

107-110 學年度熱帶農業暨國際合作系-四年制

Department of Tropical Agriculture and International Cooperation Curriculum Table for Undergraduate Program, 2018-2021

畢業學分總表

| 必修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 1 st Academic Year | | 第二學年 2 nd Academic Year | | 第三學年 3 rd Academic Year | | 第四學年 4 th Academic Year | | 備註 Remarks |
|---|---|--|-----------------|--|-----------------|--|-----------------|--|-----------------|-------------------------|
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 校定共同必修 學分(一) Required credits for the university | 28 | 7 | 7 | 4 | 4 | 2 | 4 | 0 | 0 | 本國生 Local Students |
| | 30 | 9 | 7 | 5 | 5 | 2 | 2 | 0 | 0 | 外籍生 Foreign Students |
| 國際學院共同必修 學分(二) Required credits for the college | 7 | 0 | 2 | 3 | 0 | 0 | 1 | 1 | 0 | |
| 系共同必修學分 (三) Required credits for the department | 28 | 6 | 4 | 9 | 3 | 2 | 2 | 1 | 1 | |
| 畢業學分 Credits counted for graduation | 本國生必修學分數 Required Credits for Local Students | | | | | | | | 63 | 合計 Total 130 |
| | 外國生必修學分數 Required Credits for Foreign Students | | | | | | | | 65 | |
| | 本國生選修學分數 Elective Credits for Local Students | | | | | | | | 67 | |
| | 外國生選修學分數 Elective Credits for Foreign Students | | | | | | | | 65 | |
| 備註 Remarks | <p>學生可根據個人興趣以及開課時程自由選擇選修學分的科目,獲得多樣的基礎農業知識。若學生要選擇專業,目前本系提供”動物生產”以及”植物生產”兩種專業。有意選擇專業的學生必須於選修學分中有(>70%)是來自”動物生產”或是”植物生產”的科目,使得在其畢業證書上加註專業領域。</p> <p>For elective credits, students can choose courses freely in all fields according to their personal interests and availability of courses, and acquire general and diversified knowledge in agriculture. If a major is desired, the department currently offers two majors, “Animal Production” and “Plant Production”. A student must complete > 70% elective credits in the same major, either “Animal Production” or “Plant Production”, so that the major can be specified on the graduate certificate.</p> | | | | | | | | | |

(一)校定共同必修科目 (Required credits for the University)

| 必修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 1 st Academic Year | | 第二學年 2 nd Academic Year | | 第三學年 3 rd Academic Year | | 第四學年 4 th Academic Year | | 備註 Remarks |
|---|-------------------------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--------------------------------------|
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 外籍生必修 Required Courses for Foreign Students | | | | | | | | | | |
| 應用華語 (1) Applied Mandarin (1) | 2 | 2 | | | | | | | | |
| 應用華語 (2) Applied Mandarin (2) | 2 | | 2 | | | | | | | |
| 應用華語 (3) Applied Mandarin (3) | 2 | | | 2 | | | | | | |
| 應用華語 (4) Applied Mandarin (4) | 2 | | | | 2 | | | | | |
| 台灣歷史、地理與 文化 History, Geography and Culture in Taiwan | 2 | 2 | | | | | | | | |
| 本國生必修 Required Courses for Local Students | | | | | | | | | | |
| 國文 Chinese | 4 | 2 | 2 | | | | | | | 國文(閱讀與寫作)(1) 國文(閱讀與寫作)(2) |
| 英語聽講練習 English Listening & Speaking Practice | 1 | | | | 1 | | | | | |
| 憲法 Constitution | 2 | | | | | | 2 | | | |
| 通識教育講座 Lectures on General Education | 1 | | | 1 | | | | | | 各系依序開課，開 課學期不定，畢業 前修畢 |
| 外語實務 Foreign Language Proficiency Test | 0 | 0 | | | | | | | | 畢業前修畢 通過標準依「外語 實務課程實施要 點」規定 |
| 共同必修 Required Courses All Students | | | | | | | | | | |
| 英文 (1) English (1) | 2 | 2 | | | | | | | | |
| 英文 (2) English (2) | 2 | | 2 | | | | | | | |

