

## COURSE DETAILS

A separate sheet should be completed for each course.

Course title	Bachelor of Engineering Program in Materials Engineering
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 in Mathematics-Science program, successfully completed grade 12 or</li> <li>3. Vocational Certificate Graduates</li> <li>4. High Vocational Certificate Graduates</li> </ol>
Maximum number in class	35 people
Average class contact hours per week	15-21 hours per week
Examining body	RMUTT
Academic level	Bachelor of Engineering (Materials Engineering)
Certificate awarded, and by whom	Ministry of Education
Duration of course	4 years
Teacher/Course Leader responsible for the course	Miss Waroonsiri Jakarbutr
Brief outline of the course content and its delivery	<p>Students must complete at least 149 credits of the curriculum</p> <p><b>A. General Education Courses 30 credits</b></p> <p><b>B. Specialized Courses 113 credits</b></p> <p>Core Courses</p> <p>Major Required Courses</p> <ul style="list-style-type: none"> <li>- Organic Polymer Chemistry 1</li> <li>- Polymer Engineering</li> <li>- Polymer Testing</li> <li>- Instrumental Analysis of Polymer</li> <li>- Quality Control in Polymer Industries</li> <li>- Materials Engineering Pre-Project</li> </ul>

- Materials Engineering Project  
**C. Free Elective Courses 6 credits**