

## Teaching and Examination Regulations Master degree programmes ESE Academic year 2020-2021

- **Accounting, Auditing and Control**
- **Economics and Business**
- **Economics and Taxation**
- **Econometrics and Management Science**

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Intended learning outcomes of the programmes

## **Section 1 - General provisions**

### **Article 1 - Applicability of the regulations**

These regulations apply to the in CROHO (Centraal Register Opleidingen Hoger Onderwijs) registered master degree programmes Accounting, Auditing and Control, Economics and Business, Economics and Taxation, and Econometrics and Management Science, hereinafter called: the programmes. The programmes are organised by the Erasmus School of Economics of the Erasmus University Rotterdam, hereinafter to be referred to as: the School.

These regulations are available in a Dutch and an English version. In case of doubt or ambiguity, the Dutch version of these regulations applies.

### **Article 2 - Definitions**

In these regulations the following terms are understood to mean:

- a. the act: the Dutch Higher Education and Research Act;
- b. student: anyone enrolled with the university for attending courses and/or taking the examinations and exams for a programme; for the further application of these regulations this also includes people enrolled as course participants;
- c. course participant: anyone enrolled with the university solely for attending courses and/or taking examinations for a programme.
- d. pre-master programme: the whole of education units that students with an education that in the opinion of the Examination Board is not equal to the preparatory bachelor programme follow with a view to obtaining an Admission Statement for the consecutive programme;
- e. transfer minor: the whole of education units set by the School that HBO students follows during their HBO degree programme with a view to obtaining an Admission Statement for the consecutive programme;
- f. study schedule: an overview published on the website of the School of all education units with the associated credits per programme;
- g. credit (EC): unit in which the full student workload is expressed, whereby one credit equals 28 hours of study (in accordance with the European Credit Transfer System - ECTS);
- h. course guide: contains all information about the education units that are taught at the School in a specific academic year;
- i. academic year: the period of time that coincides with the period established in article 31 of these regulations;
- j. Rules and Regulations: the guidelines and instructions from the Examination Board as meant in article 7.12b of the act;
- k. exam: the total of all education units passed by the student that entitles the student to a master degree;
- l. education unit: an independent part of an exam, for instance a course, seminar or thesis;
- m. course: education unit in which course-specific knowledge is taught;
- n. seminar: small-scale teaching form in which the practical application of theoretical knowledge is practiced by means of group and individual assignments;

- o. thesis: an individual final work in the form of a research report on a topic from the student's programme;
- p. degree: a degree is awarded when the minimum number of credits for the exam of a programme has been obtained as required according to the Teaching and Examination Regulations;
- q. specialisation: the whole of education units with which a degree certificate can be obtained;
- r. degree certificate: documentary evidence that the exam has been passed, in accordance with article 7.11 subsection 2 of the act;
- s. examiner: the person who in accordance with article 7.12c of the act is authorised to hold examinations for the education unit concerned;
- t. examination: a written, oral or other test, including tutorials or a combination thereof, of the knowledge, understanding and skills of the student, as well as the assessment of the results of that test;
- u. written: recorded on paper or digitally;
- v. tutorial: a practical exercise, as meant in article 7.13 of the act, in one of the following forms:
  - attending a seminar,
  - writing a thesis,
  - completing an internship,
  - or participating in another educational learning activity aimed at acquiring specific skills, like a Bachelor-1 or Bachelor-2 tutorial;
- w. resit: a written test scheduled in the examination period following the examination period of the last lecturing term of the academic year;
- x. lecturing term: the period of an education unit during which teaching is given. The lecturing term also includes the teaching-free period and possible holidays but not the examination period;
- y. examination period: the period during which written examinations can be scheduled. The examination period of an education unit usually follows the associated lecturing term. At the end of all lecturing terms and associated examination periods an examination period is scheduled for all resits;
- z. Thesis Workflow: the digital thesis supervision and assessment system of the School;
- aa. result: assessment of an education unit registered in OSIRIS;
- bb. partial result: the assessment of an partial test that is not registered in OSIRIS;
- cc. partial test: the examination taken during the lecturing term of an education unit, the assessment of which is taken into consideration for establishing the result of this education unit;
- dd. bonus scheme: regulates the option to adjust the result upwards on account of extra achievements during a lecturing term.

### **Article 3 - Intended learning outcomes of the programmes**

1. The qualities regarding knowledge, insight and skills as meant in article 7.13 subsection 2c of the law that a student must have acquired upon completion of the programme, will be elaborated in the intended learning outcomes of the programme.
2. The intended learning outcomes of the programmes are included in the Appendix to these Teaching and Examination Regulations.

### **Article 4 - Full-time / part-time**

1. The programmes are full-time programmes.
2. The pre-master programmes are full-time programmes. They have an enrolment period of up to two years.

### **Article 5 - The exams of the programmes**

In each of the programmes only the final exam as meant in article 7.10a of the Act, hereinafter called the exam, can be taken.

### **Article 6 - Student workload**

1. Each of the programmes has a student workload of 60 credits.
2. The student workload for education units is expressed in whole credits.

