

MASTER OF SCIENCE IN MATHEMATICS

(120 credits)

Introductory and General Section (30 credits)

In this section the student has to take courses from the K.U.Leuven curriculum adding up to 30 credits. These courses can be introductory and/or may be of general non-mathematical nature (e.g. dutch course). The programme director advises each student individually so that package of courses in this section is optimally tailored to the student's specific situation and needs. The chosen package has to be approved by the programme director.

Options (60 credits)

The student chooses one of the two options.

1. OPTION PURE MATHEMATICS

The student chooses for (at least) 60 credits from the subgroups according to the rules specified in each subgroup.

Core Courses (at least two courses, choice)

Deepening Courses (at least two courses, choice)

Exchange Courses (at least one course, choice)

Advanced Courses (one course, compulsory)

Research Seminars (one course, compulsory)

Elective Master Courses

(The student can choose up to three courses (max. 18 credits) from the option Applied Mathematics or from the Dutch master program)

2. OPTION APPLIED MATHEMATICS

The student chooses for (at least) 60 credits from the subgroups according to the rules specified in each subgroup.

Physical Applied Mathematics (at least three courses, choice)

Numerical Mathematics (at least one course, choice)

Probability and Statistics (at least two courses, choice)

Exchange courses (the student can choose one course)

Advanced Courses (at least one course, choice)

Research Seminars (one course, compulsory)

Elective Master Courses

(The student can choose up to three courses (max. 18 credits) from the option Pure Mathematics or from the Dutch master program)

Master Thesis (30 credits, compulsory)