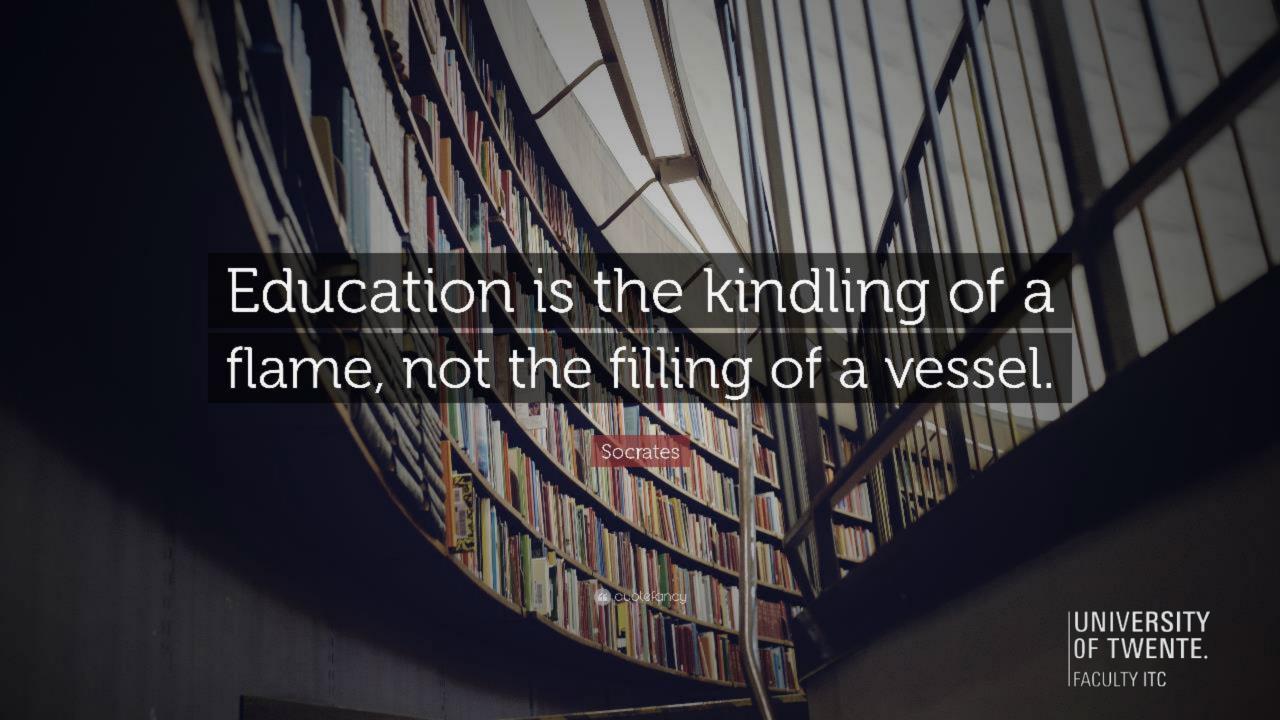
ITC ENSCHEDE, THE NETHERLANDS

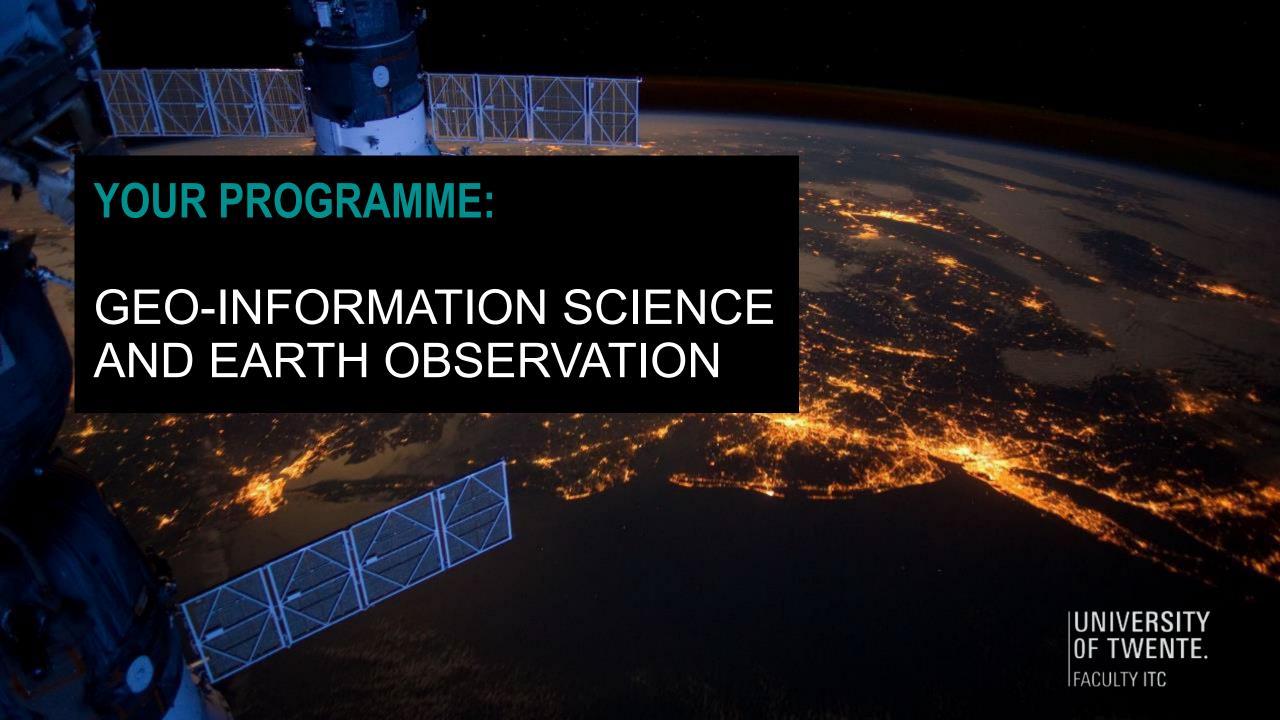












GEO-INFORMATION SCIENCE AND EARTH OBSERVATION 2-year Master's programme (MSc) 12-month Postgraduate diploma (PGD) course

Specializations

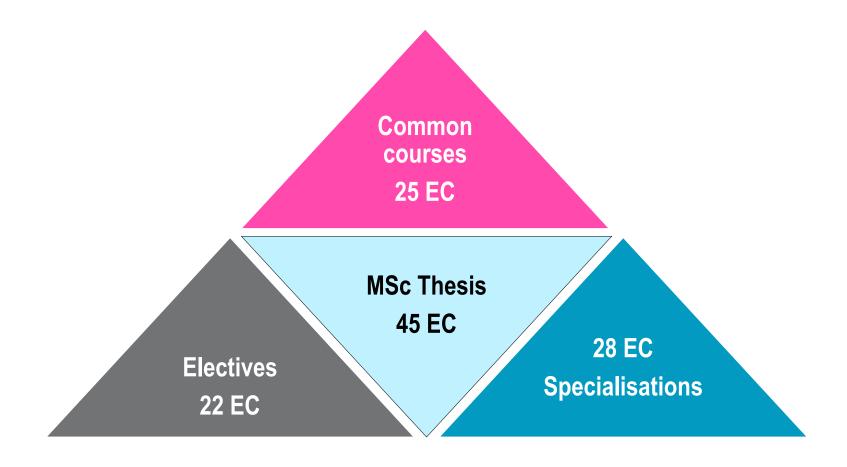
- Applied Remote Sensing for Earth Sciences
- Geoinformatics
- Land Administration
- Natural Hazards and Disaster Risk Reduction
- Natural Resources Management
- Urban Planning and Management
- Water Resources and Environmental Management.





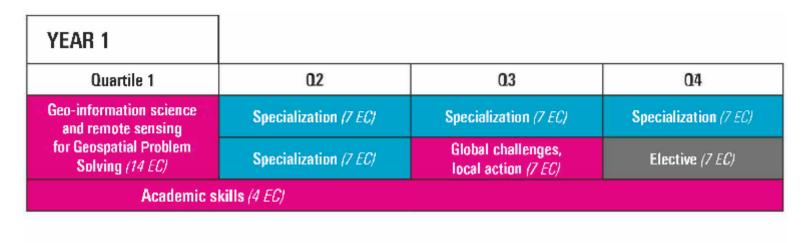
GEO-INFORMATION SCIENCE AND EARTH OBSERVATION 2-year Master's programme