## Article 7 - Language of teaching and examinations

1. With due regard for the code of conduct adopted by the Executive Board of the Erasmus University Rotterdam, the language for Accounting, Auditing and Control, Economics and Business, and Econometrics and Management Science programmes and examinations is English, while for the Economics and Taxation programme it is Dutch, unless the course guide specifies otherwise.
2. Participation in the educational programmes and examinations for the Accounting, Auditing and Control, Economics and Business, and Econometrics and Management Science programmes requires a sufficient command of the English language. This requirement is met with when students:
  - a. are in possession of a Dutch pre-university education (VWO) certificate obtained in the Netherlands and the subject English has formed part of the exam to obtain that certificate; or
  - b. are in possession of a secondary education certificate, obtained from a recognised institution for secondary education in one of the following countries: Australia, Canada (with the exception of Quebec), New Zealand, South Africa, Ireland, the United Kingdom (with the exception of the Commonwealth countries and territories) or the United States of America; or
  - c. are in possession of a Dutch school-leaving (HBO) certificate for four-year higher professional education obtained in the Netherlands and the subject English has formed part of the exam to obtain that certificate; or
  - d. are in possession of a higher education certificate, obtained from a recognised institution for higher education in one of the following countries: Australia, Canada (with the exception of Quebec), New Zealand, South Africa, Ireland, the United Kingdom (with the exception of the Commonwealth countries and territories) or the United States of America; or
  - e. have passed one of the following tests:
    - internet-based TOEFL with a total score of at least 91 and subscores of at least 22;
    - IELTS with a total score of at least 6.5 and subscores of at least 6,5.A (Skype) interview may be part of the language assessment procedure.
3. Participation in the educational programmes and examinations for the Economics and Taxation programme requires a sufficient command of the Dutch language. This requirement is met with when students:
  - a. are in possession of a pre-university education (Dutch VWO) certificate obtained in the Netherlands and the subject Dutch has formed part of the examination to obtain that certificate; or
  - b. have passed the test 'Dutch as a Second Language, level two' (NT-2, Examination II).

## Article 8 - Evaluation of education

1. The Programme Director is responsible for ensuring the evaluation of education.
2. Education is evaluated as follows:
  - a. course evaluation - at the end of each education period students are asked to complete questionnaires on the courses followed during that period;
  - b. thesis and curriculum evaluation - upon completing their thesis students are asked to complete a questionnaire in the Thesis Workflow on the thesis supervision and the education programme followed.
3. The Programme Director informs the School Council and the Programme Committees of the outcomes of the evaluation, the amendments made as a result of this and the effect of the actual amendments. The School Council and the Programme Committees will handle information regarding performance of individual lecturers confidentially.

## Section 2 - Admission to the programmes

### Article 9 - Admission to the master programmes

The following persons are admitted to the master programmes:

- a. persons who have passed the exam for one of the School's Bachelor degree programmes mentioned below:
  - i. Master Accounting, Auditing and Control:
    - Bachelor Economics and Business Economics
    - Bachelor Economics and Taxation

- ii Master Economics and Business:
    - Bachelor Economics and Business Economics
    - Bachelor Economics and Taxation
    - Bachelor Econometrics and Operations Research
  - iii Master Economics and Taxation:
    - Bachelor Economics and Taxation
  - iv Master Econometrics and Management Science
    - Bachelor Econometrics and Operations Research;
- b. persons in possession of an Admission Statement issued for the academic year concerned by the chairperson of the Examination Board under mandate from the dean.

## Article 10 - Admission Statement

Eligible for an Admission Statement are:

1. persons who:
  - have successfully completed within two consecutive years a pre-master programme established by the School, or
  - are in possession of a certificate of a university bachelor degree programme that in the judgement of the Examination Board is at least equal to the certificate as meant in article 9 under a, or
  - are in the possession of a certificate of a Dutch HBO bachelor degree programme including a transfer minor, or
  - in the judgement of the Examination Board have otherwise shown suitability for following the programme,
2. and also:
  - a. have shown a sufficient command of the English language, or the Dutch language, as provided in article 7, and
  - b. for admission to the Economics and Business master programme has obtained a grade point average of 7.5 or higher. This requirement does only apply to persons who are in the possession of a certificate of a university bachelor degree programme as referred to in the previous subsection, followed in the Netherlands, with the exception of students who have completed another university economics bachelor degree programme.

## Article 11 – Admission to the pre-master programmes

1. The School offers the following pre-master programmes:
  - Pre-master Accounting, Auditing and Control
  - Pre-master Economics and Business
  - Pre-master Fiscale Economie (in Dutch)
  - Pre-Master Econometrics and Management Science.
2. Eligible for admission to one of the pre-master programmes mentioned in the previous subsection, are persons who are:
  - a. in possession of the certificate of a Dutch HBO or university bachelor degree programme that in the judgment of the examination offers no direct admission to of the programmes, but does contain enough prior knowledge to successfully follow a pre-master programme, and also
  - b. meet the admission requirements with regard to mathematics, statistics and English, and possibly a grade point average of 7.5 or higher.
3. The admission decisions for the pre-masters programmes mentioned in subsection 1 are issued by the chairperson of the Examination Board under mandate from the Dean.
4. The study schedules and the admission requirements of the pre-master programmes, as published on the website of the School, form an integral part of these Teaching and Examination Regulations.
5. The relevant articles of the Teaching and Examination Regulations Bachelor degree programmes ESE apply to the education units of the pre-master programmes mentioned in subsection 1.