| 必修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|---|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 體育 Physical Education | 4 | 1 | 1 | 1 | 1 | | | | | 一年級： 大一體育(1)、 大一體育(2) 二年級： 體育選項(需修讀不同 興趣體育課程) |
| 生活服務教育 Student Life Service Education | 0 | 0 | 0 | | | | | | | 每週上課 2 小時 |
| 通識課程 General Education | 12 | 2 | 2 | 2 | 2 | 2 | 2 | | | 英文授課 通識選項課程： 人文學科:2 門 (Contemporary Leisure and Health Promotion) 社會科學:3 門 (Social Science) 數理與應用科學:1 門 (Introduction of Geographic Information System and Its Applications) |
| 合 計 Total | 28 | 7 | 7 | 4 | 4 | 2 | 4 | 0 | 0 | 本國生 Local Students |
| | 30 | 9 | 7 | 5 | 5 | 2 | 2 | 0 | 0 | 外籍生 Foreign Students |

(二)國際學院共同必修科目 (Required Courses for the College)

| 必修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 1 st Academic Year | | 第二學年 2 nd Academic Year | | 第三學年 3 rd Academic Year | | 第四學年 4 th Academic Year | | 備註 Remarks |
|--|-------------------------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|---------------|
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| | | 實務專題 Special Projects | 2 | | | | | | 1 | |
| 生態學 Ecology | 2 | | 2 | | | | | | | |
| 運算思維與資訊科 技應用 Computational Thinking and Information Technology Applications | 0 | | 0 | | | | | | | 每週上課 2 小時 |
| 生物統計/統計學 Biometry/ Statistics | 2 | | | 2 | | | | | | |
| 生物統計實習/ 統計學實習 Practice of Biometry/ Practice of Statistics | 1 | | | 1 | | | | | | 每週上課 2 小時 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 合 計 Total | 7 | 0 | 2 | 3 | 0 | 0 | 1 | 1 | 0 | |

(三)系共同必修 (Required Courses for the Department)

| 必修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 1 st Academic Year | | 第二學年 2 nd Academic Year | | 第三學年 3 rd Academic Year | | 第四學年 4 th Academic Year | | 備註 Remarks |
|--|-------------------------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|---------------------------|
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 普通化學 General Chemistry | 3 | 3 | | | | | | | | |
| 普通化學實驗 General Chemistry Lab. | 1 | 1 | | | | | | | | |
| 農藝園藝概論 Introduction to Agronomy and Horticulture | 2 | 2 | | | | | | | | 核心 |
| 動物科學導論 Introduction to Animal Science | 2 | | 2 | | | | | | | |
| 食品科學概論 Introduction of Food Science | 2 | | 2 | | | | | | | |
| 世界養殖概論 Introduction to World Aquaculture | 2 | | | 2 | | | | | | |
| 行銷學 Marketing | 2 | | | 2 | | | | | | |
| 生物化學(1) Biochemistry (1) | 2 | | | 2 | | | | | | |
| 生物化學實驗(1) Biochemistry Lab. (1) | 1 | | | 1 | | | | | | |
| 微生物學 Microbiology | 2 | | | | 2 | | | | | |
| 微生物學實習 Practice of Microbiology | 1 | | | | 1 | | | | | |
| 生物技術 Biotechnology | 2 | | | | | 2 | | | | |
| 農企業管理 Agribusiness Management | 2 | | | | | | 2 | | | 核心 |
| 專題討論 Seminar | 2 | | | | | | | 1 | 1 | 輪授 Teacher Rotation |
| 文獻選讀與寫作 Scientific Reading and Writing | 2 | | | 2 | | | | | | |
| 合 計 Total | 28 | 6 | 4 | 9 | 3 | 2 | 2 | 1 | 1 | |

