

永續科學與工程學士學位學程必修科目替代課程對照表

Alternative Course Suggestions

110 年 01 月 12 日永續科學與工程學士學位學程系課程委員會通過

公告日期：January 15, 2021

105-107 Year Course 105 至 107 學年度適用必修科目			108 Alternative Course 替代課程	
	Subject 科目	Credit 學分	Subject 科目	Credit 學分
1	[91055] / <i>Sophomore</i> GL: International Political, Social, and Economics Policy	3	[91101] / <i>Sophomore</i> GL: Logical Thinking and Basic Programming	3
2	[92005] / <i>Freshman</i> Introduction to Sustainability Science and Engineering	3	[92046] / <i>Freshman</i> Introduction to Sustainability	3
3	[92006] / <i>Freshman</i> Material and Energy Balance	3	[92076] / <i>Sophomore above</i> Applied Chemistry	3
4	[92004] / <i>Sophomore</i> Ecology	3	[92044] / <i>Freshman</i> Biology and Ecology	3
5	[92043] / <i>Sophomore</i> Principles of Unit Operations in Chemical Engineering	3	[92051] / <i>Sophomore</i> Principles of Engineering	3
6	[92010] / <i>Sophomore</i> Pollution Prevention and Control	3	[92050] / <i>Sophomore</i> Circular Economy or [27187] / <i>Junior above</i> Soil and Groundwater Pollution and Remediation <i>*環工系課程/Chinese taught/土壤與地下水污染整治概論</i>	3
7	[92011] / <i>Sophomore</i> Green Chemistry and Cleaner Production	3	[92050] / <i>Sophomore</i> Circular Economy or [22021] / <i>Junior above</i> Industrial Chemistry <i>*化學系課程/ Chinese taught/工業化學</i> + [92045 / 92047 / 92048 / 92052 / 92054 / 92055] Project (choose one)	3 2 + 1
8	[92012] / <i>Sophomore</i> Renewable Energy Process Design	3	[92025] / <i>Sophomore above</i> Introduction to Green Energy + [92045 / 92047 / 92048 / 92052 / 92054 / 92055] Project (choose one)	2 + 1