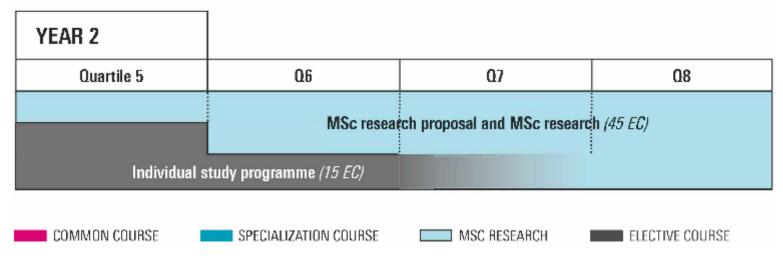




GEO-INFORMATION SCIENCE AND EARTH OBSERVATION 2-year Master's programme



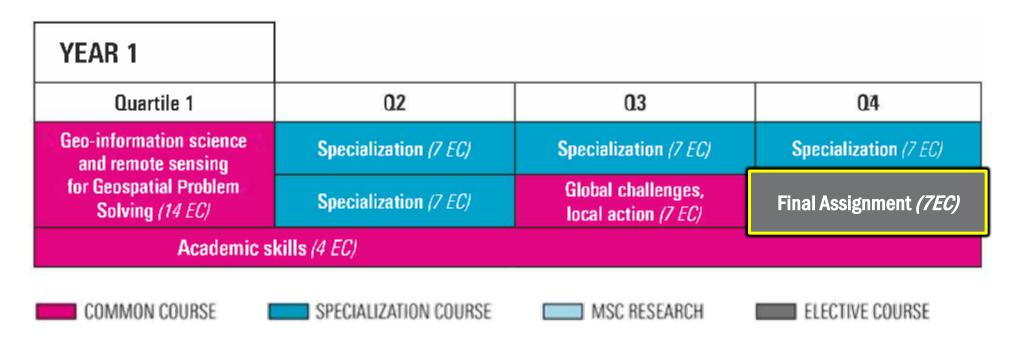
- 2 academic years: September to July, of each 60 ECTS
- Research based MSc
- Quartile based calendar
 10 weeks 15 ECTS







GEO-INFORMATION SCIENCE AND EARTH OBSERVATION PGD course



- One-year Post Graduate Diploma Course
- Similar courses as first year of MSc, but with a Final Assignment



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

Course scheduling

YEAR 1			
Quartile 1	0.2	03	Ω4
Geo-information science and remote sensing for Geospatial Problem Solving (74 LC)	Specialization (7 EC)	Specialization (7 EC)	Specialization (7.50)
	Specialization (7 EQ)	Global challenges, local action // EC/	Elective (7 EC)
Academic s	kills (4 FC)		

Two or three courses taught once

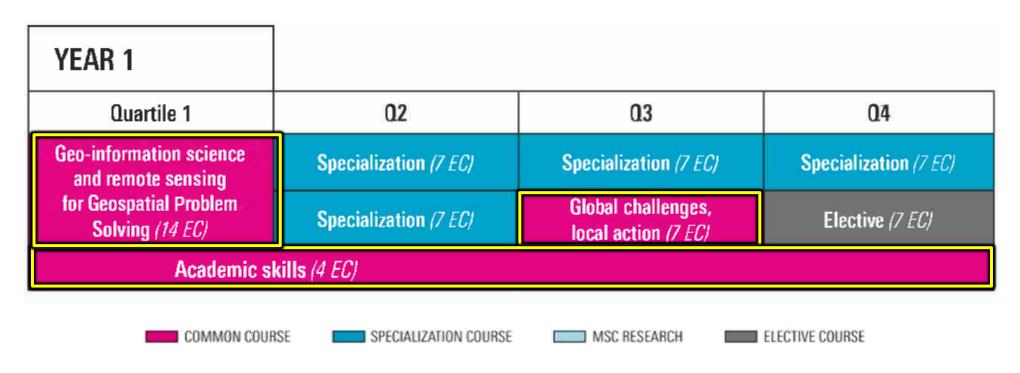
Parallel courses (10 wells <40% co tact hours per course! You are expected in class)

• Cours sale 1 C S → 1 ECTS = 28 hours study load 1 C s valie is 42 hours study load per week

pracitcals + 148 hours of selfstudy and group work (incl. exams).