## Section 3 - Structure of the programmes

### Article 12 - Composition of the exam

1. The programmes offer the following specialisations:
  - Accounting, Auditing and Control
    - Accounting and Auditing
    - Accounting and Control
    - Accounting and Finance
  - Economics and Business
    - Behavioural Economics
    - Data Science and Marketing Analytics
    - Economics of Markets and Organisations
    - Financial Economics
    - Health Economics
    - Strategy Economics
    - International Economics
    - Marketing
    - Policy Economics
    - Urban, Port and Transport Economics
  - Economics and Taxation
    - Direct Taxes (Dutch)
    - Indirect Taxes (Dutch)
  - Econometrics and Management Science
    - Econometrics
    - Operations Research and Quantitative Logistics
    - Quantitative Finance
    - Business Analytics and Quantitative Marketing
2. The exam of the programmes comprises the education units included in the study schedules with the stated student workload per specialisation. These study schedules form an integral part of these Teaching and Examination Regulations.
3. The descriptions of the education units mentioned in the second subsection, included in the course guide, are part of these Teaching and Examination Regulations with regard to learning objectives, forms of examination, admission requirements and study load.

### Article 13 - Stipulations for tutorials in the programmes

1. The course guide lists the tutorials that are offered, their form and in which education block they are taught.
2. In the lecturing term of an education unit that is concluded with a separate examination (excluding seminars and Tax Policy), assignments can be handed in or partial tests can be taken until at the latest one week before the examination takes place.
3. For the seminars and Tax Policy a 100% obligation to attend applies.
4. Theses have to be written individually on a subject from the specialisation followed, under the supervision of an examiner in the programme of which that specialisation forms a part.
5. Students who have started their thesis in an academic year have to complete their thesis no later than 1 May of the following academic year. To this end, the student makes a plan for the progress of the thesis, which has to be approved by the supervisor. If it appears that the student has not completed his thesis by 1 May of the following academic year, the Programme Director will stop the supervision of this thesis and award the result 'fail'.

## Section 4 - Taking examinations

### Article 14 - Sequence of examinations

Students who have been admitted to one of the master programmes but who have not yet completed their Dutch HBO or university bachelor thesis, can only be admitted to the master thesis after the relevant bachelor thesis has been successfully completed.

### Article 15 - Periods and frequency of examinations; examination schedule

1. Twice per academic year examinations can be taken for the education units meant in article 12.
2. In derogation of the previous subsection tutorials and partial tests are offered only once a year. A partial test for which a minimum grade to be obtained is required (see article 17 subsection 2 of these regulations) is offered twice a year.
1. Students can take written examinations for the programme for which they have been registered according to an examination schedule to be determined annually by the chairperson of the Examination Board under mandate from the dean. Amendments to this examination schedule are determined by the chairperson of the Examination Board in separate decisions.

### Article 16 - Provisions concerning registration for taking part in written examinations

1. Only the student who is registered in OSIRIS for a written examination which he is entitled to, can take part in that examination.
2. Students who are registered for a course or seminar in SIN-Online at the end of week 2 of an education block are automatically registered for the written examination of that course or (if applicable) seminar.  
Students are required to check in week 5 of the course block whether they are registered in OSIRIS for the examination concerned. If a student is not registered for the written examination at that time, he must still register himself in OSIRIS within the registration period to take part in that examination.
3. Students who want to take part in a written resit of a course or (if applicable) seminar, must register themselves within the registration period in OSIRIS for taking part in that resit.
4. For students, the registration period for a written examination or resit runs from 26 working days to 5 working days before the examination or resit.  
After the end of the regular registration period it is still possible to register for the examination concerned up to and including the day on which that examination was taken, only against payment of €20 in administrative charges.

### Article 17 - Form of the examinations

1. Examinations for the programmes are in writing and/or oral and/or by tutorial exercise, unless the Programme Director decides otherwise.
2. A minimum grade to be obtained can be required for a partial test of a course. This grade should not be higher than 4.5.
3. A minimum grade to be obtained can be required for an examination of a course with partial tests. This grade should not be higher than 5.5.
4. Oral examinations can never determine more than 50% of the result of an education unit.
5. Group assignments can never determine more than 50% of the result of a course.
6. Seminar results can never be determined for 100% by a written examination.
7. Examinations have no multiple-choice questions.
8. If the Programme Director decides that the method of examination as meant in the previous subsections will be different, he informs students about this at the latest two months before the examination date.
9. Bonus schemes have to be submitted to the Programme Director for prior approval.
10. Students with a disability or chronic illness are offered the opportunity to adapt their studies, as far as reasonably possible, to the restrictions determined by the disability or chronic illness. These adaptations will be aligned as far as possible to the individual functional impairment of the student, but

may not change the learning objectives of an education unit or the intended learning outcomes of a programme (see article 3 of these regulations).

