor.
2. Prior to the scheduled start of a final thesis or research paper study load in EC and minimum and maximum number of pages must be set and a supervisor allocated.
3. Supervision of a thesis or research paper consists, at least, of an intake interview, a discussion of the problem definition and/or research approach, feedback on one or more interim reports and discussion of the final draft.
4. The supervising lecturer always gives feedback within 10 working days on drafts submitted per agreement.

Article 7. Involvement external parties in the research

1. For the research involvement of external parties may be necessary or desirable. This involvement can range from making information available to formulating a research assignment. If an external party attaches conditions to the use of the information or to the results of the research, the student must ensure that in spite of these conditions it is possible to satisfy the graduation requirements in the required manner. Draft contacts with external organizations must be submitted in advance to the Faculty for approval¹.
2. If a student in the context of the final project is on an internship with an external party, the student is obliged to conclude a final project contract via the Career Services Department of the Faculty Economics and Business.
3. Responsibility for the supervision of students rests exclusively with the Faculty. The Faculty supervises the research as a learning process and assesses the research process and the results in accordance with the applicable academic standards.
4. The University of Groningen in its capacity as a university has covered its liability by means of a liability insurance² to cover its liability as a university and to cover the liability of its students during intern activities, with the exception of intern activities in the United States of America and Canada. Damage to persons, goods and financial loss is covered. In respect of the latter also loss as a result of 3rd flow of funds is covered, but not patent infringement. Excess and maxima apply. The excess for injury to persons is €15.000, to goods is €2.500 and financial loss is €2.500. The maximum per claim is €2.500.000, however, for financial loss €250.000. The maximum per year is €5.000.000 and for financial loss €500.000.

1 For each Master's thesis or portfolio involving third parties a contract with the relevant organisation is obligatory.

2 This refers to insurance covering damage caused by the student. Other types of insurance must be taken care of by the student.

Article 8. Administration and archiving

1. The student submits a digital version of the thesis to the university library.
2. The thesis will only be made available via the internal catalogue. The theses in the programme archive are to be kept for at least 7 years under the supervision of the Faculty Board for visitation and accreditation purposes.
3. The (Pre-Master) research paper is only submitted to the supervisor according the procedure that is explained in the course manual.

Article 9. Disputes

1. In the event of a dispute between the student and the supervisor, the relevant programme coordinator or programme director shall mediate.
2. If a solution is not forthcoming, the Faculty Board shall take a decision.

Article 10. Final provisions

1. In case of divergences of interpretation or doubt between the Dutch language version and the English language version of these Regulations, the Dutch language version shall prevail.
2. In cases not covered by these Regulations, the Faculty Board shall decide.

V TER PhD 2023-2024

Teaching and Examination Regulations PhD programme for PhD scholarship students 2023-2024

Section 1 General provisions

Article 1.1 Applicability of the TER

1. The Teaching and Examination Regulations set out the specific rights and obligations that apply to each PhD programme taught at the University of Groningen, for both the PhD scholarship students and the PhD programme. The University-wide section of the Student Charter sets out the rights and obligations that apply to all PhD scholarship students.
2. These Teaching and Examination Regulations apply to the PhD programme in Economics & Business hereinafter referred to as the PhD programme, and to PhD scholarship students enrolled in this programme.
3. The PhD programme is provided by the Faculty of Economics and Business of the University of Groningen, hereinafter referred to as the Faculty.
4. The University of Groningen PhD Regulations also apply to these Teaching and Examination Regulations.

Article 1.2 Definitions

The following definitions apply to these Regulations¹:

- | | | |
|----|--------------------------|---|
| a. | Act, WHW: | Wet op het hoger onderwijs en wetenschappelijk onderzoek (Higher Education and Research Act). |
| b. | PhD scholarship student: | a student registered at the University to follow a PhD programme with a scholarship as part of the UG PhD scholarship programme. |
| c. | University (UG): | the University of Groningen. |
| d. | Graduate School: | the school offering the PhD programme on behalf of the Faculty Economics & Business of the UG. |
| e. | Supervisor: | the professor or associate professor with a PhD and ius promovendi appointed as such by the Dean of Faculty on behalf of the PhD Board by virtue of Article 7.18(4) of the Act in conjunction with Section 3 of these regulations. satisfies the conditions of Articles 2.3 and 2.4 of the PhD Regulations. |
| f. | PhD regulations: | the regulations applied by the University of Groningen in respect of PhD programmes. |
| g. | Special circumstances: | special family circumstances, illness, pregnancy, a physical, sensory or other performance disability of the PhD scholarship student or a circumstance related to the organization of the PhD programme that is beyond the control of the student, which has led to delay in the PhD programme. |
| h. | Admissions Board: | board that assesses whether a student may be admitted to the PhD programme on behalf of the Faculty Board. The Director of the Graduate School is a member of the Admissions Board in all cases. |
| i. | TSP: | Training and Supervision Plan for the PhD scholarship student. |
| j. | 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. |

