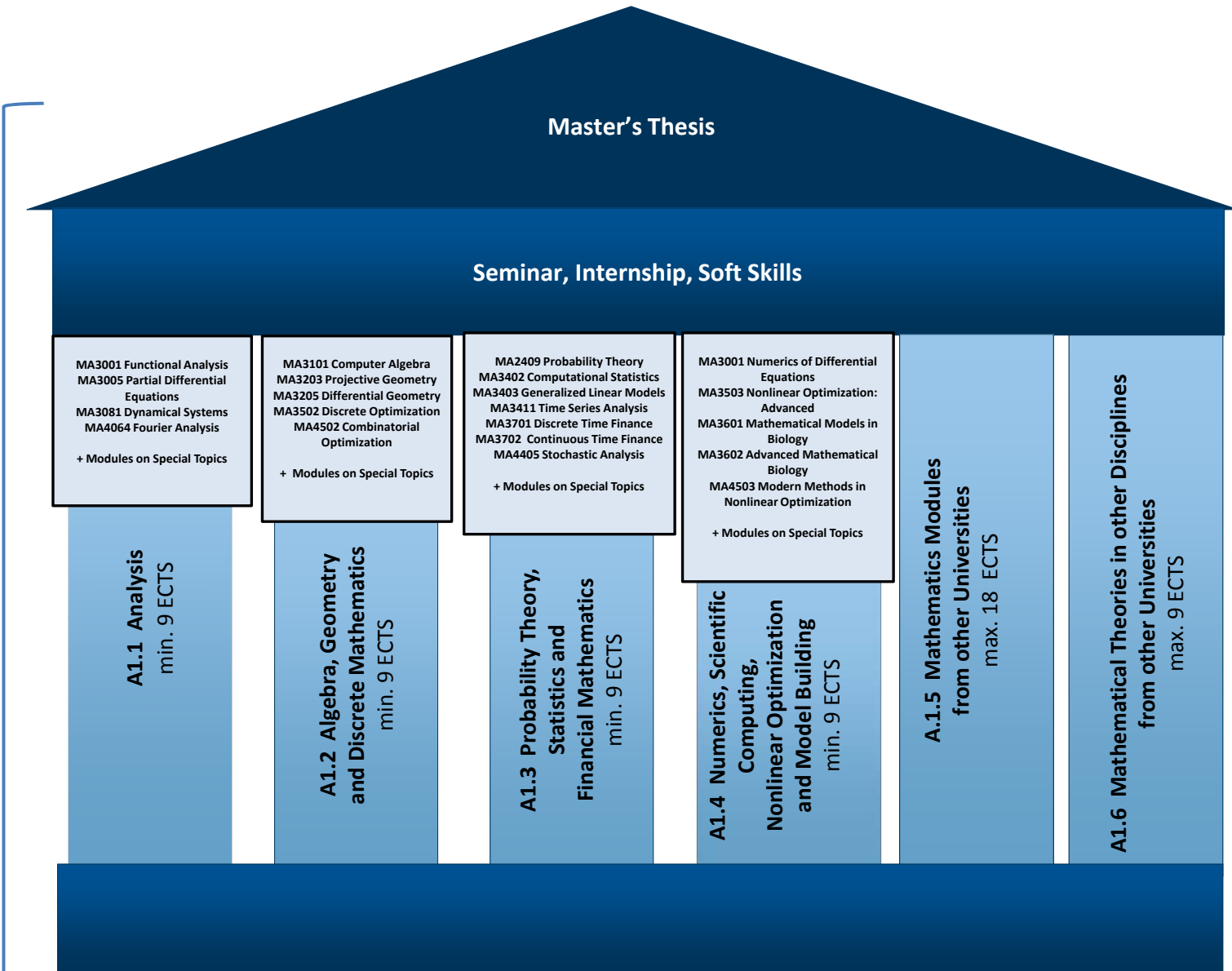


Course Overview

Master Studies in Mathematics

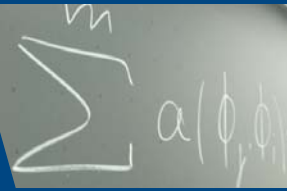


Bachelor Mathematics

| | | |
|---|---|--|
| <p>Mandatory: MA1001 Analysis 1 MA1002 Analysis 2 MA1101 Linear Algebra 1 MA1102 Linear Algebra 2</p> <p>36 ECTS</p> | <p>MA2003 Measure and Integral MA2004 Vector Analysis MA2005 Ordinary Differential Equations MA2006 Complex Analysis MA 2101 Algebra MA 2203 Algebraic Structures in Geometry MA2204 Elementary Differential Geometry MA2302 Numerical Analysis MA2402 Basics Series of Statistics MA2404 Markov Chains MA2501 Algorithmic Discrete Mathematics MA2503 Introduction to Nonlinear Optimization</p> <p>min. 36 ECTS</p> | <p>Recommended: MA2409 Probability Theory MA3082 Nonlinear Dynamics</p> |
| <p>MA1401 Introduction to Probability MA1302 Introduction to Numerical Analysis MA1501 Introduction to Discrete Mathematics MA1902 Introduction to Mathematical Modeling</p> <p>min. 8 ECTS</p> | | |

