

Appendix 2

Mathematics requirements in connection with a degree in Science in Engineering

Appendix 2 to "Local Degree Ordinance at Blekinge Institute of Technology concerning first- and second-cycle education" was approved by the Board of Education at BTH on 23 November 2010 (§154-10). The document is last revised by the Pro-Vice-Chancellor and the Deans on 1 April 2021.

A Bachelor's degree in Engineering, Master of Science and Master of Science in Engineering requires at least 15 credits (credits) of completed courses in mathematics or applied mathematics. Courses that can be included in the requirement are all courses at first and second cycle level in the main areas of mathematics (MAXXXX) and mathematical statistics (MSXXXX) except the following.

Course code	Course name	Credits
MA1105	Discrete Mathematics and Calculus ¹	15
MA1107	Mathematics 2	7.5
MA1108	Mathematics 3	7.5
MA1114	Mathematics 4	7.5
MA1115	Mathematics 5	7.5
MA1116	Mathematics introduction	7.5
MA1117	Typesetting with LaTeX	3
MA1118	Mathematical tools in education	7.5
MA1402	Calculus and problem solving	7.5
MA1403	Game theory, an introduction	7.5
MA1406	History of mathematics, first course	7.5
MA1426	Basic LaTeX	2
MA1427	Calculus and problem solving	7.5
MA1431	Game Theory, an Introduction	7.5
MA1439	Mathematics 1 for Product Development	7.5
MA1440	Mathematics 3	7.5
MA1441	Mathematics 4	7.5
MA1442	Mathematics 5	7.5
MA1455	Basic LaTeX	2
MA1457	History of mathematics, first course	7.5
MA1466	Mathematics 2	7.5
MA1467	Mathematics 2 for Product Development	7.5
MA1468	Mathematics gamma	15
MA1469	Mathematics delta	10
MA1475	Basic LaTeX	2
MA1476	Introduction to Mathematics	7.5
MA1477	Mathematical modelling	7.5

¹ Part two of the course, discrete mathematics 7.5 credits may be included.

TRANSLATION

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MA1481	Basic Mathematics for Engineers	6
MA1487	Mathematical modelling	7.5
MA1492	Mathematics for Product Development	7.5
MA0001	Mathematics gamma	15
MA0002	Mathematics delta	10

Courses at pre-university level and giving pre-education credits, fup, cannot be included in the degree. Examples of such courses are the courses included in the College Year.