(四)專業選修 (Elective Courses)

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|---|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--------------------|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 植物學 Botany | 2 | 2 | | | | | | | | 植物組 Plant group |
| 植物學實習 Practice of Botany | 1 | 1 | | | | | | | | 植物組 Plant group |
| 作物學 Field Crops | 2 | | 2 | | | | | | | 植物組 Plant group |
| 作物學實習 Practice of Field Crops | 1 | | 1 | | | | | | | 植物組 Plant group |
| 植物生理學 Plant Physiology | 3 | | | 3 | | | | | | 植物組 Plant group |
| 植物生理學實驗 Plant Physiology Lab. | 1 | | | 1 | | | | | | 植物組 Plant group |
| 林產與木材科學 Forest Products and Wood Science | 2 | | | 2 | | | | | | 植物組 Plant group |
| 土壤與肥料 Soil and Fertilizer | 2 | | | 2 | | | | | | 植物組 Plant group |
| 土壤與肥料實習 Practice of Soil and Fertilizer | 1 | | | 1 | | | | | | 植物組 Plant group |
| 植物繁殖技術 Plant Propagation Techniques | 2 | | | | 2 | | | | | 植物組 Plant group |
| 植物繁殖技術實習 Practice of Plant Propagation Techniques | 1 | | | | 1 | | | | | 植物組 Plant group |
| 蔬菜學 Olericulture | 2 | | | | | 2 | | | | 植物組 Plant group |
| 蔬菜學實習 Practice of Olericulture | 1 | | | | | 1 | | | | 植物組 Plant group |
| 花卉學 Floriculture | 2 | | | | | 2 | | | | 植物組 Plant group |
| 花卉學實習 Practice of Floriculture | 1 | | | | | 1 | | | | 植物組 Plant group |
| 植物保護學 Plant Protection | 2 | | | | | 2 | | | | 植物組 Plant group |
| 植物保護學實習 Practice of Plant Protection | 1 | | | | | 1 | | | | 植物組 Plant group |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|--|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--------------------------|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 作物育種學 Crop Breeding | 2 | | | | | | 2 | | | 植物組 Plant group |
| 作物育種學實習 Practice of Crop Breeding | 1 | | | | | | 1 | | | 植物組 Plant group |
| 植物組織培養技術 Plant Tissue Culture Techniques | 2 | | | | | | 2 | | | 植物組 Plant group |
| 植物組織培養技術 實習 Practice of Plant Tissue Culture Techniques | 1 | | | | | | 1 | | | 植物組 Plant group |
| 果樹學 Pomology | 2 | | | | | | 2 | | | 植物組 Plant group |
| 果樹學實習 Practice of Pomology | 1 | | | | | | 1 | | | 植物組 Plant group |
| 農產品生鮮處理技術 Postharvest Technology of Agricultural Products | 2 | | | | | | 2 | | | 植物組 Plant group |
| 農產品生鮮處理技術 實習 Practice of Postharvest Technology of Agricultural Products | 1 | | | | | | 1 | | | 植物組 Plant group |
| 設施園藝 Horticultural Production Under Structures | 2 | | | | | | | 2 | | 核心 植物組 Plant group |
| 設施園藝實習 Practice of Horticultural Production Under Structures | 1 | | | | | | | 1 | | 植物組 Plant group |
| 造園學 Landscape Architecture | 2 | | | | | | | 2 | | 植物組 Plant group |
| 造園學實習 Practice of Landscape Architecture | 1 | | | | | | | 1 | | 植物組 Plant group |
| 雜草管理 Weed Management | 2 | | | | | | | 2 | | 植物組 Plant group |
| 雜草管理實習 Practice of Weed Management | 1 | | | | | | | 1 | | 植物組 Plant group |
| 草坪管理 Turf Management | 2 | | | | | | | 2 | | 植物組 Plant group |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|--|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|---------------------|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 草坪管理實習 Practice of Turf Management | 1 | | | | | | | 1 | | 植物組 Plant group |
| 作物營養學 Crop Nutrition | 2 | | | | | | | 2 | | 植物組 Plant group |
| 作物營養學實習 Practice of Crop Nutrition | 1 | | | | | | | 1 | | 植物組 Plant group |