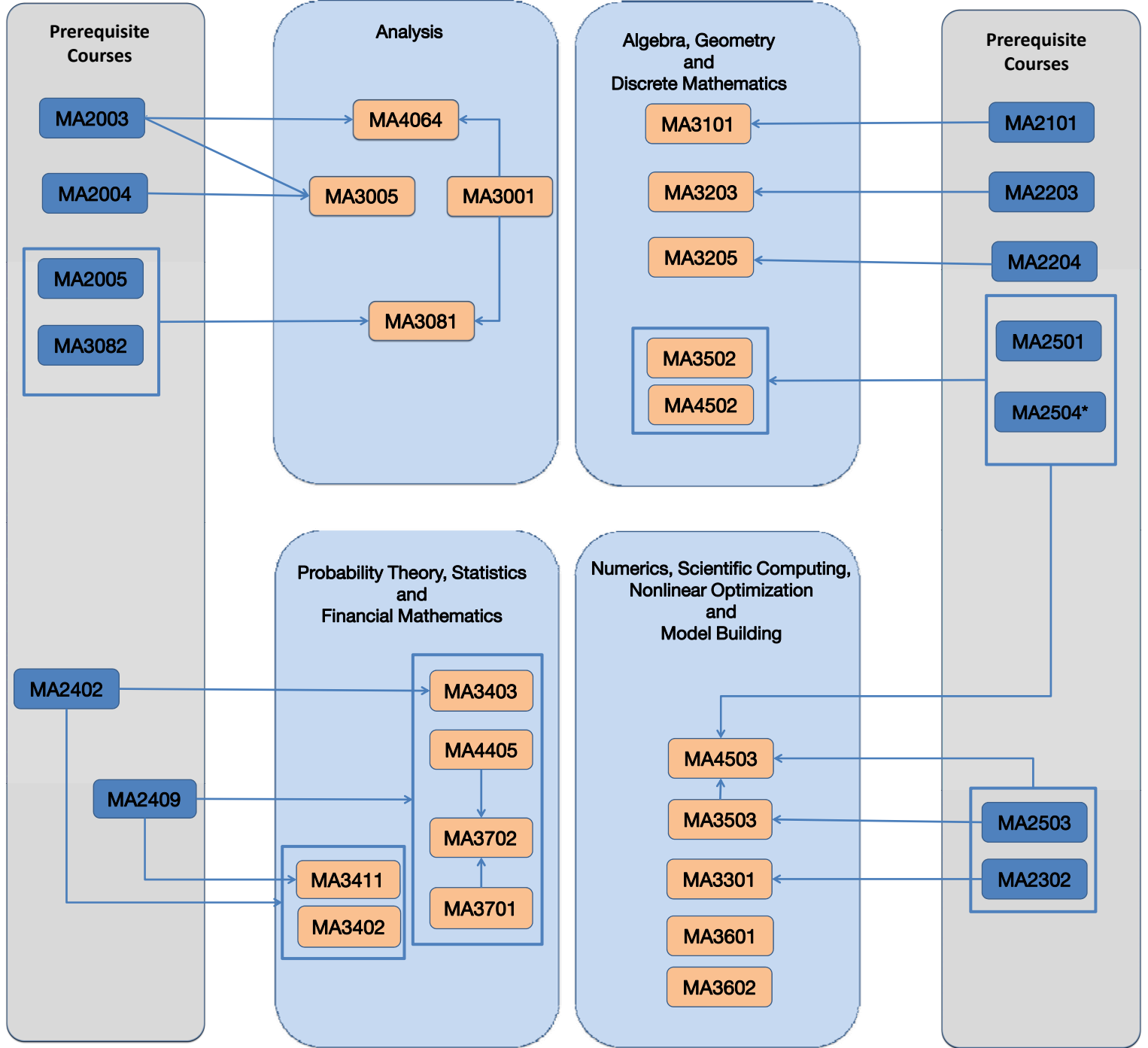
For additional information, please refer to the examination regulations and module guidelines.

Only in three different sections (A1.1-A.1.4 and A1.6) students have to obtain min. 9 ECTS.



Course Overview

Master Studies in Mathematics



* In the summer term 2012 started MA2504 (previous modules are MA3501 and MA3504)

For additional information, please refer to the examination regulations and module guidelines.
The above-mentioned courses are only a selection of a great variety of lectures available at the Faculty of Mathematics of the TUM.