Education and Examination Regulations master's programme Metropolitan Analysis Design and Engineering (joint degree) 2017-2018

The Education and Examination Regulations (EER) are a legally required set of regulations (Article 7.13 WHW) that provide students with information holding procedures and the student's rights and obligations concerning the education and the examinations of their programme at the Institute of Advanced Metropolitan Solutions ("AMS") at Amsterdam, as provided by both Wageningen University (WU) and Delft University of Technology (TUD). The Study Handbook (WU) or Study Guide (TUD) will provide information about the programme, describing the learning outcomes, the programme structure and planning and provides detailed information on all courses and the corresponding interim exams. The Study Handbook of WU and the Study Guide of TUD may not conflict with the EER. The EER is included in the Student Charter, which contains a number of other regulations applicable to students.

In addition to the EER, the Examining Board has adopted <u>Rules and Regulations</u> in which the procedures regarding interim examinations and the tasks and authorities of the Examining Boards and examiners are specified. The most important topics relate to registration and withdrawal for interim examinations, assessment and standards for interim examinations, various approval procedures, exemption procedures, rules for graduating 'cum laude', maintaining order during interim examinations and measures in case of fraud.

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Chapter 1. Introductory provisions

Article 1. Scope of the regulations

- a. These regulations apply to the education and examinations of the joint degree MSc Metropolitan Analysis Design and Engineering (MADE) of Wageningen University and Delft University of Technology as included in the Central Registers of Higher Education (CROHOnr.65021). The programme is provided within the Collaboration Agreement closed between the named two universities.
- b. These regulations apply to all students enrolled in the programme mentioned in sub a for the academic year 2017-2018.
- c. These regulations are available in English only.

Article 2. Definitions

The following definitions apply:

- a. Admission Board MADE: the board established by the Executive Board of Wageningen University and the Dean of the faculty of Architecture of Delft University of Technology to advise on the admission of students to the programme in accordance with the admission regulations provided by law and by these Regulations.
- b. Course: a study unit of a programme as referred to in Article 7.3 section 2 of the WHW.
- c. Course guide: a document provided by the examiner of a course giving information on content, learning outcomes, the way a student can reach the learning outcomes and the way the learning outcomes will be assessed.
- d. *Credits*: the unit used to indicate the study load of a programme and study unit as provided by the European Credit Transfer and Accumulation System (ECTS). A credit represents 28 hours of tuition, interim examinations and study hours and is equal to a study point as referred to in Article 7.4 sub 1 of the WHW (Higher Education and Scientific Research Act).
- e. *Examining Board*: the board established by the Executive Board of Wageningen University and the Dean of the faculty of Architecture of Delft University of Technology, as referred to in Article 7.12 of the WHW, which is responsible for issues regarding interim examinations and final exams of the programme.
- f. Education period: the period in which tuition is given, which includes self-study and exams.
- g. Final exam, exam (Dutch: examen): the final master's exam for the master's programme, as referred to in Article 7.3 section 3 of the WHW.
- h. *Interim examination (Dutch: tentamen)*: an assessment of knowledge, understanding and skills relating to a course.
- i. *Interim examination period*: part of the education period in which the opportunity is given to take interim examinations in the courses given during that period. If an education period does not have a general examination period, the interim examinations will be scheduled individually.

- j. *In writing/written*: the term "in writing" or "written" mentioned in these Regulations (for example with exams or written papers) also includes a digital interim examination taken via a university computer in a university room.
- k. *Online education*: the online offered specialisation of a master's programme. For online education some different rules apply, inserted in Chapter 11.
- I. Practical assignments: as referred to in Article 7.13 sub 2t WHW, in one of the following forms:
- Participation in practical's (lab work, etc.),
- Participation in fieldwork or excursions or,
- Participation in another teaching activity which is directed at achieving certain skills.
- m. Re-sit, resit-examination (Dutch: hertentamen): an assessment of knowledge, understanding and skills relating to a course.
- n. *Re-sit period*: the period in the academic year, outside the education period, in which students have the opportunity to re-sit exams.
- o. <u>Rules and Regulations</u>: the Rules and Regulations adopted by the Examining Board, as referred
 to in Article 7.12b section 3 of the WHW, in which the procedures concerning interim
 examinations, final exams and the tasks and competences of the Examining Board and
 examiners are specified. The Rules and Regulations can be found in the <u>Student Charter</u>.
- p. Student: the person entitled to education and/or examination facilities by virtue of the law.
- q. Student with a disability or chronic illness: a student with an illness which is currently considered to be chronic or permanent and which is a structural impediment to his or her participation in education or interim exams.
- r. Study Guide: contains the elaboration of the programmes and is available on internet
- s. Study Handbook: contains the elaboration of the programmes and is available on internet
- t. WHW, the law: the Higher Education and Research Act.