| 食用菌栽培 Cultivation of Edible Fungi | 2 | | | | | | | | 2 | 植物組 Plant group |
| 食用菌栽培實習 Practice of Cultivation of Edible Fungi | 1 | | | | | | | | 1 | 植物組 Plant group |
| 動物學 Zoology | 2 | 2 | | | | | | | | 動物組 Animal group |
| 動物學實習 Practice of Zoology | 1 | 1 | | | | | | | | 動物組 Animal group |
| 水產生物學 Aquatic Biology | 3 | 3 | | | | | | | | 動物組 Animal group |
| 動物解剖生理學 Anatomy and Physiology of Animal | 3 | | 3 | | | | | | | 動物組 Animal group |
| 動物解剖生理學實習 Practice of Anatomy and Physiology of Animal | 1 | | 1 | | | | | | | 動物組 Animal group |
| 禽畜環境生理學 Environmental Physiology of Domestic Animals | 2 | | 2 | | | | | | | 動物組 Animal group |
| 牧場實務實習 Practice of Animal Farm | 2 | | | 1 | 1 | | | | | 動物組 Animal group |
| 動物舍規劃與自動 化 Animal House Arrangement and Automation | 2 | | | 2 | | | | | | 動物組 Animal group |
| 動物營養學 Animal Nutrition | 2 | | | | 2 | | | | | 動物組 Animal group |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|---|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 水產養殖學 Introduction to Aquaculture | 3 | | | | 3 | | | | | 動物組 Animal group 有實習課 Including Practice |
| 家禽飼養管理 Poultry Feeding and Management | 1 | | | | | 1 | | | | 動物組 Animal group |
| 家禽飼養管理實習 Practice of Poultry Feeding and Management | 1 | | | | | 1 | | | | 動物組 Animal group |
| 豬隻飼養管理 Pig Feeding and Management | 1 | | | | | 1 | | | | 動物組 Animal group |
| 豬隻飼養管理實習 Practice of Pig Feeding and Management | 1 | | | | | 1 | | | | 動物組 Animal group |
| 乳用家畜飼養管理 Dairy Livestock Feeding and Management | 1 | | | | | 1 | | | | 動物組 Animal group |
| 乳用家畜飼養管理 實習 Practice of Feeding and Management in Dairy Livestock | 1 | | | | | 1 | | | | 動物組 Animal group |
| 動物育種學 Animal Breeding | 3 | | | | | 3 | | | | 動物組 Animal group |
| 水族營養學 Fish Nutrition | 3 | | | | | 3 | | | | 動物組 Animal group 有實習課 Including Practice |
| 乳品加工 Processing of Dairy Products | 2 | | | | | 2 | | | | 動物組 Animal group |
| 乳品加工實習 Practice of Dairy Products | 1 | | | | | 1 | | | | 動物組 Animal group |
| 肉品加工 Processing of Meat Products | 2 | | | | | | 2 | | | 動物組 Animal group |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|---|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 肉品加工實習 Practice of Meat Products | 1 | | | | | | 1 | | | 動物組 Animal group |
| 免疫學概論 Introduction to Immunology | 2 | | | | | | 2 | | | 動物組 Animal group |
| 動物繁殖學 Animal Reproduction | 2 | | | | | | 2 | | | 動物組 Animal group |
| 飼料製造技術 Feed Manufacture Technology | 2 | | | | | | 2 | | | 動物組 Animal group |
| 飼料製造技術實習 Practice of Feed Manufacture Technology | 1 | | | | | | 1 | | | 動物組 Animal group |
| 養殖經營與管理 Aquaculture Business Management | 2 | | | | | | 2 | | | 核心 動物組 Animal group |
| 養殖場實習 Practice of Aquafarm | 2 | | | | | | | 1 | 1 | 動物組 Animal group |
| 水族動物疾病學 Aquatic Animal Diseases | 3 | | | | | | | 3 | | 動物組 Animal group 有實習課 Including Practice |
| 動物飼料學 Animal Feeds and Feeding | 2 | | | | | | | 2 | | 動物組 Animal group |
| 禽畜保健與傳染病 防治 Livestock Health and Transmissible Diseases | 2 | | | | | | | 2 | | 動物組 Animal group |
| 禽畜保健與傳染病 防治實習 Practice of Livestock Health and Transmissible Diseases | 1 | | | | | | | 1 | | 動物組 Animal group |
| 水產遺傳育種學 Fish Genetics and Breeding | 3 | | | | | | | | 3 | 動物組 Animal group |
| 寵物科學(1) Pet Science(1) | 2 | | | | | 2 | | | | 動物組 Animal group |

