

**中原大學環境工程學系
碩士班畢業條件檢核表
CYCU BEE**

**Checklist for Master Graduation Requirements
(Applicable to first three student No. is 109)**

Date of Filling: (MM)/(DD)/(YYYY) Student No. : _____ Name: _____

	項目 Item	條件、說明 Condition & Instructions	狀態 Checking										
1	選課確認 Confirmation of Class Selection	1. 本條件設定目的：學生須與指導教授討論選課。 The purpose for this condition is for that students MUST discuss their course selections with their advisors. 2. 承上，學生須於本校選課完全結束後的一週內繳交當學期修課清單給系助理留存。 So the students need to submit the List of Current Semester Course Selections (signed by the advisor) to Ms. Wang within one week of the end of the course selection process at CYCU. 3. 列印注意事項：只能用電腦或筆電；推薦用 CHROME。 Print Notes: <ul style="list-style-type: none"> ● Use Computer/Laptop ONLY. ● Recommended Use GOOGLE CHROME. 4. Print Path: CYCU Course Selection System > Right-click and select Translate to English > Homework Sheet > Download as Excel > Print the file.	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet										
2	研究生通識 Graduate General Education Course	1. 至少 2 學分。 At least 2 credits. 2. 中英文版搜尋路徑不同，中文版為：中原大學開課查詢系統 > 通識課程 > 研究生通識。 Search Path: CYCU Course Information > General Education > GE for Graduate Students	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet										
3	學系必修 及 學系必選 BEE Core Course & Elective Core Course	1. 關於書報討論，凡在學學生皆須修習，至多修滿 4 學期即可。每學期應修的課名不同，請參照下表。外籍生只能修習英語授課的書報討論。 About the seminar course: All current students need to take it but a maximum of four semesters of study is sufficient. Refer to the following table to select the correct course. <table border="1" data-bbox="512 1592 1219 1688"> <thead> <tr> <th>Semester you are</th> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> </tr> </thead> <tbody> <tr> <td>Course Name</td> <td>Seminar(I)</td> <td>Seminar(II)</td> <td>Seminar(III)</td> <td>Seminar(IV)</td> </tr> </tbody> </table> ※ International Students can only take the seminar course taught in English. 2. 課程不見得會自動加選，請自行留意。 The courses may not be added for you automatically. Pay attention by yourself! 3. 科目表請參照本表附件一。如有異動，依中原大學應修科目表為準。 Refer to Annex I of this form for the subject list. If there is any change, refer to the CYCU Core Course List Website shall prevail.	Semester you are	1 st	2 nd	3 rd	4 th	Course Name	Seminar(I)	Seminar(II)	Seminar(III)	Seminar(IV)	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet
Semester you are	1 st	2 nd	3 rd	4 th									
Course Name	Seminar(I)	Seminar(II)	Seminar(III)	Seminar(IV)									

	項目 Item	條件、說明 Condition & Instructions	狀態 Checking														
4	學系選修 BEE Elective Course	1. 至少 24 學分。 At least 24 credits. 2. 科目表請參照本表附件一。如有異動，依中原大學應修科目表為準。 Refer to Annex I of this form for the subject list. If there is any change, refer to the CYCU Core Course List Website shall prevail.	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet														
5	核心課程 Capstone Course	1. 至少 5 門。 At least 5 courses. 2. 認列課程如下： Recognized course: <table border="1" data-bbox="515 680 1139 1211"> <tbody> <tr><td>1</td><td>Environmental Biological Process</td></tr> <tr><td>2</td><td>Water Pollution Diffusion Simulation</td></tr> <tr><td>3</td><td>Integration of Energy and Resource Technologies</td></tr> <tr><td>4</td><td>Physicochemical Treatment Processes in Environmental Engineering</td></tr> <tr><td>5</td><td>Air Pollution and Environmental Health Risk</td></tr> <tr><td>6</td><td>Project Management</td></tr> <tr><td>7 (Choose one)</td><td>Case Research and Analysis Case Research and Analysis(I) Case Research and Analysis(II) Case Research and Analysis(III) Case Research and Analysis(IV)</td></tr> </tbody> </table> 3. 備註：即便未來上表課程修正，學生也不受影響。學生亦可照著更新的核心課程表修課。 Remark: <ul style="list-style-type: none"> In the future, if the table above is modified, you won't be effected. You can use newer capstone course list also. (like for the student whose first three student No. is 110, 111 and 112 etc.) 	1	Environmental Biological Process	2	Water Pollution Diffusion Simulation	3	Integration of Energy and Resource Technologies	4	Physicochemical Treatment Processes in Environmental Engineering	5	Air Pollution and Environmental Health Risk	6	Project Management	7 (Choose one)	Case Research and Analysis Case Research and Analysis(I) Case Research and Analysis(II) Case Research and Analysis(III) Case Research and Analysis(IV)	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet
1	Environmental Biological Process																
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6	畢業總學分 Total Credits for Graduation	<u>綠底欄位</u> 加總至少 36 學分。 <u>Green columns</u> add up to at least 36 credits.	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet														
7	華語能力 Chinese Proficiency	外籍生需要選擇 1 項達成： All international students need to choose one to achieve before graduate: <ul style="list-style-type: none"> 參加本校自辦的聽力及閱讀考試，各項至少 60 分。免費，但一學期只辦一次。 Take CYCU Chinese listening and reading test, each score more than 60. It's free but only be held once per semester. 修過本校促進中文能力課程至少 4 門且通過 TOCFL 聽力及閱讀考試至少第 2 級。這個考試要自己付錢，但會有證書。 Take at least 4 CYCU courses about improving Chinese ability and pass at least Lv2 of TOCFL listening and 	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet														