Chapter 2. Admissions

Article 3. Admission

Prospective students can enrol in the master's programme after the Executive Board of Wageningen University and the Dean of the faculty of Architecture TUD have jointly decided on the basis of the advice of the Admission Board MADE, that they fulfil the admission requirements.

Article 4. Admission requirements

General admission requirements apply to all prospective master's students. Details of the specific admission requirements for the master Metropolitan Analysis, Design and Engineering will be stated in the Appendix.

Article 5. Deficiencies/Linkage programme

- a. Prospective students who do not comply with the admission requirements for the master's programme can enrol in a linkage programme if, according to the Master's Admissions Board, those deficiencies can be remedied by following such a linkage programme. The linkage programme is tailored to the master programme and the deficiencies of the prospective student.
- b. The linkage programme consists of a maximum of 30 credits and must be completed within one academic year.
- c. Prospective master's students enrol in the linkage programme as bachelor's students.
- d. After completing the linkage programme, students are admissible to the master's programme.

Chapter 3. Content, structure and study load of the programme

Section 1. General

Article 6. Types of programme

The master Metropolitan Analysis, Design and Engineering is offered as a full-time programme.

Article 7. Aims and learning outcomes of the programme

The Study Handbook (WU) / Study Guide (TUD) formulates the aims and the intended learning outcomes of the programme. The learning outcomes describe the knowledge, understanding and skills which the student should possess after successfully completing the programme.

Article 8. Curriculum of programmes

The curriculum of the programme can be found in the Study Handbook (WU) / Study Guide (TUD) of Wageningen University and Delft University of Technology.

Section 2. General structure and study load of the programme

Article 9. General structure and study load

- a. The MADE programme represents a total study load of 120 credits.
- b. The MADE programme consists of an academic core, with 72 credits compulsory courses, 18 credits elective courses (offered in various differentiation packages, out of which the student may choose) and a thesis of 30 credits.

Section 3. Flexible master's programme

Article 10. Flexible master's programme

- a. Each student has the right to compile a flexible master's programme. The Examining Board must give its consent for the compilation of such a programme. The regulation regarding the flexible programme is an appendix to the Rules and Regulations and can be found at the Site of the WU Examining Boards.
- b. The diploma certificate states that a flexible master's programme was followed.

Chapter 4. Courses (study units)

Article 11. Types of courses

The programme MADE offers various types of courses or study units which are described in the Study Handbook (WU) / Study Guide (TUD). The differentiation packages consist of courses of either TUD courses and or WU courses and their descriptions can be found in the respective Study Handbook (WU) / Study Guide (TUD).

Article 12. Requirements with regard to study progress

For the Metropolitan Solutions course and the master's thesis the prescribed study progress in credits will be mentioned in the Study Handbook (WU) / Study Guide (TUD).

Article 13. Registering for courses

- a. Except for the thesis, students must register for each of the compulsory MADE courses, followed in Amsterdam, through MyPortal (WU) before the deadline set by the University has lapsed (see Agenda and calendar Academic year and Study Handbook). For the differentiation packages the rules for registering for courses apply of the University (WU and or TUD) where the courses are being followed.
- b. Courses with a maximum number of places have an earlier deadline (at least one and two weeks at most) in order to enable students who are not admitted to register for a different course. The student for whom this course is a compulsory course, will be admitted unconditionally. The student for whom this course is a restricted optional course will have priority over other applicants.

- c. Students who withdraw from a course within two weeks after the first day of the education period in which the course is given are deregistered and considered never to have taken that course.
- d. The courses and corresponding interim examinations and re-sit exams of the prescribed component of each programme are feasibly scheduled. However, for the courses chosen by students for the free-choice component of the programme it cannot be guaranteed they will be feasibly scheduled.

Chapter 5. Testing

Article 14.

In section 1, 2, 3, 4, 5 and 6 of this Chapter 5, the situation is described for the compulsory MADE courses that are offered in Amsterdam. For the compulsory MADE courses the rules on testing apply of Wageningen University as specified in the WU EER 2017-2018. For the differentiation packages the rules on testing apply of the EER of the university (WU and or TUD) where the courses are being followed.

