

# International Bachelor Degree Program in Mechanical Engineering

## National Chung Cheng University

Study regulations for student (Applicable to new students enrolled in the 114th academic year)

<b>1. Students of the belonged program must complete at least 128 credits upon graduation including:</b>								
( 1 ) <b>General Education 28 credits</b>								
( 2 ) <b>Professional compulsory 67 credits</b>								
( 3 ) <b>Professional elective 21 credits</b>								
( 4 ) <b>Free elective 12 credits</b>								
<b>2. Various subjects including:</b>	<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	
<b>( 1 ) 28 credits in general education</b>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
Chinese and English Proficiency Courses								
General Study Chinese (4 credits required)	2	2						
General Study English (4 credits required)	2	2						
<p>Others: Choose at least 1 course from each of the "Information Skills Course" and Liberal Arts dimensions 1, 2, 3, 4, 5. The remaining credits can be chosen on courses to study information skills, fundamental theory or liberal arts in any dimension.</p>	<ul style="list-style-type: none"> <li>★ Refer to "National Chung Cheng University Students' General Education Regulations"</li> <li>★ If you elect to take courses in the "Fundamental theory Courses" offered by the belonged program and the courses that are not counted as credits by the belonged program are listed in the "List of General Education Courses Not Taken as Credits by the Belonged Department", the courses will not be counted as the credits for general education courses.</li> <li>★ Refer to the "Regulations on the Field of Physical Education for Bachelor Students of National Chung Cheng University"</li> </ul>							
<p>◎ <b>"Social Practice Course" (compulsory one subject).</b></p> <p>◎ <b>Physical education is a compulsory course of 0 credits for freshmen and sophomores; one course each for the first and second semesters.</b></p>								
<b>( 2 ) A total of 67 credits on professional compulsory subjects</b>								
Calculus (I) (II)	3	3						
General Physics (II)		3						
Experiments on General Physics (I) (II)	1	1						
Programming Languages	3							
Applied Mechanics (I)	2							

<b>( 2 ) A total of 67 credits on professional compulsory subjects (Continue from previous page)</b>	<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>	
Applied Mechanics (II)		3						
Engineering Graphics (I) (II)	1	1						
Machine Shop Practice (I) (II)	1	1						
Engineering Mathematics (I) (II)			3	3				
Mechanics of Materials (I)			3					
Engineering Materials			3					
Thermodynamics (I)			3					
Mechanisms and Kinematics			3					
Circuits and Electronics (I)				3				
Fluid Mechanics (I)				3				
Manufacturing Processes				3				
Materials Testing and Experimental Stress Analysis					1			
Machine Design					3			
Automatic Control (I)					3			
Heat Transfer						3		
Experiments for Thermo-Fluid Science						1		
Opto-Mechatronic Design Practice (I)					3			
Opto-Mechatronic Design Practice (II)						3		

**( 3 ) At least 21 credits on professional elective subjects**

All professional courses offered by the program are listed as professional elective credits (including post-graduate courses offered by the Department of Mechanical Engineering).

**( 4 ) A total 12 credits on free elective courses**

1. International students are required to take the Chinese courses (8 credits) in Center for Language Studies, students with Chinese Proficiency Certificate level B2 or above are exempted.
2. Free elective subjects can take the English-taught professional courses of the belonged program or English-taught courses of other departments.
3. Students from this program take elective courses with the same name as the belonged program or general education center in external departments, which shall not be included in free elective credits and graduation credits.
4. The credits for students who have overtaken the courses of general education could not be included in the calculation of free elective and graduation credits.
5. The credits of elective military training (nursing) courses for the students of the belonged program shall not be included in the calculation of free elective and graduation credits.
6. The credits for students who give up the education courses they have taken or overtake the education courses could be included in the calculation of free elective and graduation credits.
7. The credits of physical education courses for the belonged program are included in the calculation of graduation credits and are listed as free elective credits. Only that a semester is limited to 1 credit each.

★ The social practice course is a compulsory course approved by the school, and all bachelor's students are required to take the social practice course certified by the Social Practice Curriculum Committee, and spend 6 to 10 hours of on-site practice.