

Institute of Technology Management 2011 School Year PhD Program Graduation Requirement Checklist

項 目 Items	備註 Notes
一、修業年限： 1.最低修業年限：2年 2.最高修業年限：7年（不包括休學年限2年）  Limits on Period of Study： 1. Minimum: 2 years 2. Maximum: 7 years (not including maximum 2 years suspension)	在職生得延長修業年限一年 Part-Time student may extend for one more year.
二、應修最低畢業總學分一般生共 <u>36</u> 學分、碩士直升博士生共 <u>48</u> 學分 包括下列兩項： 1. 學 科（必、選修）： 一般生：科技組：必修最低 <u>6</u> 學分、選修最低 <u>18</u> 學分 電商組：必修最低 <u>9</u> 學分、選修最低 <u>15</u> 學分 碩士直升博士生：科技組：必修最低 <u>6</u> 學分、選修最低 <u>30</u> 學分 電商組：必修最低 <u>9</u> 學分、選修最低 <u>27</u> 學分 2. 畢業論文： <u>12</u> 學分  Minimum graduation credits for regular student: <u>36</u> credits, for MBA/PhD student: <u>48</u> credits, including: 1. Courses (Core course, non-core course) Regular student: TM: Core Courses: 6 credits、Non-Core Course: 18 credits EC: Core Courses: 9 credits、Non-Core: 15 credits MBA/Ph.D. student: TM: Core Courses: 6 credits、Non-Core Course: 30 credits EC: Core Courses: 9 credits、Non-Core: 27 credits 2. Dissertation: 12 credits	研究生學業及操行成績均以 70 分為及格。操行成績不及格者，予以退學。學業平均成績佔畢業成績 50%。 Passing grade for academic grade and conduct grade are both 70. The student who fails the conduct grade will be disenrolled from school. Academic grade occupies 50% of Graduation grade. 碩士直升博士生，其在碩士班已修科目最多採認 12 學分。學士直升博士生，最多抵免博士班畢業學分數之一半(不含畢業論文)。  For MBA/Ph.D. student, the maximum 12 credits earned in the MBA program can be transferred to the credits required by the Ph.D. program. The credits to be transferred to the Ph.D. program should not exceed half of the credits required by the Ph.D. program (not including thesis credits).  ※必修+選修+畢業論文=最低畢業總學分 Core course credits + Non-core course credits + Thesis credits = total required graduation credits
三、抵免學分：最高 <u>12</u> 學分 Credit transfer：Maximum <u>12</u> credits	依本校抵免學分辦法，並應於入學當學期加退選課程截止日期前申請抵免。 The application for credit transfer should be done before the deadline for Adding and Dropping Course.
四、選修大學部相關課程計入研究所畢業學分 Undergraduate credit	本校學生選課辦法規定：研究生因課業需要，除本系（所）基本應修學分外，經本系（所）主任（所長）與指導教授及開設課程學系主任之同意，報經教務長核可後，得選修大學部相關課程，並於修習通過後計入畢業學分，但以三學分為限。 Student who needs to take any course offered in undergraduate program should obtain approval from institute chair, advisor, and department chair of the offered course, and also Dean of Academic Affairs. The maximum allowed credits from undergraduate program is 3 credits.
五、承認外系（所）學分：最多 <u>6</u> 學分 Credits from other departments or institutes: Maximum 6 credits	含校際選課學分 Including credits obtained from other universities.
六、必修科目及學分數：科技組共 <u>18</u> 學分、電商組：共 <u>21</u> 學分  Core course and credits: TM: 18 credits, EC: 21 credits.	