Section 1. Interim examinations/registration

Article 15. Compulsory registration for interim examinations

- a. In order to take an interim or re-sit examination, students must register before the deadline (set by the University which has offered the course) has lapsed.
- b. If students are already registered for a compulsory MADE course, then it is not necessary to register separately for the corresponding interim examination in that education period.
- c. Students who have not registered on time cannot take the interim or re-sit examination.
- d. Until the deadline set by the University has lapsed, students can withdraw their registration for an interim examination.

Article 16. Enforcing preconditions for taking interim examinations

The examiner determines if all preconditions for taking an interim examination have been fulfilled.

Article 17. No possibility to re-sit a passed interim examination

If a student has passed an interim examination, he or she is not allowed to re-sit that examination.

Section 2. Interim examinations/examination material

Article 18. Examination material – general

The questions and assignments contained in a written or oral interim examination shall not extend beyond the examination material already made known in the Study Handbook (WU)\ Course guide (TUD).

Article 19. Examination material for an altered or cancelled course

If the examination material or the type of examination for a particular course are significantly altered (regardless of whether or not the same course code is used) or if the course is cancelled, then the interim examination given in the re-sit periods of the first year for the altered course or the first year after the course has been cancelled, shall also be in the previous form.

Section 3. Interim examinations/type of exam and scheduling

Article 20. Written interim examinations (also by digital means)

a. Students can take an interim examination or a re-sit examination for a MADE course in the MADE-education period (as specified in the Study Handbook) in which the particular course is given.

- b. Re-sits outside the regular education periods can be agreed on after discussion with the course coordinator.
- c. In addition to the foregoing students can take interim examinations of the MADE courses and the selective courses followed at WU in the re-sit period in August at Wageningen University. For specialisation and elective courses that are offered by Delft University of Technology, the rules and regulations on examination of Delft University of Technology apply.
- d. Interim examinations and re-sits can be scheduled in the evening.
- e. In one day no more than two interim examinations of courses from the prescribed component of the programme (compulsory and restricted optional courses) shall be scheduled.

Article 21. Oral interim examinations

- a. An interim examination will be taken orally if such is determined in the Study Handbook for the particular course or if so is determined by the Examining Board.
- b. The oral interim examination will be taken by two academic staffmembers one of which is the examiner.

Article 22. Internships and theses

In the Study Handbook the way internships and theses will be assessed will be specified. In any case the assessment will be executed by two academic staffmembers employed in different chairgroups (WU) and/or departments/laboratories (TUD). One of the staffmembers is the examiner.

Article 23. Request for another type or time of interim examination

In exceptional circumstances and by request of the student, the Examining Board can decide to deviate from the interim examination type and/or the time of examination should the student be unable to take the prescribed type of interim examination or take the interim examination at the prescribed time.

Section 4. Interim examinations/ assessing, determining and announcing results

Article 24. Assessment of interim examinations

- a. The assessed interim examinations are marked numerically on a scale from 1 to 10. In order to pass an exam students must achieve a mark of 6 or higher. Marks lower than 6 are rounded off to whole marks, marks of 6 and above are rounded off to half marks.
- b. In the case of a partial interim examination, the examiner may award a pass/fail assessment instead of a numeric mark. A pass/fail assessment for a course is permitted only after consent is given by the Examining Board. This is outlined per course in the Study Handbook. A pass/fail assessment is not permitted for theses and internships.
- The Rules and Regulations provide further information on the assessment methods and standards for interim examinations.

Article 25. Interim examination results and announcement of results

- a. The examiner determines the result of a written interim examination of the core mandatory courses in MADE within ten working days after the day on which the examination is taken.
- b. The examiner determines the result of an oral interim examination immediately after the examination is taken and provides the student with the result in writing.
- c. Regarding educational units for which no written or oral interim examination is given (such as an internship or thesis), the examiner determines the result within 10 days after the submission deadline, as determined by the examiner, on condition that the student has submitted on time. If the student fails to submit on time, the examiner shall determine the result within a reasonable term.
- d. Within the time periods referred to in this Article, the examiner ensures the results are announced by entering the results in the student information system. Students can find this information on MyPortal.