¹ For the other terms, not further specified in Article 1.2, the definitions as mentioned in the WHW apply.

- k. Examiner: a person appointed by the Board of Examiners to set examinations and determine their results.
- l. Programme Committee (OC): the advisory body set up to fulfil the duties referred to in Article 9.18 of the Act.
- m. Certificate: the written proof that the student has passed the educational component of the PhD programme.
- n. ECTS credit (EC): international unit expressing student work load; according to the European Credit Transfer and Accumulation System, one ECTS credit point (EC) equals 28 hours of study.
- o. Faculty Board (Fb): the Board of the Faculty of Economics and Business of the University of Groningen.
- p. University Board (CvB): the Board of the University of Groningen.
- q. Hora Finita: the online registration system for PhD students at the University of Groningen. All processes relating to the PhD, from enrolment to thesis submission, are managed by this system.

Section 2 Admission and selection procedure

Article 2.1 Admission

Admission to the PhD programme as a PhD scholarship student can be granted to anyone who:

1. successfully defends a proposal for PhD research, written under the supervision or with the approval of the intended primary supervisor, in the presence of the Admissions Board, and
2. satisfies the conditions set out in Articles 2.2 and 2.3 of these regulations.

Article 2.2 Admissions procedure for the PhD programme

1. The Faculty Board will make the final decision on admission to the programme. The Faculty Board of the intended primary supervisor mandates the decision on admissions to the Admissions Board, of which the Director of the Graduate School is a member.
2. The intended primary supervisor assesses the knowledge and skills of the candidate as part of the admissions procedure for the PhD programme.
3. The Director of the Graduate School is responsible for providing prompt notification of available places on the PhD programme, and for the application procedure that PhD candidates must follow.
4. Students register for the admissions procedure by submitting the following documents before the closing date:
 - a) a Curriculum Vitae
 - b) an overview of academic results achieved within the framework of a Higher Education degree
 - c) a letter outlining the prospective PhD scholarship student's motivation for selecting this particular programme, including the student's expectations and interests
 - d) a short proposal for PhD research
 - e) in the case of international students: proof of proficiency in English (e.g. IELTS test score) and upon request the results of a GMAT or GRE test
5. The Admissions Board assesses the qualifications of the candidate on the basis of the documents provided, and possibly an interview, and decides on behalf of the Faculty Board whether the prospective PhD scholarship student will be admitted to the PhD programme. They will inform the prospective PhD scholarship student about the qualification for admission at least one month before the starting date of the programme.
6. Reasons will be provided if an application is refused. The prospective PhD scholarship student will be informed about the possibility of an appeal to the University of Groningen Disputes Committee (Geschillencommissie).

Article 2.3 Time of admission

1. The starting date is 1 September of each year, but exemptions can be made to be decided upon by the Admissions Board.
2. Students must register as a PhD scholarship student at the University of Groningen and pay the tuition fees due before being allowed to start the programme. In certain cases, the Board of the University can decide to reduce or waive the tuition fees.
3. Admission is granted on the condition that on the starting date concerned, the candidate has met the requirements as stated in Article 2.1. Prospective PhD scholarship students who have not yet obtained their Master's or a comparable degree at the time of the selection procedure, but who would normally be expected to do so before the PhD programme begins, may be granted provisional admission. These students must then pass their final assessment before the starting date of the PhD programme.

