

## 系所課程地圖 Department Curriculum Map

| 系所概要 Department      |                                      |
|----------------------|--------------------------------------|
| 系所名稱 Department Name | 植物病理學系 Department of Plant Pathology |
| 班別 Division          | 學士班 Bachelor's Program               |

| 教育目標<br>Education Goals             | 編號<br>Number | 項目內容 Content   |  |
|-------------------------------------|--------------|--|--|
|                                     | 1.           | 培育植物病理學及其有關生物技術之人才。<br>Cultivate researchers in plant pathology and related biotechnology.                               |  |
|                                     | 2.           | 訓練應用微生物與農業生技產業之人才。<br>Train technical professionals in applied microbiology and the agricultural biotechnology industry. |  |
|                                     | 3.           | 培養植物防疫檢疫之人才。<br>Develop professionals specializing in plant protection and quarantine.                                   |  |
|                                     | 4.           | 培訓植物病害防治之推廣人才。<br>Foster leadership professionals in promoting plant disease management.                                 |  |
| 學生核心能力<br>Student Core Competencies | 編號<br>Number | 項目內容 Content   | 對應之教育目標編號<br>Corresponding Education Goal Number |
|                                     | A            | 基礎科學相關知識<br>Knowledge of fundamental sciences  | 1, 2   |
|                                     | B            | 植物病理學與防檢疫相關知識及技術<br>Knowledge and skills in plant pathology, inspection and quarantine                                   | 1, 3, 4  |
|                                     | C            | 微生物學相關知識<br>Microbiology-related knowledge   | 2, 3   |
|                                     | D            | 農業生物技術與應用相關能力<br>Skills in agricultural biotechnology and its practical applications                                     | 2, 4   |
|                                     | E            | 植物醫學實務相關技術<br>Practical techniques in plant medicine   | 1, 3, 4  |

※附註 Note：

- 1.各系所所屬之班別，含學士班、碩士班、博士班等，請分別填寫。  
Complete the map separately for each division, including Bachelor's, Master's, and Doctoral program.
- 2.教育目標及核心能力之代號皆以英文字母大寫為主。  
Codes for Education Goals and Core Competencies must be in uppercase English alphabet letters.
- 3.可依不同班（組）別填寫教育目標及核心能力。  
Education Goals and Core Competencies can be specific to the division in question.

單位主管簽章：  
Head of Planning Division:


承辦人簽章：  
Signature of Responsible Person:

114 年 1 月 20 日  
Date:

# 課程規劃表 Curriculum Plan

◎規劃單位 Planning Unit：植物病理學系 Department of Plant Pathology

| 課程名稱 Course Title  | 規劃要點（附註）<br>Plans (Notes) |    |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommended<br>Course<br>Division | 開課單位<br>Course Offering<br>Unit                           | 備 註<br>Remarks                                |
|--|---------------------------|----|---|---|---|---|---|---|
|  | 1                         | 2  | 3 | 4 |   |   |   |   |
| 院核心課程（若無免填）<br>College Core Courses (not required if none)   |                           |    |   |   |   |   |   |   |
| （中文）<br>（English）  |                           |    |   |   |   |   |   |   |
| 必修課程 Required Courses  |                           |    |   |   |   |   |   |   |
| （中文）普通化學<br>（English）General Chemistry   | U                         | A  | S | 3 | A（100%）   | 大一<br>Freshman                                  | 化學系<br>Department of<br>Chemistry                         |   |
| （中文）普通化學實驗<br>（English）Experiments in General Chemistry  | U                         | B  | S | 1 | A（100%）   | 大一<br>Freshman                                  | 化學系<br>Department of<br>Chemistry                         |   |
| （中文）植病導論<br>（English）Principle Guide of Plant Pathology  | U                         | A  | S | 1 | B(80%)<br>C(20%)  | 大一<br>Freshman                                  | 植病系<br>Department of<br>Plant Pathology                   |   |
| （中文）遺傳學<br>（English）Genetics   | U                         | A  | S | 3 | A(100%)   | 大一<br>Freshman                                  | 農資院<br>College of<br>Agriculture and<br>Natural Resources |   |
| （中文）有機化學<br>（English）Organic Chemistry   | U                         | A  | S | 3 | A（100%）   | 大一<br>Freshman                                  | 化學系<br>Department of<br>Chemistry                         |   |
| （中文）有機化學實驗<br>（English）Experiments in Organic Chemistry  | U                         | B  | S | 1 | A（100%）   | 大一<br>Freshman                                  | 化學系<br>Department of<br>Chemistry                         |   |
| （中文）普通微生物學<br>（English）General Microbiology  | U                         | A  | S | 3 | A(50%)<br>C(50%)  | 大一<br>Freshman                                  | 植病系<br>Department of<br>Plant Pathology                   |   |
| （中文）普通微生物學實驗<br>（English）Experiments in General Microbiology   | U                         | B  | S | 1 | A(50%)<br>C(50%)  | 大一<br>Freshman                                  | 植病系<br>Department of<br>Plant Pathology                   |   |
| （中文）真菌學<br>（English）Mycology   | U                         | AB | S | 4 | C(100%)   | 大一<br>Freshman                                  | 植病系<br>Department of<br>Plant Pathology                   |   |
| （中文）生物化學<br>（English）Biochemistry  | U                         | A  | Y | 6 | A（100%）   | 大二<br>Sophomore                                 | 食生系<br>Department of<br>Food Science and<br>Biotechnology |   |
| （中文）植物生理學<br>（English）Plant Physiology   | U                         | A  | S | 3 | A(100%)   | 大二<br>Sophomore                                 | 生科系<br>Department of<br>Life Sciences                     |   |
| （中文）植物生理學實驗<br>（English）Experiments in Plant Physiology  | U                         | B  | S | 1 | A(100%)   | 大二<br>Sophomore                                 | 生科系<br>Department of<br>Life Sciences                     |   |
| （中文）基礎植病研究法<br>（English）Fundamental Lab Practical for Plant Pathology  | U                         | B  | S | 2 | B(50%)<br>D(50%)  | 大二<br>Sophomore                                 | 植病系<br>Department of<br>Plant Pathology                   | 115 新增<br>115th academic<br>year added        |
| （中文）植物線蟲學<br>（English）Plant Nematology<br>112 入學起適用(113 學年度正式開課)<br>Effective from the 112th academic year admission (courses officially offered in the 113th academic year) | U                         | A  | S | 2 | A(10%)<br>B(15%)<br>C(35%)<br>D(20%)<br>E(20%)            | 大二<br>Sophomore                                 | 植病系<br>Department of<br>Plant Pathology                   | 三科必修二科<br>Choose two of the<br>three subjects |
| （中文）植物細菌學<br>（English）Plant Bacteriology   | U                         | A  | S | 2 | C(100%)   | 大二<br>Sophomore                                 | 植病系<br>Department of<br>Plant Pathology                   |   |
| （中文）植物病毒學<br>（English）Plant Virology   | U                         | A  | S | 3 | B(40%)<br>C(30%)<br>E(30%)                                | 大三<br>Junior                                    | 植病系<br>Department of<br>Plant Pathology                   |   |