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|--|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|---|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 寵物科學(2) Pet Science(2) | 2 | | | | | | 2 | | | 動物組 Animal group |
| 養燕學 Swiftlet Farming | 2 | | | | | | | 2 | | 植物組 Plant group 動物組 Animal group |
| 養蜂學 Apiculture | 2 | | | | | | | | 2 | 核心 植物組 Plant group 動物組 Animal group |
| 養蜂學實習 Practice of Apiculture | 1 | | | | | | | | 1 | 實習實作 植物組 Plant group 動物組 Animal group |
| 食品加工與實習 Food Processing and Practice | 3 | | | 3 | | | | | | 植物組 Plant group 動物組 Animal group |
| 生物化學(2) Biochemistry (2) | 2 | | | | | | 2 | | | 植物組 Plant group 動物組 Animal group |
| 生物化學實驗(2) Biochemistry Lab. (2) | 1 | | | | | | 1 | | | 植物組 Plant group 動物組 Animal group |
| 遺傳學 Genetics | 2 | | | | | | 2 | | | 植物組 Plant group 動物組 Animal group |
| 遺傳學實習 Practice of Genetics | 1 | | | | | | 1 | | | 植物組 Plant group 動物組 Animal group |
| 分子生物學 Molecular Biology | 2 | | | | | | | 2 | | 植物組 Plant group 動物組 Animal group |
| 校外實習 (1) Practice of Industrial Training (1) | 2 | | | 2 | | | | | | 植物組 Plant group 動物組 Animal group *可於暑期開 課 Summer Class is available |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|--|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|---|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 校外實習 (2) Practice of Industrial Training (2) | 4 | | | | | 4 | | | | 植物組 Plant group 動物組 Animal group *可於暑期開 課 Summer Class is available |
| 校外實習 (3) Practice of Industrial Training (3) | 4 | | | | | | | 4 | | 植物組 Plant group 動物組 Animal group *可於暑期開 課 Summer Class is available |
| 食品生物化學 Food Biochemistry | 2 | | | | | | | 2 | | 植物組 Plant group 動物組 Animal group |
| 應用華語 (5) Applied Mandarin (5) | 2 | | | | | 2 | | | | 外籍生 Foreign Students |
| 應用華語 (6) Applied Mandarin (6) | 2 | | | | | | 2 | | | 外籍生 Foreign Students |
| 應用華語 (7) Applied Mandarin (7) | 2 | | | | | | | 2 | | 外籍生 Foreign Students |
| 英文 (3) English (3) | 2 | | | 2 | | | | | | |
| 英文 (4) English (4) | 2 | | | | 2 | | | | | |
| 英文 (5) English (5) | 2 | | | | | 2 | | | | |
| 英文 (6) English (6) | 2 | | | | | | 2 | | | |
| 鄉村社會學 Rural Sociology | 2 | 2 | | | | | | | | |
| 工程力學 Engineering Mechanics | 3 | | 3 | | | | | | | |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|---|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|---|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 食品機械 Food Machinery | 2 | | | 2 | | | | | | |
| 測量學 Surveying | 2 | | | 2 | | | | | | |
| 測量學實習 Surveying Practice | 1 | | | 1 | | | | | | |
| 地理資訊系統概論 Introduction of GIS | 2 | | | | 2 | | | | | |
| 人力資源管理 Human Resource Management | 3 | | | | 3 | | | | | |
| 水文學 Hydrology | 2 | | | | 2 | | | | | |
