

# 材料科學與工程學系奈米科技碩士班

111 學年度

最低修業年限	一年
應修學分數	24 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. 本系研究生畢業前須修滿<u>二十四學分</u>（不含論文及書報討論學分）；其中至少包括在 本系修讀的<u>十五學分</u>。不足學分可選修其他理、工、電機、資訊、生物科技、光電、國際半導體產業學院相關課程，但需經指導教授同意。</li> <li>2. 下列課程為本班<u>基礎核心課程</u>：「表面科學及工程」、「奈米科技導論」、「奈米材料簡介」、「近代物理」、「固態熱力學」、「表面分析技術」共六門。本班研究生畢業前至少需選修其中二門。</li> <li>3. 書報討論為碩士班一年級每學期之必選課程，至少修滿二學期並達及格標準，境外學生修讀雙聯學位得免修書報討論課程。。</li> </ol>
備註	其他未盡事宜，依據本系「碩士班研究生修業規章」辦理。

## Graduate Program for Nanotechnology Department of Materials Science and Engineering(Master)

Academic Year 2022

Minimum Term of Study	one Year
Minimum Credits	24 Credits
Curriculum and Regulations	<ol style="list-style-type: none"> <li>1. Master's students shall take at least twenty-four (24) credits before graduation (exclusive of thesis and seminars), which should include eighteen (15) credits taken in the Department. Subject to the advisor's consent, in case of insufficient credits, students may take courses offered by College of Science, College of Engineering, College of Electronic Engineering, College of Biological Science and Technology.</li> <li>2. There are five fundamental courses of the Department listed as follows: “Surface Science and Engineering”, “Introduction to Nanotechnology”, “Introduction to Nanostructure Materials”, “Modern Physics”, “Thermodynamics of Solid”, “Surface Analysis Techniques” from which graduate students are required to take at least two courses.</li> <li>3. All first-year master's students are required to take seminars each semester, for at least up to two (2) semesters and satisfy the relevant passing criteria. Foreign students who read for the dual-degree program are waived from the seminars.</li> </ol>
Notes	Please refer to the " Graduate Program for Nanotechnology Department of Materials Science and Engineering Master's Program Academic Regulations ".