| 課程名稱 Course Title  | 規劃要點（附註）<br>Plans (Notes) |    |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommen-<br>ded Course<br>Division | 開課單位<br>Course Offering<br>Unit         | 備 註<br>Remarks  |
|--|---------------------------|----|---|---|---|---|---|---|
|  | 1                         | 2  | 3 | 4 |   |   |   |   |
| 必修課程 Required Courses  |                           |    |   |   |   |   |   |   |
| （中文）生物統計與試驗設計<br>（English）Biometrics and Experimental Design   | U                         | AB | S | 4 | A (100%)  | 大三<br>Junior                                      | 農藝系<br>Department of<br>Agronomy        | 113-114 開，<br>115 刪除<br>Offered in 113-<br>114th academic<br>year, removed<br>in 115th<br>academic year |
| （中文）生物統計學<br>（English）Biostatistics<br>113 入學起適用(115 學年度正式開課)  | U                         | A  | S | 3 | A (100%)  | 大三<br>Junior                                      | 農藝系<br>Department of<br>Agronomy        |   |
| Effective from the 113th academic year admission (courses officially offered in the 115th academic year)                                 |                           |    |   |   |   |   |   |   |
| （中文）生物統計與試驗設計實習<br>（English）Practice in Biostatistics and<br>Experimental Design<br>113 入學起適用(115 學年度正式開課)                               | U                         | B  | S | 1 | A (100%)  | 大三<br>Junior                                      | 農藝系<br>Department of<br>Agronomy        |   |
| Effective from the 113th academic year admission (courses officially offered in the 115th academic year)                                 |                           |    |   |   |   |   |   |   |
| （中文）植物病理學<br>（English）Plant Pathology  | U                         | AB | Y | 6 | A(10%)<br>B(35%)<br>C(10%)<br>D(10%)<br>E(35%)            | 大三<br>Junior                                      | 植病系<br>Department of<br>Plant Pathology |   |
| （中文）害物藥劑學<br>（English）Pesticides   | U                         | A  | S | 3 | E (100%)  | 大三<br>Junior                                      | 植病系<br>Department of<br>Plant Pathology |   |
| （中文）植病防治學<br>（English）Plant Disease Control  | U                         | A  | S | 2 | B(40%)<br>E(60%)  | 大四<br>Senior                                      | 植病系<br>Department of<br>Plant Pathology |   |
| （中文）專題研究(一)<br>（English）Independent Study (I)  | U                         | C  | S | 1 | A (20%)<br>B (20%)<br>C (20%)<br>D (20%)<br>E (20%)       | 大三<br>Junior                                      | 植病系<br>Department of<br>Plant Pathology | 專題研究(一)、<br>(二)、專題討論<br>(一)、(二)<br>四科必修1科<br>Choose two of<br>the four subjects                         |
| （中文）專題研究(二)<br>（English）Independent Study (II)   | U                         | C  | S | 1 | A (20%)<br>B (20%)<br>C (20%)<br>D (20%)<br>E (20%)       | 大三<br>Junior                                      | 植病系<br>Department of<br>Plant Pathology |   |
| （中文）專題討論(一) <br>（English）Seminar in Plant Science (I) | U                         | C  | S | 1 | A (20%)<br>B (20%)<br>C (20%)<br>D (20%)<br>E (20%)       | 大四<br>Senior                                      | 植病系<br>Department of<br>Plant Pathology |   |
| （中文）專題討論(二)<br>（English）Seminar in Plant Science (II)  | U                         | C  | S | 1 | A (20%)<br>B (20%)<br>C (20%)<br>D (20%)<br>E (20%)       | 大四<br>Senior                                      | 植病系<br>Department of<br>Plant Pathology |   |