	項目 Item	條件、說明 Condition & Instructions	狀態 Checking
		<p>reading test.</p> <p>You need to pay for the test but a certificate will be issued after you pass.</p>	
8	研究計畫書 Research Proposal	<ol style="list-style-type: none"> 1. 預定畢業前一學期要交。 Students in the semester prior to graduation are expected to turn in. E.g. If you want to graduate in Fall 2021, you need to submit the required documents before “Classes Start Day” on Spring 2021. 2. 依中原大學行事曆為準，開學日當天下午5點前要完成以下事項： According to CYCU calendar, before 17 pm on “Classes Start Day”: <ul style="list-style-type: none"> ● Fill in the form, go to your mail box and print the reply slip signed by your advisor then submit it to Ms. Julia. ● Upload the PDF file (minimum 5 pages) of your research proposal written in the Dept. of BEE prescribed format. 3. 沒有如時畢業的學生就要再重跑一次這些流程。 If you don't graduate in the next semester, you need to do the above things again in the semester prior to graduation! 	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet
9	論文前三章 The first three chapters of the THESIS	<ol style="list-style-type: none"> 1. 預定畢業的當學期要交。 Students who are expected to graduate this semester must submit. E.g. If you want to graduate in Fall 2021, you need to submit the required documents before “Classes Start Day” on Fall 2021. 2. 依中原大學行事曆為準，開學日當天下午5點前要完成以下事項： According to CYCU calendar, before 17 pm on “Classes Start Day”: 3. Fill in the form, go to your mail box and print the reply slip signed by your advisor then submit it to Ms. Julia. 4. Upload the PDF file (minimum 30 pages) of the first three chapters of your thesis written in the Dept. of BEE prescribed. 5. 沒有如時畢業的學生就要再重跑一次這些流程。 If you don't graduate in the current semester, you need to do the above things again before the semester you will graduate! 	<input type="checkbox"/> Pass <input type="checkbox"/> Not yet

中原大學環境工程學系
碩士班畢業學分檢核科目表
CYCU BEE
Master's Program Subject List
(Applicable to first three student No. is 109)

1. If there is any change, refer to the [CYCU Core Course List Website](#) & [CYCU Course Information Website](#) shall prevail.
2. Pay attention by yourself if you're Early Admission student or Delayed Admission student.

	碩一上 1 st Semester	碩一下 2 nd Semester	碩二上 3 rd Semester	碩二下 4 th Semester
必修 Core Course	Seminar(I) (1)	Seminar(II) (1)	Thesis (3)	Thesis (3)
必選 Elective Core Course			Seminar(III) (1)	Seminar(IV) (1)
選修 Elective Course	Special Topics on Environmental Research (I) (2)	Special Topics on Environmental Research (II) (2)	Special Topics on Environmental Research (III) (2)	Special Topics on Environmental Research (IV) (2)
	Case Research and Analysis(I) (3)	Case Research and Analysis(II) (3)	Case Research and Analysis(III) (3)	Case Research and Analysis(IV) (3)
	Environmental Engineering in the future(I) (1)	Environmental Engineering in the future(II) (1)	Environmental Engineering in the future(III) (1)	Environmental Engineering in the future(IV) (1)
	Environmental field study(I) (1)	Environmental field study(II) (1)	Environmental field study(III) (1)	Environmental field study(IV) (1)
	英文科技論文寫作 English Technical Papers Writing (2)	Hazardous Waste Treatment and Waste Reuse (3)	Special topics in Occupational Safety and Health (3)	Toxic Substances Management (3)
	Business Sustainable Practice (3)	Emergency Response for Environmental Disaster (3)	Project Management (3)	Environmental Biological Process (3)
	Water Pollution Diffusion Simulation (2)	Environmental Technology & Sustainable Development (2)		
	Groundwater pollution diffusion simulation (2)	ISO 14001 and OHSAS 18001 Environmental, Occupational Health and Safety Managemen (3)		
	Environmental Sampling and Analysis (3)	Air Quality Management (3)		
	An Overview of Renewable Energy Technologies (3)	Physicochemical Treatment Processes in Environmental Engineering (3)		
	Soil and Groundwater Remediation: Case Studies (3)	Environmental Policy (3)		
	The History of Global Environmental Engineering (2)			
	Waste Management (3)			