Section 3 Organization and content of the PhD programme

Article 3.1 The aim of the PhD programme

1. The aim of the PhD programme is to prepare PhD scholarship students as well as possible for the writing and defence of a thesis, with due regard for the relevant provisions of the PhD Regulations. PhD scholarship students will also be prepared to fill both academic positions and positions in society for which experience with academic research is required.
2. The programme provides a framework for learning to conduct academic research and for training general and research-specific skills, so that students can fill academic positions or positions in society for which experience in conducting and publishing academic research is essential. The programme focuses on developing verbal and written skills for reporting research results, with a view to writing and defending a thesis.
3. The thesis is the end product of the programme. The PhD scholarship student must submit the thesis to the UG PhD Board in order to be allowed to proceed to the UG defence ceremony in accordance with the provisions of the PhD Regulations.
4. In addition to the stipulations of Article 3.1.3, the PhD scholarship student must also successfully complete the teaching component of the PhD programme of the Faculty as agreed in the TSP, including the Career Perspectives learning pathway (or part thereof).

Article 3.2 Learning outcomes

A Knowledge

PhD graduates are able to:

- A.1 identify important contemporary issues in their area of specialization to develop a broad overview of the field
- A.2 explain theoretical models in economics and/or business and to link research questions to theories of economics and business
- A.3 identify and apply theories and research results in an original way to policy and scientific issues in the context of both a disciplinary and societal framework

B Independent research

PhD graduates are able to:

- B.1 indicate suitable and feasible research designs and methods of data collection in different types of research
- B.2 evaluate the adequacy, applicability and factual application of research designs and methods of data collection
- B.3 choose and apply appropriate research methodologies, methods and statistical techniques
- B.4 find and retrieve information; to document and archive data according to general scientific standards
- B.5 critically and efficiently evaluate the literature in their field of specialisation and have a realistic time management
- B.6 report research results and evaluate them critically
- B.7 develop a clearly formulated research problem that is firmly supported by the relevant literature in the field and is innovative, while building on the state of the art in a field of economics and business

- B.8 integrate theory and empirical research and to participate in the full process of research, which is reflected in a dissertation that either contains at least three publishable research papers or forms an integrated piece of research

C Skills

PhD graduates are able to:

- C.1 present scientific results for specialist and non-specialist audiences both written and orally
- C.2 communicate the underpinnings as well as the limitations of their conclusions
- C.3 write at an academic level
- C.4 conduct research in a self-directed or autonomous manner

Article 3.3 Language of instruction

The degree programme is taught in English.

Article 3.4 Student workload

1. The student workload for the degree programme is 120, 180 or 240 ECTS for a two, three or four-year PhD programme respectively. In certain cases, the Faculty Board may agree to deviate from this rule.
2. The educational programme followed by the PhD scholarship student and described in the TSP, with a student workload of 30 ECTS, is part of the degree programme mentioned in 3.1.
3. The student workload is expressed in whole ECTS credit points.

Article 3.5 Conduct research

1. Students who conduct research in the context of the degree programme do so in accordance with relevant legislation, the Dutch code of conduct for academic integrity, and the requirements of ethically sound research.
2. Throughout the entire research process, the student will adhere to the applicable policies and procedures, which are based on the Faculty's data management policy.
3. Prior to the period of research, the student, together with their supervisor, can draw up a data management plan. This is then stored, in accordance with the faculty's data policy. At a minimum, this plan will address:
 - a) the student's responsibilities concerning the processing of personal data;
 - b) the data storage measures (including security measures) used in the course of the research;
 - c) the archiving and retention period;
 - d) the responsibility for reusing data after the research has been completed.
4. In general, the student holds the copyright on any theses or other independently written assignments that are intended to test their knowledge, understanding, and skills. If anyone else wishes to use the student's thesis or written work, the student must first give permission for them to do so. The University must be free to perform these procedures unconditionally if it is to archive theses and written assignments (whether or not these are under embargo) and to process them in accordance with the rules of the Dutch Inspectorate of Education and the Act. All students are obliged to give their unconditional consent to the aforementioned procedures.

Section 4 Final assessment of the PhD programme, general provisions

Article 4.1 Board of Examiners and examiners

1. The Board of Examiners is the independent body that determines whether the individual PhD scholarship student has met the corresponding learning outcomes (as stated in Article 3.1) including the 40 EC educational programme, defined in the TSP.
2. Notwithstanding the provisions of Article 4.1.1, the authority to award a PhD degree in line with the PhD Regulations of the University of Groningen lies with the PhD Examining Committee.
3. The Faculty Board appoints the members of the Board of Examiners on the basis of their

- expertise in the field of the programme.
4. The Board of Examiners must comprise at least one member who is a professor attached to the programme and one member from outside the degree programme.
 5. Members of the Faculty Board, the Director of the Graduate School or other people who have financial responsibilities within the institution may not be appointed as members of the Board of Examiners.
 6. The independent and expert functioning of the Board of Examiners must be guaranteed by the Faculty Board.