Students may request an adjustment of an education unit or the exam of a programme, accompanied by a declaration of a competent authority, to the Examination Board.

## Article 18 - Oral examinations

1. At an oral examination, each student is examined separately.
2. The oral examination is taken by an examiner in the presence of a second examiner.
3. Except for the defence of the master thesis, oral examinations are not public, unless the Examination Board has decided otherwise in a special case.

## Section 5 - Examination results

### Article 19 - Establishment, publication and registration of examination results; marking term

1. Immediately after an oral examination the examiner determines the result in writing and presents the student with a signed copy.
2. The examiner establishes the result of a written examination as soon as possible and ensures that the result of that education unit is correctly submitted to the Student Administration Services - team Study Progress & Diploma Administration at the latest 19 days after the day that the examination was taken (except for the period between Christmas Day and New Year's Day), on the understanding that in any case the result of the examination is known at the latest one week before the beginning of the resit period of the relevant specialisation. In the event of force majeure the chairperson of the Examination Board under mandate from the dean can deviate from these terms.
3. Each time that the term as meant in subsection 2 is exceeded, the Programme Director will charge a fine of €2,500 to the organisational unit responsible for the teaching and examination of the education unit concerned.
4. Team Study Progress & Diploma Administration checks whether the marking term for the written examinations has been observed and informs the Examination Board in time when this term is exceeded.
5. The examiner establishes the result of a seminar as soon as possible and ensures that the result of that seminar is correctly submitted to team Study Progress & Diploma Administration at the latest 19 days after the lecturing term has ended (except for the period between Christmas Day and New Year's Day).
6. The examiner and then a second assessor independently determine the preliminary result 'pass' for a thesis in the Thesis Workflow, at the latest 19 days after the student has submitted the final version (except for the period between Christmas Day and New Year's Day) and has completed the thesis-and-curriculum evaluation. Immediately following the graduation session the thesis supervisor and the second assessor in good consultation jointly determine the final grade for the thesis in the Thesis Workflow.
7. The examiner determines partial results as soon as possible and ensures that these are published at the latest before the beginning of the written examination.
8. The examiner immediately and correctly informs team Study Progress & Diploma Administration about the result of an education unit.
9. Team Study Progress & Diploma Administration ensures that the results of examinations, education units and examinations are correctly registered in OSIRIS within two working days after the receipt. Results from students without Admission Statement and not enrolled for programmes are invalid. Team Study Progress & Diploma Administration also registers the certificates that have been awarded to students. No information about registered data is disclosed to any persons other than the student, the Examination Board, the Executive Board of the Erasmus University Rotterdam, de Study Advisors, the Student Counsellors and the Examinations Appeals Board, with the exception of data about awarded certificates. The provisions in the preceding sentence can be deviated from with permission from the student.
10. The involvement of team Study Progress & Diploma Administration as meant in the previous subsections is without prejudice to what the Executive Board of the Erasmus University Rotterdam has determined on the matter.



11. In very exceptional cases the Examination Board can declare an examination invalid. In that case, the Examination Board in consultation with the responsible examiner(s) determines the date on which the new examination will be taken.

### **Article 20 - Term of validity**

1. Results of education units of a programme - including approved education units taken elsewhere and granted exemptions - are valid as long as the exam of the relevant programme has not been completed successfully.
2. Partial results are only valid during the academic year in which they have been obtained.

### **Article 21 - Right of inspection; inspection of old examination questions**

1. Within four weeks after the result of a written examination has been published in OSIRIS, but at the latest one week before the resit, students are, on request, allowed to inspect their assessed work. The examiner can, with due regard for the provisions in the third subsection, make further arrangements for the tutorial implementation of this.
2. During the term mentioned in the first subsection all students are allowed, on request, to inspect the questions and assignments of a written examination, and if possible the standards on the basis of which the assessment has taken place.
3. The examiner may decide that inspection together with the subsequent discussion as referred to in article 18 of the Rules and Regulations of the Examination Board takes place at a fixed location and time and announces this at the latest two working days before the inspection and subsequent discussion. Students who have been unable to attend this inspection and subsequent discussion due to force majeure are offered another opportunity by the examiner.
4. If they so desire, students meant in the first subsection are given an opportunity to make copies (or to have copies made) of their assessed work against payment during the term mentioned in the first subsection or at a location and time to be determined by the examiner.
5. The examiner ensures that at the latest in week 5 of the lecturing term a model examination including indications of the answers that the examiner considers representative of the material to be studied, the length and the form of the examination, is made available to students.