<p><b>科技組 (甲組)：必修共 18 學分</b></p> <table border="1"> <thead> <tr> <th>No</th> <th>科目名稱</th> <th>學分數</th> </tr> </thead> <tbody> <tr> <td>*1</td> <td>社會科學進階研究方法</td> <td>3</td> </tr> <tr> <td>*2</td> <td>數量方法</td> <td>3</td> </tr> <tr> <td colspan="3">*表示 科技組，二科必修至少選一科之課程</td> </tr> <tr> <td>3</td> <td>科技化策略與經營模式</td> <td>3</td> </tr> <tr> <td>4</td> <td>科技管理專題研討(一)</td> <td>0</td> </tr> <tr> <td>5</td> <td>科技管理專題研討(二)</td> <td>0</td> </tr> <tr> <td>6</td> <td>科技管理專題研討(三)</td> <td>0</td> </tr> <tr> <td>7</td> <td>科技管理專題研討(四)</td> <td>0</td> </tr> <tr> <td>8</td> <td>畢業論文</td> <td>12</td> </tr> </tbody> </table> <p><b>Technology Management: core course 18 credits</b></p> <table border="1"> <thead> <tr> <th>No</th> <th>Courses</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>*1</td> <td>Advanced Research Methods for Social Science</td> <td>3</td> </tr> <tr> <td>*2</td> <td>Quantitative Methods</td> <td>3</td> </tr> <tr> <td colspan="3">*For Technology Management student, choose at least one course.</td> </tr> <tr> <td>3</td> <td>Technology Strategy and Business Models</td> <td>3</td> </tr> <tr> <td>4</td> <td>Special Topics of Technology Management (I)</td> <td>0</td> </tr> <tr> <td>5</td> <td>Special Topics of Technology Management (II)</td> <td>0</td> </tr> <tr> <td>6</td> <td>Special Topics of Technology Management (III)</td> <td>0</td> </tr> <tr> <td>7</td> <td>Special Topics of Technology Management (IV)</td> <td>0</td> </tr> <tr> <td>8</td> <td>Dissertation</td> <td>12</td> </tr> </tbody> </table> <p><b>電商組(乙組)：必修共 21 學分</b></p> <table border="1"> <thead> <tr> <th>No</th> <th>科目名稱</th> <th>學分數</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>電子商務理論與應用</td> <td>3</td> </tr> <tr> <td>2</td> <td>科技化策略與經營模式</td> <td>3</td> </tr> <tr> <td>3</td> <td>高階電子化企業研究</td> <td>3</td> </tr> <tr> <td>4</td> <td>科技管理專題研討(一)</td> <td>0</td> </tr> <tr> <td>5</td> <td>科技管理專題研討(二)</td> <td>0</td> </tr> <tr> <td>6</td> <td>科技管理專題研討(三)</td> <td>0</td> </tr> <tr> <td>7</td> <td>科技管理專題研討(四)</td> <td>0</td> </tr> <tr> <td>8</td> <td>畢業論文</td> <td>12</td> </tr> </tbody> </table> <p><b>E-Commerce: core course 21 credits</b></p> <table border="1"> <thead> <tr> <th>No</th> <th>Courses</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electronic Commerce Theory and Applications</td> <td>3</td> </tr> <tr> <td>2</td> <td>Technology Strategy and Business Models</td> <td>3</td> </tr> <tr> <td>3</td> <td>Advanced Research Topics in E-Business</td> <td>3</td> </tr> <tr> <td>4</td> <td>Special Topics of Technology Management (I)</td> <td>0</td> </tr> <tr> <td>5</td> <td>Special Topics of Technology Management (II)</td> <td>0</td> </tr> <tr> <td>6</td> <td>Special Topics of Technology Management (III)</td> <td>0</td> </tr> <tr> <td>7</td> <td>Special Topics of Technology Management (IV)</td> <td>0</td> </tr> <tr> <td>8</td> <td>Dissertation</td> <td>12</td> </tr> </tbody> </table>	No	科目名稱	學分數	*1	社會科學進階研究方法	3	*2	數量方法	3	*表示 科技組，二科必修至少選一科之課程			3	科技化策略與經營模式	3	4	科技管理專題研討(一)	0	5	科技管理專題研討(二)	0	6	科技管理專題研討(三)	0	7	科技管理專題研討(四)	0	8	畢業論文	12	No	Courses	Credits	*1	Advanced Research Methods for Social Science	3	*2	Quantitative Methods	3	*For Technology Management student, choose at least one course.			3	Technology Strategy and Business Models	3	4	Special Topics of Technology Management (I)	0	5	Special Topics of Technology Management (II)	0	6	Special Topics of Technology Management (III)	0	7	Special Topics of Technology Management (IV)	0	8	Dissertation	12	No	科目名稱	學分數	1	電子商務理論與應用	3	2	科技化策略與經營模式	3	3	高階電子化企業研究	3	4	科技管理專題研討(一)	0	5	科技管理專題研討(二)	0	6	科技管理專題研討(三)	0	7	科技管理專題研討(四)	0	8	畢業論文	12	No	Courses	Credits	1	Electronic Commerce Theory and Applications	3	2	Technology Strategy and Business Models	3	3	Advanced Research Topics in E-Business	3	4	Special Topics of Technology Management (I)	0	5	Special Topics of Technology Management (II)	0	6	Special Topics of Technology Management (III)	0	7	Special Topics of Technology Management (IV)	0	8	Dissertation	12	<p>必修科目不及格應予重修，必修科目未修滿不得畢業。</p> <p>The student who fails the core course shall retake the core course. Student is not allowed to graduate if the required core courses are not completed.</p>
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<p>七、系(所)指定應補修基礎科目(不計入畢業學分)：共_____學分 Prerequisite Course (not included in graduation units)：total_____Units 1. 2.</p>																																																																																																																			
<p>八、博士班研究生考核： 博士班研究生於入學後第一學年結束前，應經系(所)主任之同意商請指導教授。 Ph.D. Degree Examination (Thesis Examination)： The Ph.D. students shall choose a faculty member of the institute as thesis advisor and get approved by ITM Chair before the end of the first school year..</p>	<p>未於規定期限內商請指導教授者，勒令休學一學期。 The student who fails to choose an advisor before the above deadline will be suspended for one semester.</p>																																																																																																																		

