

**Curriculum of International Master Program, Spring Semester, 2025**  
**Department of Industrial Engineering and Management, Cheng Shiu University**

<b>School system</b>	Master						
<b>Class</b>	INTENSE Program (English/ Spring Semester)						
<b>Course Meeting</b>	113.09.02			系課程及選課輔導委員會議通過			
	113.09.11			院課程委員會議通過			
	113.09.23			校課程委員會議通過			
	113.09.23			教務會議通過			
<b>The number of credits for graduation / Study period</b>	Master's students need to pass 42 credits at least. (The study period is 1 to 4 years)						
<b>Required course / Elective course</b>	<b>Course credits</b>	<b>Related Legislation / Remark</b>					
<b>Required course</b>	27 credits	Advanced Production and Operations Management/ 3 credits, Thesis/ 6 credits, Seminar/ 0 credit in 2 semesters, Research Methods/ 0 credit, Industrial Internship/ 18 credit.					
<b>Elective course</b>	15 credits	those who do not reach B1 in the Chinese Test should take the Chinese Teaching course.					
<b>Number of credits taken each semester</b>	The maximum of 18 credits each semester. Please do not less than 6 credits each semester in the first academic year.						
<b>Remark</b>	N/A						
<b>1<sup>st</sup> Required Courses</b>							
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Course	M06A01	Seminar (1)	0/2	Required Course	M06A02	Seminar (2)	0/2
Required Course	M06403	Advanced Production and Operations Management	3/3	Required Course	M06A05	Research Methods	0/2
Required Courses	M06A16	Volunteer Services and Social Responsibility (1)	0/1	Required Courses	M06A17	Volunteer Services and Social Responsibility (2)	0/1
<b>2<sup>nd</sup> Required Courses</b>							
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Required Courses	M06A18	Volunteer Services and Social Responsibility (3)	0/1	Required Courses	M06A19	Volunteer Services and Social Responsibility (4)	0/1
				Required Course	M06B03	Thesis	6 Credits
<b>1<sup>st</sup> Language Courses</b>							
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Language		Chinese Teaching (I)	5/10	Language		Chinese Teaching (II)	4/4
<b>2<sup>nd</sup> Language Courses</b>							
Course Type	Course Code	Course Title	Credits/ Hours	Course Type	Course Code	Course Title	Credits/ Hours
Language		Advanced Chinese (1) @ E-Learning	2/2	Language		Advanced Chinese (2) @ E-Learning	2/2

1 <sup>st</sup> Elective Courses							
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Elective Course	M06N15	Manufacturing Management	3/3	Elective Course	M06N08	Advanced Quality Management	3/3
Elective Course	M06N49	Statistical Data Analysis	3/3	Elective Course	M06N56	International Supply Chain management	3/3
Elective Course	M06N19	Six Sigma	3/3	Elective Course	M06N40	Scheduling Theory and Strategy	3/3
Elective Course	M06N43	Automatic Production System	3/3	Elective Course	M06N52	Seminars of Project Management	3/3
Elective Course	M06N28	Performance Evaluation and Management	3/3	Elective Course	M06N62	IoT Application	3/3
Elective Course	M06N71	International Business Management	3/3	Elective Course	M06N41	Data Mining	3/3
Elective Course	M06N75	New Energy Development Trends	3/3	Elective Course	M06N76	Green Energy and Carbon Reduction Technologies	3/3
2 <sup>nd</sup> Internship Courses							
Course Type	Course Code	Course Title	Credits/Hours	Course Type	Course Code	Course Title	Credits/Hours
Required Course	M06A22	Industrial Internship (1)	9/9	Required Course	M06A23	Industrial Internship (2)	9/9
				Elective Course	M06N72	Summer Internship	3/3