# 課程規劃表 Curriculum Plan

◎規劃單位 Planning Unit：植物病理學系 Department of Plant Pathology

| 課程名稱 Course Title  | 規劃要點（附註）<br>Plans (Notes) |    |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommen-<br>ded Course<br>Division | 開課單位<br>Course Offering<br>Unit                                     | 備 註<br>Remarks                                 |
|--|---------------------------|----|---|---|---|---|---|--|
|  | 1                         | 2  | 3 | 4 |   |   |   |  |
| 選修課程 Elective Courses  |                           |    |   |   |   |   |   |  |
| （中文）普通植物學<br>（English）General Botany   | U                         | A  | S | 3 | A（100%）   | 大一<br>Freshman                                    | 農資院<br>College of Agriculture<br>and Natural Resources              |  |
| （中文）微積分(一)<br>（English）Calculus (I)  | U                         | A  | S | 2 | A（100%）   | 大一<br>Freshman                                    | 應數系<br>Department of<br>Applied<br>Mathematics                      |  |
| （中文）計算機概論<br>（English）Introduction to Computer Science                       | U                         | A  | S | 3 | A（80%）<br>D（20%）  | 大一<br>Freshman                                    | 生機系<br>Department of Bio-<br>industrial Mechatronics<br>Engineering |  |
| （中文）微積分(二)<br>（English）Calculus(II)  | U                         | A  | S | 2 | A（100%）   | 大一<br>Freshman                                    | 應數系<br>Department of<br>Applied<br>Mathematics                      |  |
| （中文）農業昆蟲學<br>（English）Agricultural Entomology                                | U                         | AB | S | 3 | A（50%）<br>E（50%）  | 大一<br>Freshman                                    | 昆蟲系<br>Department of<br>Entomology                                  |  |
| （中文）農業英文 ESAP<br>（English）English for Agriculture                            | U                         | A  | S | 1 | A（100%）   | 大一<br>Freshman                                    | 農資院<br>College of Agriculture<br>and Natural Resources              |  |
| （中文）植物解剖學<br>（English）Plant Anatomy  | U                         | A  | S | 2 | A（100%）   | 大二<br>Sophomore                                   | 植病系<br>Department of<br>Plant Pathology                             |  |
| （中文）植物細菌學實驗<br>（English）Experiments in Plant Bacteriology                    | U                         | AB | S | 2 | A（100%）   | 大二<br>Sophomore                                   | 植病系<br>Department of<br>Plant Pathology                             | 115 刪除<br>removed in<br>115th academic<br>year |
| （中文）遺傳學實驗<br>（English）Genetics Laboratory                                    | U                         | B  | S | 2 | A（60%）<br>C（20%）<br>D（20%）                                | 大二<br>Sophomore                                   | 農資院<br>College of Agriculture<br>and Natural Resources              |  |
| （中文）釀酒微生物學 英<br>（English）Brewing Microbiology                                | U                         | A  | S | 2 | A（20%）<br>C（50%）<br>D（30%）                                | 大二<br>Sophomore                                   | 植病系<br>Department of<br>Plant Pathology                             |  |
| （中文）植物病原細菌學原理與技術 英<br>（English）Phytobacteriology: Principles and<br>Practice | U                         | A  | S | 2 | A（10%）<br>B（10%）<br>C（30%）<br>D（30%）<br>E（20%）            | 大二<br>Sophomore                                   | 植病系<br>Department of<br>Plant Pathology                             |  |
| （中文）園藝學<br>（English）Horticultural Science                                    | U                         | A  | S | 2 | A（80%）<br>D（20%）  | 大二<br>Sophomore                                   | 園藝系<br>Department of<br>Horticulture                                |  |
| （中文）園藝學實習<br>（English）Experiments in Horticultural<br>Science                | U                         | B  | S | 1 | E（100%）   | 大二<br>Sophomore                                   | 園藝系<br>Department of<br>Horticulture                                |  |
| （中文）植物病理學世界 英<br>（English）Plant Pathology World                              | U                         | B  | S | 2 | A（20%）<br>B（25%）<br>C（25%）<br>D（15%）<br>E（15%）            | 大二<br>Sophomore                                   | 植病系<br>Department of<br>Plant Pathology                             |  |
| （中文）作物學<br>（English）Crop Science   | U                         | A  | S | 3 | A（80%）<br>D（20%）  | 大二<br>Sophomore                                   | 農藝系<br>Department of<br>Agronomy                                    |  |
| （中文）生物化學實習<br>（English）Experiments in Biochemistry                           | U                         | AB | S | 2 | A（100%）   | 大二<br>Sophomore                                   | 食生系<br>Department of<br>Food Science and<br>Biotechnology           |  |