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Common courses



- Three common courses throughout the first year
 - GIS & RS for Geospatial Problem Solving
 - Global Challenges, Local Action
 - Academic Skills



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION GIS & RS for Geospatial Problem Solving

"The CORE"

Three courses (14 EC total), offered in the 1st Quartile

- Providing you with a common understanding about GIS and RS principles.
- Hands-on experience in using software tools
- Challenge you in developing an attitude of using GIS and RS in dealing with geospatial problems and answering geospatial questions.
- Geospatial problem-solving cycle: identification, acquisition, management and exploration of data, analysis of data, and eventually the generation and communication of geospatial information needed for answering the geospatial questions.
- For some of you a good refresher, for others a steep learning curve



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Global Challenges, Local Action

7 EC course, offered in the 3rd Quartile

- Increase your awareness of the urgency to address global challenges of the
 21st century at multiple scales
- Learn value and challenges of crossing disciplinary boundaries
- Recognize the contribution of your own discipline in analysing global problems and designing actions at the local level.
- 1. a set of key global challenge lectures
- 2. an interdisciplinary and project-based investigation to analyse a global issue more in-depth and collaboratively design a response at the local level.



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Academic Skills

4 EC course, offered throughout the first year (usually on Wednesdays)

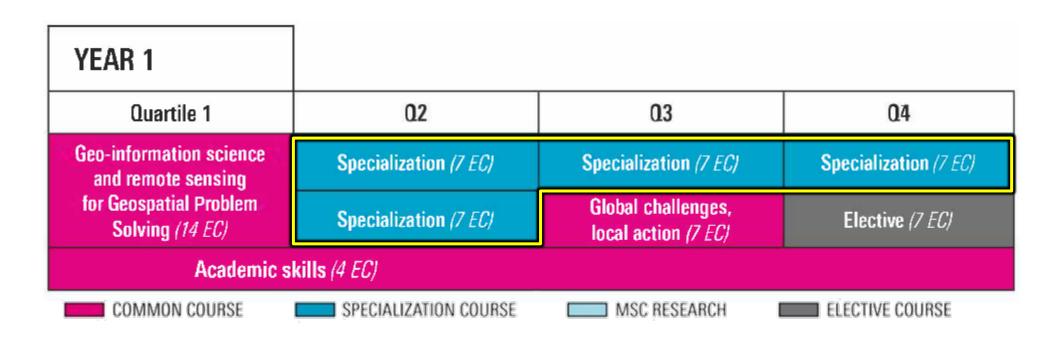
Foundational knowledge and skills required to undertake scientific research. A critical, scientific attitude and the ability to reflect upon own work and that of others will be developed.

 Handling scientific information; Critical reading; Research design; Scientific communication; Critical reflection

You MUST pass this course in order to proceed with your MSc research in the second year. Failing the course could lead to significant study delays



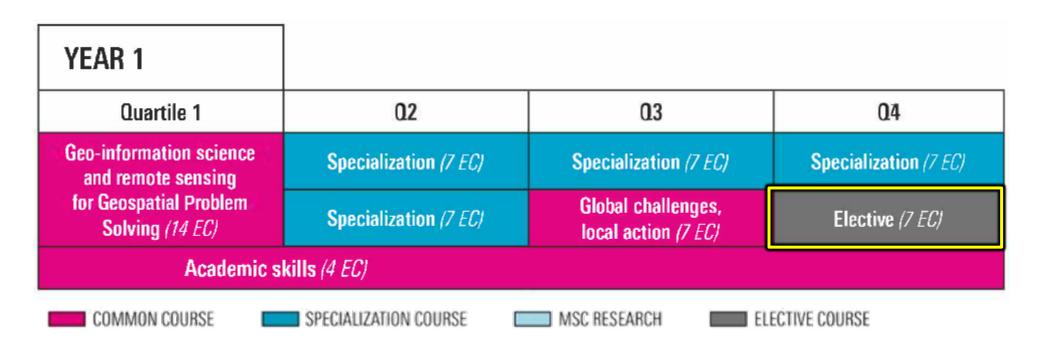
MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Specialization courses



- 7 specializations each 4 courses of 7EC
- Free specialization: academic eligibility allows combination of specialization courses contact study adviser for information



