

# 電控工程研究所碩士班

107 學年度

最低修業年限	一年
應修學分數	24 學分(不含論文研討及學位論文研究學分)
應修(應選)課程及符合畢業資格之修課相關規定	<ol style="list-style-type: none"> <li>1. 核心課程： 線性系統理論、數位訊號處理、影像處理、嵌入式作業系統</li> <li>2. 畢業學分除上列核心課程 6 學分外，須另外修本所課程至少 9 學分，共計修本所課程至少 15 學分。</li> <li>3. 碩一至碩二每學期必修論文研討及學位論文研究。</li> </ol>
備註	

## Master Degree of Institute of Electrical Control Engineering

Academic Year 107

Minimum length of schooling	1 year
Required credits	24 credits (Does not include Seminar and Academic Dissertation Research courses)
Course requirements and graduation relevant provisions	<ol style="list-style-type: none"> <li>1. Core Curriculum : Linear Systems Theory、Digital Signal Processing、Image Processing、Embedded Operating System.</li> <li>2. 15 credits must consist of 6 credits in Core Curriculum and the other courses offered by ICE Department.</li> <li>3. Seminar and Academic Dissertation Research courses are required in each semester of first and second year.</li> </ol>
Remarks	

# 電控工程研究所博士班

107 學年度

最低修業年限	二年
應修學分數	24 學分(不含論文研討及學位論文研究學分)
直升博士生 應修學分數	36 學分
應修（應選）課程及 符合畢業資格之修課 相關規定	<p>1.核心課程：線性系統理論、數位訊號處理、電力電子、感測與智慧系統、超大型積體電路系統設計、類比積體電路設計、影像處理。</p> <p>2.畢業學分包含上列核心課程 6 學分外，須另修本所開設課程至少 6 學分。</p> <p>3.博一至博三每學期必修論文研討 1 學分(共 6 學分)。</p> <p>4.畢業前必須選修學位論文研究 6 學期(共 6 學分)且選修通過。</p>
備註	

## PhD Degree of Institute of Electrical Control Engineering

Academic Year 107

Minimum length of schooling	2 year
Required credits	24 credits (Does not include Seminar and Academic Dissertation Research courses)
Required credits of concurrent degree program – master and PhD	36 credits
Course Requirements and Graduation relevant provisions	<p>1. Core curriculum : Linear System Theory, Digital Signal Processing, Power Electronics, Sensing and Intelligent Systems, VLSI System Design and Applications, Analog IC Design, Image Processing.</p> <p>2. In addition to the core curriculums (6 credits) above, the graduation credits contain at least the other 6 credits from the curriculums in our institute.</p> <p>3. In the first three years of PhD, student must earn 1 credit from the colloquium every semester (6 credits in total)</p> <p>4. Before graduating, student must take the course of Academic Dissertation Research in six semesters and pass it (6 credits in total)</p>
Remarks	