| 灌溉學 Irrigation | 2 | | | | | 2 | | | | |
| 水土保持概論 Introduction to Soil and Water Conservation | 2 | | | | | | 2 | | | |
| 國際農業發展 International Agriculture Development | 2 | | | | | | | 2 | | 植物組 Plant group 動物組 Animal group |
| 農業自動化概論 Introductory Agricultural Automation | 2 | | | | 2 | | | | | 植物組 Plant group 動物組 Animal group |
| 農業自動化概論實 習 Practices of Introductory Agricultural Automation | 1 | | | | 1 | | | | | 植物組 Plant group 動物組 Animal group |
| 熱帶蟲害管理 Tropical Insect Pests Management | 2 | | | | 2 | | | | | 植物組 Plant group |
| 農業技術推廣和教 育 Agricultural technology extension and education | 2 | | | | 2 | | | | | 植物組 Plant group 動物組 Animal group |
| 熱帶農業栽培系統 Agriculture in Tropical Regions | 2 | | | | 2 | | | | | 植物組 Plant group |
| 醱酵生產技術與實 習 Fermented Food Processing and Practice | 3 | | | | | | | | 3 | 植物組 Plant group 動物組 Animal group |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 Remarks |
|--|-------------------------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|--------------------------------------|
| | | 1 st Academic Year | | 2 nd Academic Year | | 3 rd Academic Year | | 4 th Academic Year | | |
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 永續發展趨勢 Trends in Sustainable Development | 3 | | | | | | | 3 | | |
| 有機化學 Organic Chemistry | 2 | | | | 2 | | | | | |
| 有機化學實驗 Organic Chemistry Lab. | 1 | | | | 1 | | | | | |
| 國際經濟暨合作 International Economy and Cooperation | 2 | | | | | | | | 2 | |
| 國際農業現況與參 訪 International Agricultural Status and Visits | 2 | | | | | | 2 | | | 核心 |
| 農業機械操作 Agricultural Machinery Operation | 2 | | | | | | 2 | | | 實習實作 |
| 經濟動物飼養管理 Economic Animal Feed Management | 3 | | | | | | 3 | | | 實習實作 |
| 水土資源與灌溉 Water and Land Resources and Irrigation | 0.5 | | | | | | 0.5 | | | 微型 |
| 生態蟲害管控技術 Ecological Pest Management and Control Technology | 0.5 | | | | | | 0.5 | | | 微型 |
| 環境資料記錄控制 器實作 Environmental Data Record Controller | 0.5 | | | | | | 0.5 | | | 微型 *有實習課 Including Practice |
| 植物生產系統操作 Plant Production System Operation | 0.5 | | | | | | 0.5 | | | 微型 *有實習課 Including Practice |
| 溫室管理實習-植 物生產 Greenhouse Management Practice - Plant Production | 0.5 | | | | | | 0.5 | | | 微型 *有實習課 Including Practice |
| 產業實習 Industry Internship | 9 | | | | | | 9 | | | 全學年校外 實習 |

| 選修科目總稱 Names of Courses in Chinese and English | 學 分 數 No. Credits | 第一學年 1 st Academic Year | | 第二學年 2 nd Academic Year | | 第三學年 3 rd Academic Year | | 第四學年 4 th Academic Year | | 備註 Remarks |
|--|-------------------------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|---------------|
| | | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | 1st semester | 2nd semester | |
| 合 計 Total | 229.5 | 11 | 12 | 24 | 30 | 62.5 | 34 | 41 | 15 | |