Section 5. Right of inspection and discussion

Article 26. Scheduling inspection and discussion

- a. Within four weeks after the results are announced, the examiner provides the students with an opportunity to inspect their assessed work.
- b. The examiner can schedule the inspection at a place and time whereby he/she arranges a collective discussion or hands out model answers.
- c. During the discussion or inspection, students have access to their own work, to the questions and assignments of the particular interim examination and to information regarding the standards used for the assessment.
- d. If students are prevented from attending the inspection and discussions due to circumstances beyond their control, they can still request the right to inspection within three weeks after the results have been announced. The examiner decides on the place, time and manner in which the students shall inspect and discuss their work.

Section 6. Validity period for results of interim examinations and partial interim examinations

Article 27. Validity period for results of interim examinations and partial interim examinations

- a. The validity period for interim examination results is unlimited. However, in cases where the examination result dates from over six years ago, the Examining Board may impose an additional or substitute examination.
- b. Results of partial interim examinations or other parts of an interim examination are valid until the end of the academic year following the academic year in which the result was attained, unless the Course guide (TUD) or Study Handbook (WU) states that the validity is longer (but with a maximum of six years).

Chapter 6. Exemptions

Article 28. Exemptions from interim examinations and or practical assignments

The Examining Board shall not grant exemptions from any interim examinations or the obligation to take part in certain practical assignments. The AMS programme is thus highly specialized and ambitious while the organisation of the programme requires the full dedication and input of all students, which makes that there is no room or ground for exemptions.

Chapter 7. Final exams, diploma

Article 29. The final exam of the programme

Students pass the final exam if they have passed all courses in their individual examination programme.

Article 30. The degree attributed to the final exam of the master's programme Metropolitan Analysis, Design and Engineering

Based on Articles 7.3c and 7.10a.1 of the WHW, the joint Executive Boards award a joint Master of Science degree, Metropolitan Analysis, Design and Engineering, to those who have successfully completed the master's programme.

Article 31. The final exam results and the date of the final exam

- a. The Examining Board determines the final exam results after all interim examinations of the individual examination programme have been passed.
- b. Contrary to the provisions in Article 29, the Examining Board can decide that it is not necessary to pass all interim examinations in order to pass the final exam. The applicable regulations on this matter can be found in the Rules and Regulations.

- c. The final exam date is the date on which the positive result of the last interim examination of the individual examination programme is entered into the student information system of Wageningen University, or, when later: the date of approval of the (altered) individual examination programme.
- d. Up until the day before the last interim examination of the individual examination programme is taken or the thesis result is announced, students can apply to the Examining Board for a postponement of the final exam date, so that additional courses can be added to the individual examination programme. The relevant procedure is outlined in the Rules and Regulations.
- e. After the final exam date, students can remain enrolled and take courses. They shall receive a certificate for such courses that are passed.

Article 32. The diploma and the diploma supplement

- a. The Examining Board issues the student with a diploma and a diploma supplement, as proof of successful completion of the final exam.
- b. The diploma states at least the following: the name of the joint programme, the joint degree, the final exam date, the names and logo's of the partaking institutions and, if applicable: the specialisation, the minor, and the cum laude designation.
- c. The diploma supplement contains at least the names and logo's of the partaking institutions and the name, the content and the study load of the programme. The supplement is drawn up in English and is in accordance with the standard European format.

Article 33. Cum laude

If the final exam shows that the student has demonstrated exceptional proficiency, the Examining Board can award the designation 'cum laude'. To this end, the Examining Board follows the corresponding procedure in the Rules and Regulations.

Chapter 8. Language used for education and interim examinations

Article 34. Language used for education and interim examinations/general

The programme is taught and examined in English.

Chapter 9. Studying with a disability or chronic illness

Article 35. Adaptations to education and interim examinations

- a. Students with a disability or chronic illness can apply for adaptations to the education, the interim examinations, internships and practical assignments. As far as possible, such adaptations will be tailored to the needs of the individual student. The adaptations shall not be made to the detriment of the learning outcomes and the assessment of the outcomes, of the course or of the programme. The procedures and facilities are outlined in the regulations 'Studying with a Disability' and can be found in the WU <u>Student Charter</u>.
- b. After seeking advice from the Study Counselling Services of Wageningen University, the Examining Board decides on behalf of the joint Executive Boards on adaptations to educational facilities and interim examinations.

Chapter 10. Study advice and counselling

Article 36. Study progress and study counselling in general

- a. The joint Executive Boards ensure the registration of study results so that all students have an overview of their course results via MyPortal.
- b. The joint Executive Boards provide adequate study counselling and facilities in order to ensure sufficient study progress.

Chapter 11. Online education

Article 37.

