

## COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Science Program in Information Technology
Entry qualifications	<ol style="list-style-type: none"> <li>1. Must have graduated or</li> <li>2. To receive graduate status of their high school, successfully completed Grade 12 or</li> <li>3. Vocational Certificate Graduates</li> </ol>
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 (Information Technology)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Asst. Prof. Dr. Chutima Prasartkaew
Brief outline of the course content and its delivery	<p>Students must complete at least 137 credits of the curriculum</p> <p><b>A. General Education Courses 30 credits</b></p> <p><b>B. Specialized Courses 101 credits</b></p> <p>Basic Courses</p> <ul style="list-style-type: none"> <li>- Fundamental Calculus for Computer</li> <li>- Discrete Structure for Computer</li> <li>- Statistics for Computer</li> <li>- Office Package Workshop</li> <li>- Information Technology Fundamentals</li> <li>- Computer Programming 1</li> <li>- Computer Platform Technology</li> <li>- Data Structure and Algorithm</li> <li>- Information Technology Infrastructure</li> </ul>

Management

Required Courses

- Computer Programming 2
- Cloud Technology and Big Data Process
- Business Information Systems
- Computer Network
- Object-Oriented Programming
- Information System Analysis and Design
- Information Management
- Web Programming
- Advance Computer Network Embedded System and Internet of Things Technology
- Human Computer Interaction
- Database Programming
- Information Technology Seminar
- Information Technology Assurance
- Social Perspectives and Ethics for IT Professional
- Information Technology Project 1
- Information Technology Project 2

**C. Free Elective Courses 6 credits**