

Department	II – Mathematics – Physics – Chemistry / <i>Mathematik - Physik - Chemie</i>
Degree level	Bachelor's
Degree program	Applied and Computational Mathematics / <i>Mathematik</i>
Type of instruction	Exercise
Credits	5
Availability	Every semester
Hours/week	4

Course number	B06
English title / German title	English for Mathematics and Computer Science / <i>Englisch in der Mathematik und Informatik</i>
Credits	5 Cr
Instruction hours	4 hours per week during the lecture period of the semester
Subject coverage	Mathematical/Technical English
Learning objectives / Competencies	Students can understand technical texts and briefly spoken statements at the B1/B2 level of the Common European Framework of Reference for Languages concerning fundamental topics of mathematics and computer science, discuss these topics in a simple coherent manner, e.g. present the relevant facts, express their own assessments and write brief depictions of these matters. Appropriate use of grammar, vocabulary and pronunciation should allow for fluent communication without major problems.
Requirements	Level of English: Level A2/B1 in line with the Common European Framework of Reference for Languages
Level	1 st semester in the degree program
Type of course	Exercises on reading, comprehension, speaking and writing as well as focus on grammar employing individual, pair and group work
Status*	Required course
Semester offered	Every semester
Assessment of performance	The modalities of performance assessment are provided in an understandable written manner within the course registration period. Forms of performance assessment include written exams, term paper reports, project work, exercises, oral examination or a combination of these.
Determination of the grade	Exercise 100%: Final grade determined through a combination of performance assessments described in a clear written manner within the course registration period.
Recognition of alternative courses*	Course with similar contents
Contents	Texts of B1/B2 level of the Common European Framework of Reference for Languages on fundamental topics of mathematics and computer science as well as general scientific topics, basic technical vocabulary, numbers and mathematical expressions, physical quantities and units, basic concepts for the presentation of technical interrelationships. Fundamental grammatical structures of specialized English like articles, verb tenses, passive constructions, relative clauses, etc.
Literature	To be announced in class.
Further information	This course is offered in English.

* Only relevant for Beuth students enrolled in a degree program.