The regulations of these EER also apply to online education unless in this Chapter is stated additionally or differently.

Article 38. Extra Regulations for online courses

In addition to Article 27: In an online course the following teaching methods can be used:

DKC Knowledge clip
DT Tutoring
DG Group work
DEL E-learning

Article 39. Extra Regulations for online interim examinations

- a. An online interim examination can consist of an online conversation with the student (online oral interim examination) or an interim examination in writing which will be taken via an online connection with the student (online written interim examination).
- b. Contrary to the provisions stated in Article 26 the inspection will be organized online.
- c. An online oral interim examination will not be taken in public, but must be recorded and filed by the examiner and or the examining board in conformity with the retention period prescribed for written interim examinations.
- d. The online re-sit periods will be in January and August.

Chapter 12. Final provisions and implementation provisions

Article 40. Implementation

- a. These Regulations enter into force on 1 September 2017.
- b. These Regulations have been adopted by the Executive Board WU and the Dean of the Faculty of Architecture TUD, with approval of the WU Student Council and the Student Council of the Faculty of Architecture TUD.

Article 41. Amendments to the EER

- a. These Regulations can be amended only by decision of the Executive Board WU and the Dean of the Faculty of Architecture TUD after approval from the student councils.
- b. Amendments do not apply in the current academic year, unless the interests of the students are not harmed or if necessary because of a statutory obligation.
- c. Amendments shall not negatively influence decisions taken by the Examining Boards on the grounds of these Regulations with regard to students.

Article 42. Publication

The Executive Board WU and the Dean of the Faculty of Architecture TUD shall ensure the suitable publication of these Regulations and any amendments.

Appendix Admission to the master's programme MADE

Admission regulations for MSc MADE and selection procedure

The MSc admission regulations for the MSc MADE are an appendix to the Education and Examination Regulations (EER). The Executive Board of WU and the Dean of the Faculty of Architecture TUD will jointly decide on the basis of the advice of the Admission Board MADE on the admission of prospective students to the Master's programme MADE. Both the advice of the Admission Board and the decision of the Executive Board WU and Dean of the Faculty of Architecture are based on the EER and these Admission regulations.

1. Application regulations

- A. Those who are seeking admission to the MSc MADE are required to submit an application via the WU website
- B. The application should be submitted before the deadline that is mentioned on the WU website.
- C. Only full applications are taken into consideration. The application includes:
- 1. A completed application form
- 2. Degree certificate
- 3. Transcript of academic records
- 4. English language proficiency test results
- 5. A statement of purpose/motivation
- 6. A typed Curriculum Vitae or brief personal history
- 7. Statement of Accomplishment or Verified Certificate of the MOOC: Sustainable Urban Development: Discover Advanced Metropolitan Solutions
- D. The exceptions to the rule of not evaluating incomplete files are those files in which only the degree certificate and/or the English test results are lacking. If academic transcripts, CV, and motivation letter are not received within four weeks after submitting the application form despite a reminder from WU, the application procedure is discontinued.

2. Admission requirements

A. The applicant will be admissible if he meets all admission requirements:

1. Level

A Bachelor degree (or an equivalent award at ISCED level 5A) in a field of science relevant to the selected programme

- in the technical design and engineering sciences
- in the life or social sciences with additionally acquired technical competences and which degrees relate to metropolitan, urban or environmental issues. In any case the programmes specified under the heading "Target Group" (see below) are considered relevant.

Quality

Sufficient quality of the Bachelor degree as shown by an average mark of at least 7 (Dutch system), a Grade Point Average (GPA) of at least B/B+ (US system) or a classification as 2nd upper (UK system). Detailed information on other international equivalents of the required quality is published on the WU website.

3. English proficiency

A sufficient English proficiency, being an IELTS overall 6.5 and a minimum sub-score for speaking of 6.0. Detailed information on equivalents is published at the <u>WU website</u>.

4. Statement of Accomplishment or Verified Certificate of the MOOC: Sustainable Urban Development: Discover Advanced Metropolitan Solutions

developed and launched by the Amsterdam Institute for Advanced Metropolitan Solutions in 2016 is considered as pre-requisite knowledge before starting the master MADE.

