

COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Science Program in Mathematics
Entry qualifications	1. Must have graduated or 2. To receive graduate status of their high school in Mathematics-Science program, successfully completed grade 12 or equivalent
Maximum number in class	30 people
Average class contact hours per week	15-21 hours per week
Examining body	RMUTT
Academic level	Bachelor of Science (Mathematics)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Miss Nonthiya Makate, Ph.D.
Brief outline of the course content and its delivery	<p>Students must complete at least 133 credits of the curriculum</p> <p>A. General Education Courses 33 credits</p> <p>B. Specialized Courses 94 credits</p> <p>Basic Courses</p> <ul style="list-style-type: none"> - Calculus 1 - Calculus 2 - Mathematical Software - Chemistry 1 - Chemistry Laboratory 1 - Principles of Biology - Principles of Biology Laboratory - Introductory Physics - Introductory Physics Laboratory - Natural Disaster

Required Courses

- Advanced Calculus
- Differential Equations
- Principles of Mathematics
- Linear Algebra
- Number Theory and Applications
- Mathematical Analysis 1
- Abstract Algebra 1
- Complex Variables 1
- Probability and Statistics
- Numerical Methods
- Mathematical Modelling
- Project in Mathematics 1
- Seminar in Mathematics
- Project in Mathematics 2

C. Free Elective Courses 6 credits