Article 4.2 Thesis

To be awarded the title of 'Doctor', PhD scholarship students must write and defend a thesis in line with the provisions of Chapter 4 of the PhD Regulations of the University of Groningen.

Article 4.3 Educational programme

Students who successfully complete the educational programme taught by the Graduate School Economics & Business, as arranged in the TSP, including the Career Perspectives learning pathway (or part thereof), will be awarded a certificate signed by the Board of Examiners and the Director of the Graduate School.

Article 4.4 Degree and certificate

PhD scholarship students who successfully defend their thesis will be awarded a PhD degree in line with the provisions of Article 7.18 of the WHW. The PhD certificate will record the degree awarded.

Article 4.5 Honours ('judicium')

A PhD can be awarded with honours ('cum laude') if the student satisfies the requirements laid down in Chapter 9 of the PhD Regulations of the University of Groningen.

Article 4.6 Academic integrity

1. Students must comply with the integrity codes for academic research, as stipulated in the Netherlands Code of Conduct for Academic Practice and the University's own Regulations for the Protection of Academic Integrity.
2. If a student commits fraud, the Board of Examiners can declare the educational component concerned invalid or take other measures.
3. In the event of serious fraud, the Board of Examiners may advise the Board of the University to terminate the PhD scholarship student's registration definitively and withdraw the right to a PhD from the University of Groningen.
4. Decisions taken on the basis of Articles 4.2 and 4.3 shall be sent to the PhD student in writing, stating the reasons. The PhD student in question will be informed about the possibility of lodging an appeal to the University of Groningen Disputes Committee.

Section 5 Study progress supervision

Article 5.1 Study progress administration

The Graduate School, mandated in this by the Faculty Board, registers the individual study results of PhD scholarship students in Hora Finita.

Article 5.2 Study progress supervision

The Graduate School, mandated in this by the Faculty Board, is responsible for the introduction and monitoring study progress of PhD scholarship students registered for the degree programme, also regarding potential study options within and outside the degree programme.

Article 5.3 Termination of participation in the PhD Scholarship Programme

1. In the TSP, agreements are made about the PhD student's training and study progress.
2. If the PhD student does not keep to the agreements made regarding study progress as laid down in the TSP, this can lead to the termination of the PhD programme and therefore the PhD track by the Dean of Faculty. Before proceeding, the Dean of Faculty shall offer the PhD student at least once the opportunity to fulfil the agreements made within a reasonable period of time. This deadline is confirmed in a letter.

Section 6 Dispute settlement procedure

Article 6.1 Disputes

The current complaints and disputes regulations of the University of Groningen will apply to all complaints and disputes concerning admission and other decisions. These regulations are published on the University of Groningen website.

Section 7 Transitional and Final Provisions

Article 7.1 Amendments

1. Any amendments to these Teaching and Examination Regulations will, after due consultation with and, if necessary, upon the approval of the Programme Committee and the Faculty Council be confirmed by the Faculty Board in a separate decree.
2. Any amendments to these Teaching and Examination Regulations will not apply to the current academic year, unless it may be reasonably assumed that the amendment in question will not harm the interests of PhD scholarship students.
3. In addition, an amendment may not disadvantage PhD scholarship students with regard to approval granted within the meaning of Article 2.1 and Article 2.2 and/or any other decision taken within the meaning of these Teaching and Examination Regulations concerning an individual PhD scholarship student.

Article 7.2 Publication

1. The Faculty Board will duly publish these Teaching and Examination Regulations, any rules and guidelines concerning admission to the PhD programme, and any amendments to these documents.
2. These Teaching and Examination Regulations are only available in the English language and therefore not published in the Dutch language.

Article 7.3 Date of commencement

These Teaching and Examination Regulations shall take effect on 1 September 2023.
Approved by the Programme Committee and Faculty Council on the legally determined parts on or before 31 August 2023.
As decreed by the Faculty Board on or before 31 August 2023.

VI 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 and regulations, (in particular the Higher Education and Research Act (WHW), supplemented by regulations that are specific to the University of Groningen. The Student Charter is 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: <https://www.rug.nl/about-ug/organization/rules-and-regulations/education/studentenstatuut/>