<p>九、博士候選人資格考核：</p> <ol style="list-style-type: none"> <li>1. 博士班研究生完成研究計畫書之撰寫，且取得指導教授之同意，得申請論文計畫書 proposal。</li> <li>2. 論文計畫書 proposal 以口試審查行之，口試委員以符合教育部資格之助理教授（含）以上之教師為限，惟到場口試委員不得少於五位，其中校外口試委員需達三分之一以上。</li> <li>3. 博士班研究生修畢畢業學分、通過學科考試及論文計畫書 (proposal) 口試，得提出『博士候選人資格考核』之申請，經所務會議審核通過後，由所長向教務處提出為博士候選人。</li> </ol> <p><b>Ph. D. candidacy</b></p> <ol style="list-style-type: none"> <li>1. The Ph. D. student should complete the research proposal draft and get approval from thesis advisor before applying for research proposal examination.</li> <li>2. Research proposal examination is based on an oral test. The oral test committee members must be assistant professor (or above) certified by Ministry of Education. The number of committee members attending the oral test must be at least five persons, and one third of the committee members must be from other universities.</li> <li>3. After completion of all required credits, the Ph. D. subject examination and research proposal oral test The Ph.D. student is allowed to apply for an evaluation of student's qualification for Ph. D. candidacy. After being evaluated and approved by ITM institute affairs committee, student's Ph. D. candidacy will be reported to Office of Academic Affairs by ITM chair.</li> </ol>	<p>博士候選人資格考核不合格者，不得提出論文考試，經重考一次仍不合格者，予以退學。</p> <p>The student who fails the Ph.D. candidacy evaluation is not allowed to apply for the Ph.D. Degree Examination. The student who fails the second Ph.D. candidacy evaluation will be disenrolled from school.</p>
<p>十、博士學位考試（論文考試）： 通過博士候選人資格考核，並完成研究論文初稿者得於當學期完成註冊選課後，於預定舉行論文考試日期至少二十天前提出論文考試申請。論文考試成績以 70 分為及格。</p> <p><b>Ph. D. Degree Examination (thesis examination)</b> The student who has obtained Ph.D. candidacy, finished the draft of Ph.D. thesis and also registered in that semester, can apply for the Ph. D. Degree Examination in that semester and at least 20 days before the date scheduled for the examination. The passing grade is 70.</p>	<p>論文考試成績佔畢業成績 50%。 論文不及格而修業年限未屆滿者，得於次學年或次學期申請重考一次，重考仍不及格者，予以退學。重考及格者之成績，概以 70 分計算。 The Ph. D. Degree Examination occupies 50% of graduation grade. The student who fails the Ph. D. Degree Examination can retake the examination in the next semester or next school year if the maximum period of study has not been reached. The passing grade for the retaken examination is 70.</p>
<p>十一、其 他：</p> <ol style="list-style-type: none"> <li>1. 研究生英語能力畢業標準：本所未定</li> <li>2. 博士生修業相關規定，請參閱本所「博士班研究生修業辦法」。</li> </ol> <p>Other:</p> <ol style="list-style-type: none"> <li>1. English proficiency standard : n/a</li> <li>2. Other related regulations are available in <i>Regulations on Academic Studies for Ph. D. Students</i>.</li> </ol>	<p>依「國立中興大學學生英文能力畢業標準檢定辦法」第 2 條規定，授權系所自訂研究生英語能力畢業標準。(98.3.26 第 57 次教務會議訂定) According to article 2 of NCHU English Proficiency Requirement for Students, the English Proficiency Requirement is decided by each institute. (amended by NCHU Academic Affairs Meeting on Mar. 26, 2009)</p>

※ 必修科目及畢業學分數規定，由系所依各學年課程規劃表填列。

※ 相關章程規定查詢網址：<http://www.nchu.edu.tw/~indodep/chinese/rule.htm>

※ 英文翻譯若有爭議以中文解釋為準

※ Core course and Credit Requirement are based on curriculum plan of the Institute?

※ For more information about relevant regulations: <http://www.nchu.edu.tw/~indodep/chinese/rule.htm>

※ In case of discrepancy between the Chinese version of terms & rules and its English translation, the Chinese version shall prevail.

系承辦人：陳美莉

系主任(所長)簽章：張樹之

105 年 1 月 25 日

Office TA: Mei-Li Chen

Institute Chair : Ernest Chang

Jan. 25, 2016