## **Section 6 - Exemptions**

### **Article 22 - Exemptions from education units**

1. At the request of students, the Examination Board can grant exemptions from an education unit meant in article 12 on the basis of:
  - either a successfully completed education unit from another university programme in the Netherlands, provided that in the judgement of the Examination Board this unit is equal or comparable as regards content, student workload and level;
  - or a successfully completed education unit from a higher professional education programme in the Netherlands, with the exception of education units from the propaedeutic year, provided that in the judgement of the Examination Board this unit is equal or comparable as regards content, student workload and level;
  - or a successfully completed education unit from a higher education programme from outside the Netherlands, provided that in the judgement of the Examination Board this unit is equal or comparable as regards content, student workload and level;
2. The Examination Board asks the examiner(s) concerned for their advice before taking a decision.
3. In principle, no exemptions are granted for seminars and theses.
4. Education units for which an exemption has been granted can be brought into programmes or specialisations up to a maximum of 24 credits.

## Section 7 - Exam results

### Article 23 - Periods and frequency of exams

The master exam is offered at least once a month. The specific dates are published on the website of the Erasmus Students Service Centre.

### Article 24 - The determination of the result of the exam

1. The Examination Board determines whether a student can be awarded a degree.
2. After all education units for the exam as meant in article 12 have been passed for each specialisation, the exam result is determined by team Study Progress & Diploma Administration on behalf of the Examination Board, with observance of the Teaching and Examination Regulations of the programme and the Rules and Regulations of the Examination Board.
3. The result of the exam will not be determined for students who are admitted to one of the programmes pursuant to article 9 sub b, as long as they have not passed the to this programme access giving bachelor exam or successfully completed the pre-master programme established by the Examination Board.

### Article 25 - Degree

1. Students who have passed the exam are awarded the degree of 'Master of Science in [programme name]' by the Executive Board of the erasmus University Rotterdam.
2. The degree awarded is stated on the certificate.

## Section 8 - Student counseling

### Article 26 - Student counseling

1. The Programme Director provides individual counseling for students enrolled in the programmes.
2. The Programme Director ensures that at the latest at the start of the education unit the lecturer responsible has published an overview of the lecturing and examination material in the course guide. The lecturer responsible has to indicate how the material for the education unit has been distributed across the lectures and tests (assignments, partial tests, examinations).
3. If books and/or workbooks are not yet available at the start of the education unit, the lecturer responsible makes a studiable alternative available in the first lecture.

## Section 9 - Free master exam

### Article 27 - Master exam with a student-selected specialisation

1. Subject to approval from the Examination Board students can compose their own specialisation from education units offered by the Erasmus University Rotterdam or other universities to which the master exam for one of the programmes is attached.
2. The provisions of these Teaching and Examination Regulations similarly apply to a specialisation approved by the Examination Board as meant in the previous subsection.

## Section 10 - Hardship clause

### Article 28 - Hardship clause

In highly exceptional individual circumstances where application of one or more provisions from these Teaching and Examination Regulations would result in evidently unreasonable and/or unfair situations, the competent body can on the basis of a written and reasoned request from the person concerned deviate from said provision(s) in favour of the person concerned.

## Section 11 - Appeal and objection

### Article 29 - Appeal and objection

1. Decisions from the Examination Board resp. the examiners of the School can be appealed against at the Examinations Appeals Board of the Erasmus University under article 7.60 of the act.
2. Decisions from the other governing bodies of the School or of Erasmus University can be objected against at the Advisory Committee on Objections of the Erasmus University.

## Section 12 - Concluding and implementation provisions

### Article 30 - Amendments

2. Amendments to these regulations are determined by the Programme Director in separate decisions.
3. No amendments are made that apply to the current academic year, unless the general interest of students would in all likelihood not be prejudiced as a result.
4. Furthermore, amendments cannot adversely influence decisions with respect to students taken by the Examination Board under these regulations.

### Article 31 - Publication

The Dean ensures proper publication of these regulations, of the Rules and Regulations laid down by the Examination Board and of amendments to these regulations.

### Article 32 - Entry into force

These regulations become effective on 31 August 2020 and remain valid up to and including 29 August 2021.

Thus laid down by order of the Dean of the Erasmus School of Economics on 9 July 2020, with the consent of the School Council and the Programme Committees, after hearing the advice from the Examination Board, the Programme Committees and the School Council.

## Appendix

### Intended learning outcomes of the programmes

#### Accounting, Auditing and Control

##### Knowledge and Understanding

###### 1 Subject-specific knowledge

*Students possess in-depth and systematic knowledge of Accounting, Auditing and Control.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 1.1 Reproduce and interpret in-depth knowledge of a specialist subject within business economics, particularly accounting.
- 1.2 Reproduce and interpret in-depth knowledge of advanced theories within business economics and understanding of associated instruments.
- 1.3 Use their knowledge to develop or apply new ideas within their field of specialisation.

###### 2 Ability to analyse and explain

*Students analyse and explain complex phenomena and issues in the economics of government and business by using their knowledge of the theories and methods of economics and business economics and, in doing so, are critical and creative.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 2.1 Apply new concepts, theories, research methods and techniques to complex and current issues of a (business) economics nature.
- 2.2 Analyse, explain, evaluate and advise about business and economic policies pursued by companies, governments and institutions based on in-depth knowledge and creative insight.
- 2.3 Analyse current issues from several perspectives and then redefine and explain them based on the tension between those different perspectives and interests.