- B. A quality of the Bachelor degree falling short of the requirements mentioned in A.2 can only result in admission at the discretion of the Admission Board, when there are sufficient compensating factors such as:
- a. Thesis result
- b. Scores for the courses that are of particular relevance to the MSc programme applied for
- c. Indisputable upward trend of course grades
- d. A declaration of the educational institute of the applicant on a deviating GPA policy
- e. Achievements in postgraduate education
- f. Multiple studies
- g. Scores for WU/TUD courses (by exchange students or students taking a minor)
- h. Reference letters
- i. Quality of the degree awarding institution

3. Linkage programme regulations

- A. Applicants who do not meet the MSc admission requirements, but who would meet the MSc admission requirements after completing preparatory courses at a value of 30 credit points at the most, can be admitted to the MSc programme under condition of completion of those preparatory courses (linkage programme).
- B. The composition of the linkage programme is determined by the the Executive Board WU and Dean of the Faculty of Architecture TUD on the basis of the advice of the Admission Board of the MSc MADE and will be laid down in the admission decision.

4. Admission decision

- A. The Admission Board will annually select students. The Educational Directors, under a mandate of the dean, will form the Admission Board, that advises the Executive Board WU and the Dean of the Faculty of Architecture TUD in individual cases with regard to the admission of students to the MSc MADE.
- B. Applicants receive a decision ultimately one month after the complete application was submitted.
- C. Applicants can be admitted provisionally if the Bachelor's degree certificate hasn't been issued yet, and are informed that admission will only become definitive when a certified copy is presented at the WU Student Desk on arrival in the Netherlands.
- D. The admission decision is valid for the next and following academic year. From then on, the applicant needs to submit a new application.

5. Appeal

- A. Applicants who do not agree with decisions based on this regulation or the time taken to reach the decision can appeal within six weeks after receipt of the decision. The appeal must be in writing and directed at the Board of Appeals for Examinations. The appeal has to be sent to the Facility (faciliteit@wur.nl).
- B. Before an appeal is taken into consideration, the Board of Appeals sends a notice of appeal to the Admission Board, inviting the Board to contact the appellant in order to determine whether or not an amicable settlement of the dispute is possible. The Admission Board will advise the Executive Board WU and Dean of the Faculty of Architecture about the consideration regarding an amicable settlement. Appellants can supply additional documents to support their application.
- C. Within three weeks the Admission Board, on behalf of the Executive Board WU and Dean of the Faculty of Architecture, shall report to the Board of Appeals whether or not an amicable settlement has been found. If this is not the case, the Board of Appeals shall start the appeal procedure.

6. Target group

The master MADE will be particularly interesting for three different groups of bachelor students:

A. Students with a bachelor degree from Delft of Wageningen University, who want to continue with a master focussing on Metropolitan issues. This includes the following BSc-graduates:

- a. BSc Environmental Sciences
- b. BSc Landscape Architecture and Spatial Planning
- c. BSc International Land and Water Management
- d. BSc Soil, Water, Atmosphere
- e. BSc Nutrition and Health
- f. BSc Food Technology
- g. BSc Architecture, Urbanism, and the Built Environment
- h. BSc Civil Engineering
- i. BSc Systems Engineering, Policy Analysis & Management
- j. BSc Life Science and Technology
- k. BSc Industrial Design Engineering
- B. Students with a bachelor degree from other relevant or (inter)nationally equivalent programmes in the technical or life and social sciences seeking an interdisciplinary study on metropolitan issues. In The Netherlands, this explicitly includes:
- a. BA/BSc Built Environment (NHTV, HU, HvA, Avans)
- b. BA/BSc Civil Engineering (Avans, Windesheim, HZ, Hogeschool Rotterdam, HAN)
- c. BA/BSc Landscape and Environment Management (Inholland)
- d. BA/BSc Environmental sciences (Avans, VHL, HAS Den Bosch, Saxion)
- e. BA/BSc Urban & Rural Development (HAS Den Bosch)
- f. BA/BSc Logistics (NHTV, HZ, Stenden)
- g. BSc Architecture, Urbanism and Building Sciences (TU/e)
- h. BSc Civil Engineering (UT)
- i. BSc Technology and Liberal Arts & Sciences (UT)
- j. BSc Technical Planning (RUG)
- k. BSc Geography, Planning and Environment (RU)
- I. BSc Environmental Sciences (UU)
- C. Students with a bachelor degree with competencies related to metropolitan, urban or environmental issues, yet with some deficiencies in the technical or life and social sciences. Some examples of degrees as such in The Netherlands are:
- a. BSc Social Geography and Planning (UU, UvA, RUG)
- b. BSc Earth and Economy (VU)
- c. BSc Future Planet Studies (UvA)
- d. BSc Social and Behavioural Sciences (EUR)