

# 永續化學科技國際研究生博士學位學程

107 學年度

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| 最低修業年限                 | 三年   |
| 具碩士學位博士生應修學分數          | 20 學分  |
| 應修(應選)課程及符合畢業資格之修課相關規定 | <p>1.必修課程：</p> <p>(1)書報討論 2 學分</p> <p>(2)專題演講 2 學分</p> <p>(3)實驗室實習 0 學分。<br/>(第二學期為選修)</p> <p>(4)中文課(一)(二) 0 學分(外籍生必修)</p> <p>(5)永續化學科技導論(一)(二) 6 學分</p> <p>3.必選課程：五選一或多</p> <p>(1)進階有機化學 3 學分</p> <p>(2)進階無機化學 3 學分</p> <p>(3)進階分析化學 3 學分</p> <p>(4)進階物理化學(一) 3 學分</p> <p>(5)進階化學生物(一) 4 學分</p> |
| 備註                     | 博士生須於申請學位考試前完成線上「學術研究倫理教育」課程，課程總測驗成績達及格標準並提供證明文件，始得申請學位考試。   |

## Taiwan International Graduate Program of Sustainable Chemical Science and Technology Academic Year 2018

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| Minimum Term of Study  | Three Years   |
| Minimum Credits for Ph.D. Students Who Have Master's Degrees | 20 Credits  |
| Curriculum and Regulations                                   | <p>1.Mandatory：</p> <p>(1) Seminar (2 credits)</p> <p>(2) Colloquium (2 credits)</p> <p>(3) Lab Rotation (0 credit)<br/>(elective course for the second semester)</p> <p>(4) Elementary Chinese I, II (0 credit) (Requirements for International students)</p> <p>(5) Introduction to Sustainable Chemical Science and Technology I, II (6 credits)。</p> <p>3.Elective Courses(Core): Select at least one course</p> <p>(1) Advanced Organic Chemistry (3 credits)</p> <p>(2) Advanced Inorganic Chemistry (3 credits)</p> <p>(3) Advanced Analytical Chemistry (3 credits)</p> <p>(4) Advanced Physical Chemistry I (3 credits)</p> <p>(5) Discussion in Advanced Chemical Biology I (4 credits)</p> |
| Notes  | Students should pass the on-line course "Academic Research Ethics Education". The passing certificate for this course should be submitted to the Department office before applying for the degree exam.   |