## **Applying Knowledge and Understanding**

### **3 Formulating a goal and defining a problem statement**

*Students formulate problem statements and research questions based on scientific concepts and theories.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 3.1 Outline and define a problem statement within their field of specialisation and motivate the choices based on up-to-date scientific and social insights.
- 3.2 Specify, formulate and operationalise research questions in a systematic, valid and reliable manner.

### **4 Choosing a research set-up and method**

*Students select a research set-up appropriate to the research question. They select or create one or more suitable methods for data collection and analysis.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 4.1 Select, use and critically evaluate relevant and modern research methods.
- 4.2 Find and efficiently and effectively use databases for data collection.

## **Making judgements**

### **5 Formulating conclusions and recommendations**

*Students formulate clear conclusions and recommendations based on research and, in doing so, behave as creative professionals.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 5.1 Clearly formulate conclusions and recommendations, sufficiently taking into account premises, basic assumptions and the limitations and possibilities of the chosen methodology.
- 5.2 Estimate the effects of policy recommendations based on reason.
- 5.3 Convert conclusions into realistic recommendations based on creativity, originality and good insight into social and scientific standards and values.

### **6 Interpretation frameworks**

*Students use different interpretation frameworks in making statements about reality.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 6.1 Redesign the research methods if a field of tension arises between various interpretation frameworks.

### **7 Reflection**

*Students evaluate their ideas for internal consistency, empirical validity and strength, and make adaptations if necessary.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

- 7.1 Continuously examine their own views and choices based on (new) scientific, social and ethical insights.

## **Communication**

## **8 Communicating**

*Students communicate effectively and at a high level, both in writing and verbally, with people and groups of a diverse nature.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

8.1 Present complex research, research results and policy recommendations both in writing and in verbal form in an objective way and tailored to the knowledge, preferences and interests of the audience.

## **Learning skills**

### **9 Self-direction**

*Students demonstrate self-direction and originality in dealing with and resolving problems in the field of study.*

At the end of the Master programme, Accounting, Auditing and Control students are able to:

9.1 Independently stay up-to-date on developments in the field and possess the ability to learn and attitude required for continued education at a very high level.

9.2 Take decisions in complex and unpredictable situations of a business economics nature.

## **Economics and Business**

### **Knowledge and understanding**

#### **1 Subject-specific knowledge**

*Students possess in-depth and systematic knowledge of an area within economics and business.*

At the end of the Master programme, students are able to:

1.1 Reproduce and interpret in-depth knowledge of a specialist subject within economics and business economics.

1.2 Reproduce and interpret in-depth knowledge of advanced theories within economics and business and understanding of associated instruments.

1.3 Use their knowledge to develop or apply new ideas within their field of specialisation.

#### **2 Ability to analyse and explain**

*Students analyse and explain complex phenomena and issues in the economics of government and business by using their knowledge of the theories and methods of economics and business economics and, in doing so, are critical and creative.*

At the end of the Master programme, students are able to:

2.1 Apply new concepts, theories, research methods and techniques of economics and business to complex and current issues of a (business) economics nature.

2.2 Analyse, explain, evaluate and advise about business and economic policy pursued by companies, governments and institutions based on in-depth knowledge and creative insight.

2.3 Analyse current issues from several perspectives and then redefine and explain them based on the tension between those different perspectives and interests.

### **Applying knowledge and understanding**

#### **3 Formulating a goal and defining a problem statement**

*Students formulate problem statements and research questions based on scientific concepts and theories.*

At the end of the Master programme, students are able to:

3.1 Outline and define a problem statement within their field of specialisation and motivate the choices based on up-to-date scientific and social insights.

3.2 Specify, formulate and operationalise research questions in a systematic, valid and reliable manner.

#### **4 Choosing a research set-up and method**

*Students select a research set-up appropriate to the research question. They select or create one or more suitable methods for data collection and analysis.*

At the end of the Master programme, students are able to:

- 4.1 Select, use and critically evaluate relevant and modern research methods.
- 4.2 Find and efficiently and effectively use databases for data collection.

## **Making judgements**

### **5 Formulating conclusions and recommendations**

*Students formulate clear conclusions and recommendations based on research and, in doing so, behave as creative professionals.*

At the end of the Master programme, students are able to:

- 5.1 Clearly formulate conclusions and recommendations, sufficiently taking into account premises, basic assumptions and the limitations and possibilities of the chosen methodology.
- 5.2 Estimate the effects of policy recommendations based on reason.
- 5.3 Convert conclusions into realistic recommendations based on creativity, originality and good insight into social and scientific standards and values.

### **6 Interpretation frameworks**

*Students use different interpretation frameworks in making statements about reality.*

At the end of the Master programme, students are able to:

- 6.1 Redesign the research methods if a field of tension arises between various interpretation frameworks.

### **7 Reflection**

*Students evaluate their ideas for internal consistency, empirical validity and strength and make adaptations if necessary.*

At the end of the Master programme, students are able to:

- 7.1 Continuously examine their own views and choices based on (new) scientific, social and ethical insights.

## **Communication**

### **8 Communicating**

*Students communicate effectively and at a high level, both in writing and verbally, with people and groups of a diverse nature.*

At the end of the Master programme, students are able to:

- 8.1 Present complex research, research results and policy recommendations both in writing and in verbal form in an objective way and tailored to the knowledge, preferences and interests of the audience.

