

## 理学院（数学与应用数学专业）课程简介

课程编号：1713001110

课程名称：专业英语

学分/学时：2.5/40

先修课程：大学英语

适用专业：数学类专业

课程性质：限选

教材：吴炯圻编，《数学专业英语》（第二版），高等教育出版社，2014。

主要参考书：《数学专业英语》，堵秀凤、高晓巍、马占春编，清华大学出版社，2013。

内容简介：数学的《专业英语》是数学专业本科学生一门必修的专业基础课。本课程意在使学生掌握数学专业词汇，培养快速阅读数学专业英语文献以及初步的英文数学论文写作的能力。了解数学的学科分类，英文学术论文的检索，数学文章的英译汉和汉译英的技巧。能用英语书写文章摘要、学术会议通知等。本课程内容包括数学专业英语的特点和阅读与翻译的基本方法，数学各个分支学科的专业教材节选精读，英文数学论文写作的基础知识以及查阅英语数学文献的基本知识。

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### Course Description

School of Science Faculty

Course Code: 1713001110

Course Name: Mathematical Specialized English

Credit/Hours: 2.5/40

Textbooks: Wu jiongqi,《Mathematical Specialized English》(The second edition), higher education press, 2014。

Reference Books: Du xiufeng, Gao xiaowei, Ma zhanchun, 《Mathematical Specialized English》 .

Press of Tsinghua University, 2014

Course Description: MATHEMATICAL SPECIALIZED ENGLISH is a compulsory course for students majoring in mathematics. This course is intended to enable students to master the vocabulary of mathematics, develop the ability to quickly read the English mathematical literature and the ability to write a preliminary mathematical paper. Help the students to understand the subject classification of mathematics, the method of search for English academic papers, obtain the skills of translating English to Chinese and Chinese to English. After the study of this course, the students can write abstract for academic paper, notification for academic conference in English. The course covers a wide range of the basic vocabularies and foundational knowledge including the characters of mathematical specialized English and basic methods for reading and translating, peruse of some specialized textbooks of some branches of math, elementary knowledge of English mathematical thesis writing.