

# 國際半導體產業學院 碩士班

111 學年度

最低修業年限	一年
應修學分數	24 學分 (不含語言相關課程之學分)
應修 (應選) 課程及符合畢業資格之修課相關規定	(一)、必修核心課程 6 學分(必修科目一覽表如附件一)，須為本院開授或認定之課程。 (二)、書報討論：至少通過二學期本院開授之書報討論課程。 (三)、學位論文研究：至少通過二學期。 (四)、畢業學分數：至少修滿 24 學分 (含抵免學分) 之研究所課程 (含本院核心課程 6 學分、專業選修 6 學分)，非英文授課不得超過 6 學分。
備註	其他未盡事宜，依據本院「碩士班研究生修業規章」辦理。

## 必修科目一覽表

班組別	選課	必修科目
碩士班	4 選 2	1. 半導體物理及元件 (一) 2. 半導體製程 3. 數位積體電路 4. 類比積體電路

## Master Degree of International College of Semiconductor Technology Academic Year 2022

Minimum length of schooling	One year
Required credits	24 credits (Does not include language-related courses)
Course requirements and graduation relevant provisions	1. Required core course: 6 credits (as listed in attachment), must consist of core courses offered or approved by International College of Semiconductor Technology. 2. Seminars shall be passed for at least two semesters. 3. Academic Dissertation Research: to be taken in two semesters. 4. Graduation credits requirement: At least 24 credits, including minimal 12 credits from the required core courses and elective courses offered by ICST, but course not taught in English shall not exceed 6 credits.
Remarks	1. Anything which is not being noted in this document shall be coped with in accordance with the "Regulations of Master Program" of the College. 2. The Chinese version of the document shall prevail in case of any discrepancy or inconsistency between Chinese version and its English translation.

## Required Courses List

Group	Mode	Required Courses
Master	Two of Four	Semiconductor Physics and Devices (I), Semiconductor Processings, Digital Integrated Circuits, Analog Integrated Circuits.

# 國際半導體產業學院 博士班

111 學年度

最低修業年限	二年
應修學分數	18 學分 (不含語言相關課程之學分)
直升博士生 應修學分數	30 學分 (不含語言相關課程之學分)
應修 (應選) 課程及 符合畢業資格之修課 相關規定	(一)、必修核心課程 6 學分 (必修科目一覽表如附件一)，須為本院開授或認定之課程。 (二)、書報討論：至少通過四學期本院開授之書報討論課程。 (三)、畢業學分數：至少修滿 18 學分 (含抵免學分) 之研究所課程 (含本院核心課程 6 學分、專業選修 3 學分)，非英文授課不得超過 3 學分。 碩士班及學士班畢業逕讀博士學位者，至少修滿 30 學分 (含抵免學分) 之研究所課程 (含本院核心課程 6 學分、專業選修 3 學分)，非英文授課不得超過 9 學分。
備註	其他未盡事宜，依據本院「博士班研究生修業規章」辦理。

## 必修科目一覽表

班組別	選課	必修科目
博士班 學術研發組 產學研究組	4 選 2	1. 半導體物理及元件 (一) 2. 半導體製程 3. 數位積體電路 4. 類比積體電路

## PhD Degree of International College of Semiconductor Technology

Academic Year 2022

Minimum length of schooling	Two years
Required credits	18 credits (Does not include language-related courses)
Required credits of concurrent degree program – master and PhD	30 credits (Does not include language-related courses)
Course Requirements and Graduation relevant provisions	<ol style="list-style-type: none"> <li>1. Required core course: 6 credits (as listed in attachment), must consist of core courses offered or approved by International College of Semiconductor Technology.</li> <li>2. Seminars shall be passed for at least four semesters.</li> <li>3. Graduation credits: At least 18 credits, including minimal 9 credits from the required core courses and elective courses offered by ICST. Courses not taught in English shall not exceed 3 credits. For a Student in direct pursuit of a doctoral degree, the minimum is 30 credits (inclusive of credits waived for courses completed in undergraduate and graduate programs of which includes minimal 9 credits from the required core courses and elective courses offered by ICST), of which courses not taught in English shall not exceed 9 credits for the students in direct pursuit of a doctoral degree from the College (inclusive of waived credits).</li> </ol>

Remarks	<ol style="list-style-type: none"> <li>1. Anything which is not being noted in this document shall be coped with in accordance with the "Regulations of Doctoral Program" of the College.</li> <li>2. The Chinese version of the document shall prevail in case of any discrepancy or inconsistency between Chinese version and its English translation.</li> </ol>
---------	---

## Required Courses List

Group	Mode	Required Courses
PhD Program of Research and Development Program of Industry-Academy Cooperation	Two of Four	Semiconductor Physics and Devices (I), Semiconductor Processings, Digital Integrated Circuits, Analog Integrated Circuits.