## **Learning skills**

### **9 Self-direction**

*Students demonstrate self-direction and originality in dealing with and resolving problems in the field of study.*

At the end of the Master programme, students are able to:

- 9.1 Independently stay up-to-date on developments in the field and possess the ability to learn and the attitude required for continued education at a very high level.
- 9.2 Take decisions in complex and unpredictable situations of a (business) economics nature.

## **Fiscale Economie**

### **Kennis en inzicht**

### **1 Vakspecifieke kennis**

*Studenten beschikken over diepgaande kennis van de voornaamste economische theorieën in het algemeen en de overheidsfinanciën in het bijzonder, en van het belastingrecht en belastingstelsels.*

Studenten zijn aan het einde van de masterfase in staat tot het:

1.1 Weergeven en interpreteren van diepgaande kennis van een specialistisch onderwerp binnen het belastingrecht in relatie tot de bedrijfseconomie en de economie, in het bijzonder de overheidsfinanciën.

1.2 Weergeven en interpreteren van fiscaal-economische implicaties van (wijzigende) wetgeving en jurisprudentie op het handelen van overheid, bedrijfsleven en particulieren, in zowel nationale als internationale context.

1.3 Ontwikkelen en/of toepassen, op basis van hun verworven diepgaande kennis, van nieuwe stelsels en concepten (op een deelterrein) binnen de fiscale economie.

### **2 Vermogen tot analyseren en verklaren**

*Studenten onderkennen de relatie tussen wetenschap en samenleving en zijn in staat de relatie tussen economie, belastingrecht en samenleving te analyseren. Zij hebben voldoende vaardigheid in toepassing en interpretatie van fiscale wetgeving en jurisprudentie mede in hun maatschappelijke en in het bijzonder (sociaal-) economische samenhang.*

Studenten zijn aan het einde van de masterfase in staat tot het:

2.1 Toepassen van het geldende belastingrecht onder complexe en onzekere omstandigheden.

Analyseren van gewijzigde wetgeving en jurisprudentie en het zo nodig conceptualiseren en concretiseren van wenselijk belastingrecht vanuit (bedrijfs-)economische concepten en theorieën.

2.2 Analyseren, verklaren en beoordelen van het gevoerde fiscaal-economische beleid van bedrijven, overheden en organisaties op basis van diepgaande kennis en creatief vermogen.

2.3 Analyseren van actuele fiscale en economische vraagstukken vanuit verschillende invalshoeken en deze vervolgens herdefiniëren en verklaren vanuit de spanning tussen die verschillende invalshoeken en belangen.

### **Toepassen kennis en inzicht**

#### **3 Formulering van doelstelling en probleemstelling**

*Studenten formuleren een (fiscaal-)economische probleemstelling uitgaande van wetenschappelijke concepten en theorieën.*

Studenten zijn aan het einde van de masterfase in staat tot het:

3.1 Afbakenen en definiëren van een probleemstelling op het terrein van de fiscale economie, en legitimering daarvan vanuit wetenschappelijke of maatschappelijke actualiteit.

3.2 Concretiseren, formuleren en operationaliseren van onderzoeksvragen op systematische en valide wijze.

#### **4 Keuze van onderzoeksopzet en onderzoeksmethode**

*Studenten kiezen een onderzoeksopzet die aansluit bij hun vraagstelling. Zij kiezen of creëren een of meer geschikte methoden om data te verzamelen en te analyseren.*

Studenten zijn aan het einde van de masterfase in staat tot het:

4.1 Selecteren, gebruiken en kritische evalueren van relevante en moderne kwalitatieve en/of kwantitatieve onderzoeksmethoden.

4.2 Opsporen en efficiënt en effectief gebruiken van databanken ten behoeve van gegevensverzameling.

### **Oordeelsvorming**

#### **5 Formulering van conclusies en aanbevelingen**

*Studenten formuleren heldere conclusies en aanbevelingen vanuit onderzoek en tonen zich daarbij creatieve en originele professionals.*

Studenten zijn aan het einde van de masterfase in staat tot het:

- 5.1 Helder formuleren van conclusies en aanbevelingen, waarbij afdoende rekening wordt gehouden met vooronderstellingen, uitgangspunten en beperkingen en mogelijkheden van de gekozen methodologie.  
5.2 Beredeneerd inschatten van de effecten van beleidsaanbevelingen.  
5.3 Omvormen van conclusies tot realistische aanbevelingen vanuit creativiteit, originaliteit en een goed inzicht in maatschappelijke en wetenschappelijke waarden en normen.

## **6 Interpretatiekaders**

*Studenten gebruiken verschillende interpretatiekaders bij het doen van uitspraken over de werkelijkheid.*

Studenten zijn aan het einde van de masterfase in staat tot het:

- 6.1 Herontwerpen van de onderzoeksmethoden als een spanningsveld tussen verschillende interpretatiekaders is ontstaan.