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Elective courses



- 7 EC course offered in 4th Quartile
- Choice dependent on specialization and MSc research interest



MSc GEO-INFORMATION SCIENCE AND EARTH OBSERVATION Information

All information is online available:

Study guide: https://studyguide.itc.nl/m-geo

Intranet: https://www.itc.nl/intranet/education/

Regulations: https://www.itc.nl/intranet/education/rules-and-procedures/

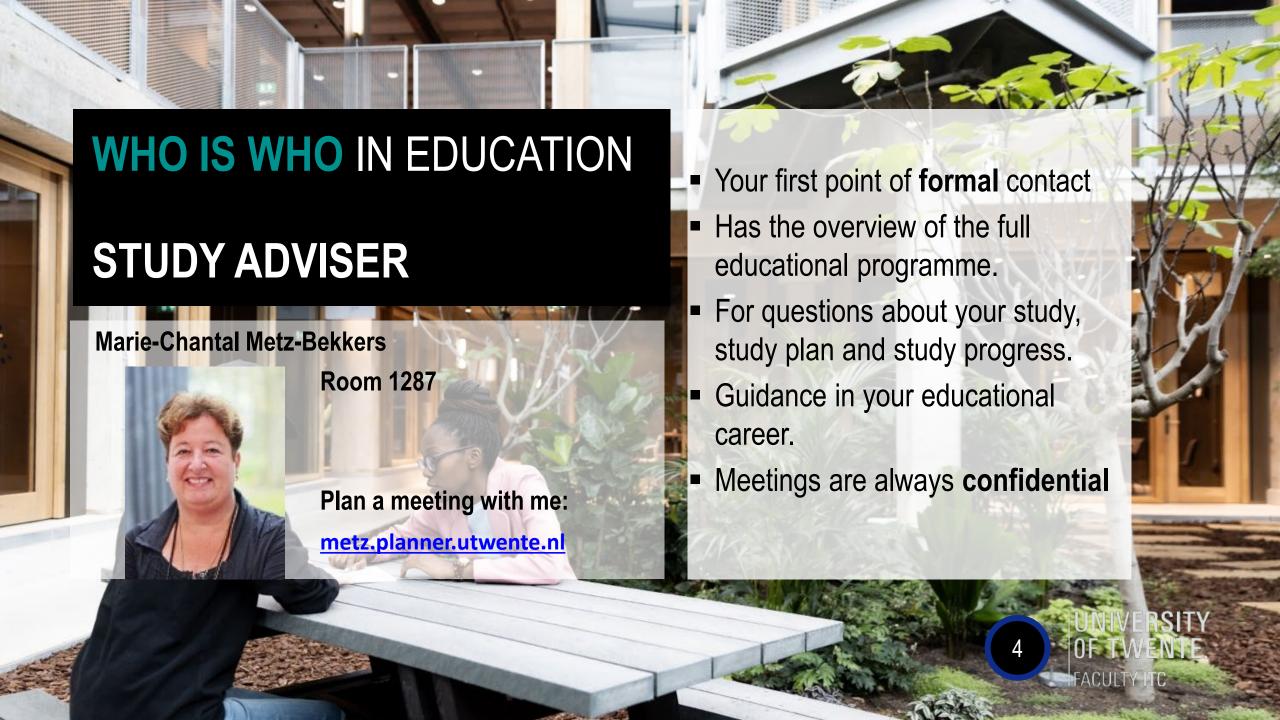
Student guidance and support:

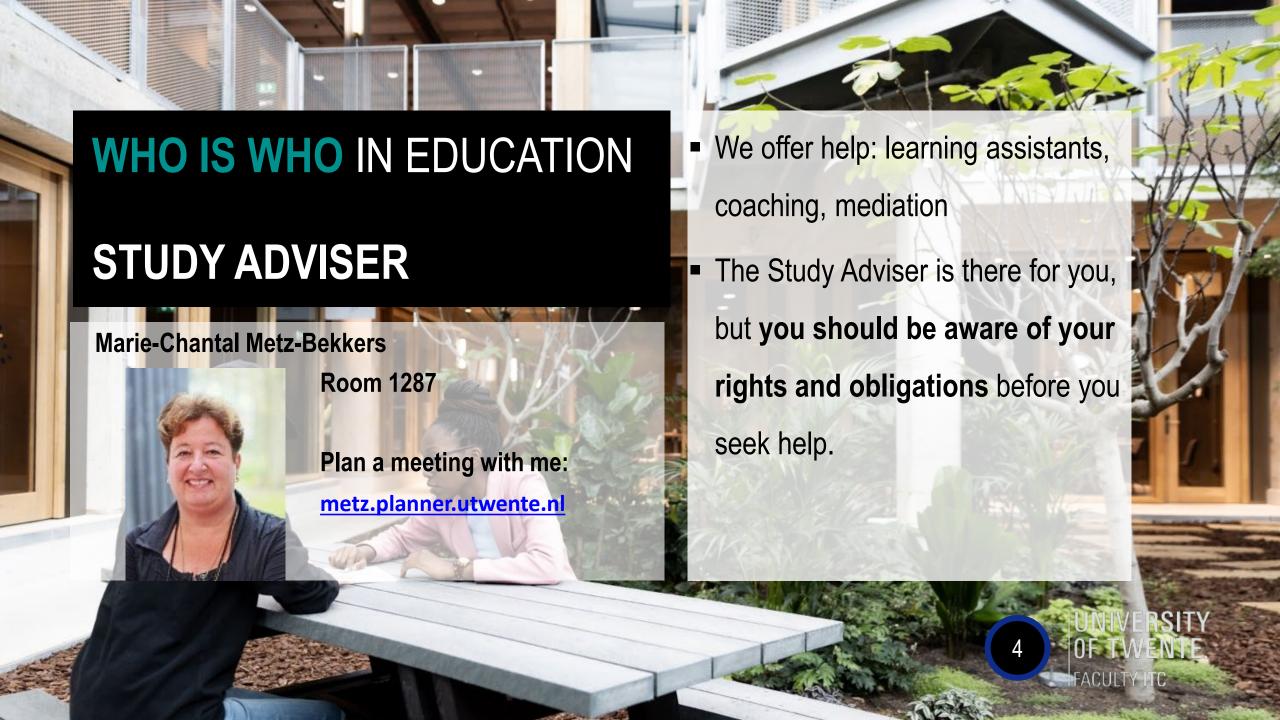
https://www.itc.nl/intranet/education/academic-matters-and-support/student-guidance/









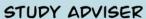


ARE YOU OKAY?





↓ CONTACT YOUR ↓





AND/OR SIGN UP FOR THE



FEELING DOWN
OR ANXIOUS?



↓ CONTACT YOUR ↓



AND/OR



FEELING LONELY?



