

**Ph.D. Requirements in the Department of Materials Science and Engineering  
at National Cheng Kung University**

**Direct Admission to Doctoral Program from Master's Program**

Admission year	Credits	Required Courses	Elective Courses	Dissertation	Other Requirements
Ph.D. students who enroll after the academic year of 2014 (included)	63	4	47	12	Regulations for admission in the same academic year

**Doctoral Program**

Admission year	Credits	Required Courses	Elective Courses	Dissertation	Other Requirements
Ph.D. students who enroll after the academic year of 2012 (included)	37	4 Seminar(I) 1 Seminar(II) 1 Seminar(III) 1 Seminar(IV) 1	21	12	<p>1. Ph.D. Students must complete “Solid State Thermodynamics”, “Advanced Characterization of Materials”, “Kinetics of Materials” within 3 years after admission otherwise he/she will be suspended. Students whose class ranking of top 70% have no need to take the qualification examination.</p> <p>博士班學生須在入學後三年內修習『固態熱力學』、『高等材料分析』及『材料動力學』等三科核心課程，且學期成績皆分別達全班前 70%以內可據以抵免本系博士班學能資格考試，否則予以退學。(101.10.15 系務會議)</p> <p>2. Foreign Language Proficiency Requirements :</p> <p>(1) Achieving GEPT Intermediate Level</p> <p>(2) Achieving 60 on the TOEFL iBT or 193 on the TOEFL CBT (TOEFL PBT 523)</p> <p>(3) Achieving 5 or higher on the IELTS</p> <p>(4) Achieving 700 or higher on the TOEIC</p>

					<p>英文能力畢業門檻：(100.9.22 系務會議 )</p> <p>(1) GEPT全民英語能力分級檢定中級複試。</p> <p>(2) TOEFL IBT 60分CBT 電腦托福193分(含)以上(約同舊制托福 523分)。</p> <p>(3) IELTS 國際英語測試5.0級(含)以上。</p> <p>(4) TOEIC多益測驗700分(含)以上。</p> <p>3. Ph.D. students are required to publish at least 2 papers related to doctoral dissertation in well-known academic journals recognized by the department.</p> <p>必須已在本系認可之著名學術期刊發表(含已被接受)與博士論文相關之著作至少兩篇。(98.12.21 系務會議博士論文初審辦法)</p>
Ph.D. students who enroll after the academic year of 2016 (included)	37	4 Seminar(I) 1 Seminar(II) 1 Seminar(III) 1 Seminar(IV) 1	21	12	<p>1. Ph.D. Students must complete “Solid State Thermodynamics”, “Advanced Characterization of Materials”, “Kinetics of Materials” within 3 years after admission otherwise he/she will be dismissed. Students whose class ranking of top 70% have no need to take the qualification examination.</p> <p>博士班學生須在入學後三年內修習『固態熱力學』、『高等材料分析』及『材料動力學』等三科核心課程，且學期成績皆分別達全班前 70%以內可據以抵免本系博士班學能資格考試，否則予以退學(101.10.15 系務會議)。</p> <p>2. Foreign Language Proficiency Requirements :</p> <p>(1) Achieving GEPT Intermediate Level</p> <p>(2) Achieving 69 on the TOEFL iBT or 193 on the TOEFL CBT (TOEFL PBT 523)</p> <p>(3) Achieving 5 or higher on the IELTS</p>

					<p>(4) Achieving 700 or higher on the TOEIC or publish 1 additional papers in academic journals.</p> <p>英文能力畢業門檻：(105.4.11 系務會議)可選擇下列任一種方式通過英文能力鑑定</p> <p>(1) GEPT全民英語能力分級檢定中級通過</p> <p>(2) TOEFL IBT 60分或CBT電腦托福193分以上(約同舊制托福523分)</p> <p>(3) IELTS 國際英語測試5.0級以上</p> <p>(4) TOEIC 多益測驗700分以上)或提出3篇論文(原2篇規定再增加1篇)。</p> <p>3. Ph.D. students are required to publish at least 2 papers related to doctoral dissertation in well-known academic journals recognized by the department.</p> <p>必須已在本系認可之著名學術期刊發表(含已被接受)與博士論文相關之著作至少兩篇。(98.12.21 系務會議博士論文初審辦法)</p>
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