## **7 Reflectie**

*Studenten beoordelen hun denkbeelden op hun interne consistentie, empirische validiteit en kracht en stellen deze desgewenst bij.*

Studenten zijn aan het einde van de masterfase in staat tot het:

- 7.1 Blijvend onderzoeken van eigen zienswijzen in het licht van (nieuwe) wetenschappelijke, maatschappelijke en ethische inzichten.

## **Communicatie**

### **8 Communiceren**

*Studenten communiceren effectief en op hoog niveau schriftelijk en mondeling met personen en groepen van uiteenlopende aard over fiscaal economische vraagstukken.*

Studenten zijn aan het einde van de masterfase in staat tot het:

- 8.1 Presenteren van complex onderzoek, onderzoeksresultaten en beleidsadviezen in zowel schriftelijke als mondelinge vorm, toegesneden op de kennis, interesses en belangen van het publiek.

## **Leervaardigheden**

### **9 Zelfsturing**

*Studenten tonen zelfsturing en originaliteit in het omgaan met actuele ontwikkelingen in hun vakgebied.*

Studenten zijn aan het einde van de masterfase in staat tot het:

- 9.1 Zelfstandig bijhouden van de ontwikkeling in het vakgebied, met de leervaardigheid en de instelling nodig voor een vervolgopleiding op zeer hoog niveau.  
9.2 Nemen van beslissingen in complexe en onvoorspelbare situaties van fiscaal-economische aard.

## **Econometrics and Management Science**

### **Knowledge and understanding**

#### **1 Subject-specific knowledge**

*Students possess in-depth and systematic knowledge of an area within econometrics or management science.*

At the end of the Master programme, students are able to:

- 1.1 Master in-depth knowledge of theories and applications in a specialisation in econometrics or management science.  
1.2 Master advanced methods in econometrics or management science and skilfully implement and use the associated techniques.

#### **2 Ability to analyse and explain**



*Students analyse and systematically explain complex phenomena and research questions in the economics of government and business by using their knowledge of economic theories and methodology of econometrics and management science and, in doing so, are critical and creative.*

At the end of the Master programme, students are able to:

- 2.1 Apply new concepts, theories, research techniques and research methods within econometrics and management science to complex and current issues of a (business) economics nature.
- 2.2 Analyse, explain, evaluate and advise about business and economic policy pursued by companies, government and institutions based on in-depth knowledge and creative insight.
- 2.3 Analyse current issues from several perspectives and explicitly formulate the research methodology relating to these perspectives.

## **Applying knowledge and understanding**

### **3 Formulating a goal and defining a problem statement**

*Students formulate research questions based on scientific concepts and theories.*

At the end of the Master programme, students are able to:

- 3.1 Outline and define relevant research questions within the field of specialisation and motivate the choices based on up-to-date scientific and social insights.
- 3.2 Specify, formulate and operationalise research questions in a systematic, valid and reliable manner.

### **4 Choosing a research set-up**

*Students select a research set-up appropriate to the research question.*

At the end of the Master programme, students are able to:

- 4.1 Select, develop and use relevant and up-to-date research methods.
- 4.2 Find and efficiently and effectively use databases for data collection.

### **5 Choosing a research method**

*Students select or create one or more suitable methods for data collection and processing.*

At the end of the Master programme, students are able to:

- 5.1 Critically evaluate and apply up-to-date quantitative analysis methods.
- 5.2 Develop and motivate new methods and models.

## **Making judgements**

### **6 Formulating conclusions and recommendations**

*Students formulate clear conclusions and recommendations based on research and, in doing so, behave as creative professionals.*

At the end of the Master programme, students are able to:

- 6.1 Clearly formulate conclusions and recommendations, sufficiently taking into account premises, basic assumptions and the limitations and possibilities of the chosen methodology.
- 6.2 Estimate the effects of policy recommendations, supported by quantitative analysis and intrinsic understanding of the research questions.
- 6.3 Convert conclusions into realistic recommendations based on creativity and good insight into social and scientific standards and values.

### **7 Interpretation frameworks**

*Students use different interpretation frameworks in making statements about reality.*

At the end of the Master programme, students are able to:

- 7.1 Redesign the research if needed for correct and objective interpretation frameworks.
- 7.2 Compare research methods in relation to economic theory and practice.

### **8 Reflection**

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*Students evaluate their ideas for internal consistency, empirical validity and strength and make adaptations if necessary.*

At the end of the Master programme, students are able to:

8.1 Continuously examine their own views and choices in research based on (new) scientific, social and ethical insights.

## **Communication**

### **9 Communicating**

*Students communicate effectively and at a high level, both in writing and verbally, with people and groups of a diverse nature.*

At the end of the Master programme, students are able to:

9.1 Present complex research, research results and policy recommendations both in writing and in verbal form in an objective way and tailored to the knowledge, preferences and interests of the audience.

## **Learning skills**

### **10 Self-direction**

*Students demonstrate self-direction and originality in dealing with and resolving problems in the field of study.*

At the end of the Master programme, students are able to:

10.1 Independently stay up-to-date on developments in the field.

10.2 Take responsible decisions in complex and unpredictable situations of a (business) economics nature.