↓ CONTACT YOUR ↓

FRIEND OR FELLOW STUDENT



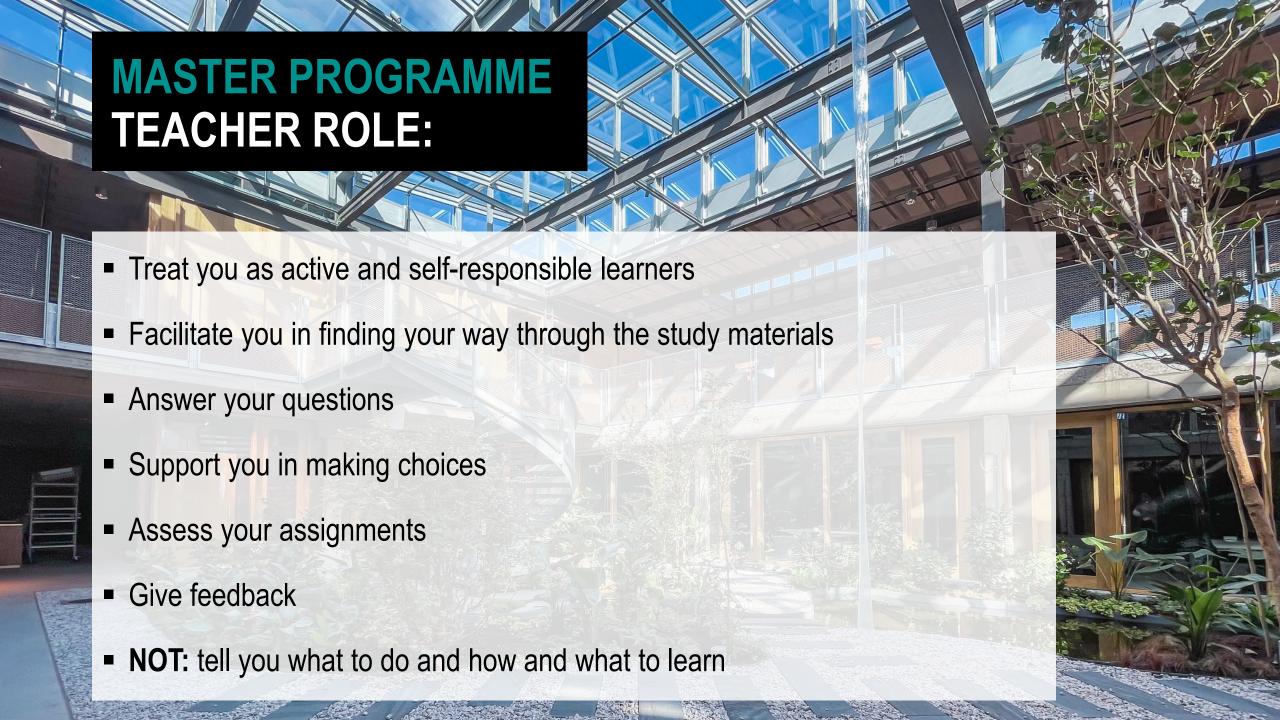
AND/OR CHECK THE

STUDENT UNION WEBSITE





- Coordinator: Each study unit is coordinated by a staff member of a Scientific Department. The coordinator is responsible for the organization and execution of the entire study unit, and is first point of contact for staff and students when questions arise
- Examiner: The individual who has been appointed by the Examination Board to hold exams and tests and determine their results
- Lecturer: A staff member who teaches in (part of) a study unit.







EDUCATION AND EXAM REGULATIONS (EER)

READ the <u>Education and Examination Regulations</u>
 and the Rules and Regulations of the Examination Board



→ know your rights and obligations

- Info on learning outcomes, tests and assignment deadlines at start of course
- There are usually two opportunities for a test each year (check for exceptions)
- You have the right to inspect your exam papers and receive feedback from the examiner. Do this to learn!
- In case you cannot take a test for reasons beyond your control (sickness etc.),
 notify the examiner in advance, or you lose the test opportunity
- You must register for second test opportunities



POINTS OF ATTENTION

Tests

- You have to get used to tests & you have to learn to plan for tests
- Always check if you need to register for a test
 - Written tests → open or closed book
 - Oral tests → individual or in public (presentations)
 - Written assignments → individual & group work
- Group assignments can have one grade, which is based on a combined effort of the group.
- Know and observe your deadlines!
- Keep in mind that all courses in a quartile can have tests in the final week.



POINTS OF ATTENTION

Grades

- Tests are graded on a range of... 1.0 to 10.0
- A grade of 5.5 or higher for a test is a pass
- Final grades for study units are rounded on ... half grades (0.5) on a scale of **1-10**
- To present and defend an MSc research Proposal:
 - 46 of 60 EC of the <u>first year</u> completed, and
 - Passed the Academic skills course
- To graduate with an MSc Degree
 - All but 12 EC passed of 1st and 2nd year courses
 - No mark below 5 allowed for any study unit,



COURSE EVALUATIONS



- You will receive an invitation for a digital survey after each quartile or study unit
- Input is anonymous and can't be traced back to you individually
- Why complete these evaluations? What is being done with it?
 - Input to concrete actions to improve next year's course/programe
 - Staff can improve their own (teaching) performance
 - Next year, students can read in Canvas which changes were made based on your input.
- Study unit coordinators can do additional evaluations
 (e.g. group discussions) for more detailed feedback





MoMi: Modern Migration Law

- All international (non-EER) are offered a student residence permit. In order to retain your residence permit, your educational progress must be adequate. As an international student <u>you</u> <u>must attain at least half of the number study credits per study</u> <u>year</u>. This is **30 EC's** per year. The Study Adviser will monitor your study progress and be in contact with you.
- Please see brochure: <u>Coming to study in the Netherlands</u>
 (ind.nl)

Obligations of your sponsor

 Those students who receive a scholarship are normally also entitled to attain a certain amount of study credits per year.
 Check your scholarship agreement.



