Learning outcomes
A graduate of the master’s programme in Econometrics and Operations Research:

1. has a thorough and practical knowledge of modern econometrics;
2. has a sound grasp of the development of modern econometrics, operations research and mathematical economics, and has gained experience with research in at least one subfield;
3. is able to gain knowledge on other subfields within a reasonable period;
4. is able to formulate an action plan based on a broad question;
5. is able to analyse and formulate research results and draw conclusions;
6. is able to draw up a report and participate in a debate on a professional subject;
7. is able to consult and make use of international professional literature on relevant subfields;
8. is able to apply knowledge in econometrics, operations research or mathematical economics in a broad, multidisciplinary context and is experienced in modelling problems from other scientific fields;
9. is employable in positions which require knowledge and research skills taken from modern econometrics;
10. has extensive knowledge and understanding of the use of modern econometrics, operations research or mathematical economics in society and can make sound decisions with regard to career possibilities;
11. has a wide sense of social responsibility and an eye for ethical aspects of the scientific and professional practice.

Teaching
Tuition is carried out in plenary lectures and small groups. Much attention is paid to an active method of studying. This includes writing study papers, working out cases and preparing practical assignments. In this way students become familiar with the application of advanced theory to practical work. It also serves to integrate the theory studied in the individual courses into a comprehensive body of knowledge. Papers are written both individually and in groups of two or three students, thus furthering the students' ability to work in teams.

Much time is also devoted to presentation and discussion of one's work to fellow-students and staff and group discussion of e.g. research papers. The small-scale tuition environment provides an excellent opportunity for guidance and feedback by staff and other students. Apart from developing the student's communicative skills in oral and written presentation, much attention is paid to the development of critical judgement in assessing research work of others.

Enrolment for courses and exams
See VUnet for more information about course enrolment.