| 課程名稱 Course Title   | 規劃要點 (附註)<br>Plans (Notes) |    |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommend<br>ed Course<br>Division | 開課單位<br>Course Offering<br>Unit                               | 備 註<br>Remarks                              |
|---|----------------------------|----|---|---|---|--|---|---|
|   | 1                          | 2  | 3 | 4 |   |  |   |   |
| (中文) 植物分類學<br>(English) Plant Taxonomy  | U                          | AB | S | 3 | A (100%)  | 大二<br>Sophomore                                  | 生科系<br>Department of<br>Life Sciences                         |   |
| (中文) 植物基因工程技術<br>(English) Techniques of Plant Genetic<br>Engineering   | U                          | AB | S | 2 | D (100%)  | 大二<br>Sophomore                                  | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 淺談植物線蟲 <br>(English) Introduction to Plant Nematology | U                          | A  | S | 2 | A (20%)<br>B ( 5%)<br>C (65%)<br>D ( 5%)<br>E ( 5%)       | 大二<br>Sophomore                                  | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 應用微生物學 <br>(English) Applied Microbiology             | U                          | A  | S | 3 | C (50%)<br>D (50%)  | 大二<br>Sophomore                                  | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 植物線蟲學實作<br>(English) Lab Practical of Plant Nematology   | U                          | B  | S | 1 | A (15%)<br>B (10%)<br>C (25%)<br>D (20%)<br>E (30%)       | 大二<br>Sophomore                                  | 植病系<br>Department of<br>Plant Pathology                       | 115 刪除<br>removed in 115th<br>academic year |
| (中文) 土壤學<br>(English) Soil Science  | U                          | A  | S | 2 | C (20%)<br>E (80%)  | 大三<br>Junior                                     | 土環系<br>Department of<br>Soil and<br>Environmental<br>Sciences |   |
| (中文) 土壤學實習<br>(English) Experiments in Soil Science   | U                          | B  | S | 1 | E (100%)  | 大三<br>Junior                                     | 土環系<br>Department of<br>Soil and<br>Environmental<br>Sciences |   |
| (中文) 分析化學<br>(English) Analytical Chemistry   | U                          | A  | S | 3 | A (100%)  | 大三<br>Junior                                     | 化學系<br>Department of<br>Chemistry                             |   |
| (中文) 分析化學實驗<br>( English ) Experiments in Analytical  | U                          | B  | S | 1 | A (100%)  | 大三<br>Junior                                     | 化學系<br>Department of<br>Chemistry                             |   |
| (中文) 生物技術導論<br>(English) Introduction to Biotechnology  | U                          | A  | S | 3 | A (20%)<br>D (80%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 植物病毒學實驗<br>(English) Experiments in Plant Virology   | U                          | AB | S | 2 | C (100%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 肥料學<br>(English) Fertilizer  | U                          | A  | S | 2 | E (100%)  | 大三<br>Junior                                     | 土環系<br>Department of<br>Soil and<br>Environmental<br>Sciences |   |
| (中文) 害物藥劑學實驗<br>(English) Experiments in Pesticides   | U                          | AB | S | 2 | E (100%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 真菌生態學<br>(English) Fungal Ecology  | U                          | A  | S | 3 | C (100%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 真菌生理學<br>(English) Fungal Physiology   | U                          | A  | S | 3 | C (100%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 植病與生物技術<br>(English) Biotechnology and Plant<br>Pathology  | U                          | A  | S | 3 | D (100%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |
| (中文) 生物製劑<br>(English) Biopesticides  | U                          | A  | S | 2 | C (50%)<br>D (50%)  | 大三<br>Junior                                     | 植病系<br>Department of<br>Plant Pathology                       |   |

| 課程名稱 Course Title  | 規劃要點 (附註)<br>Plans (Notes) |   |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommended<br>Course<br>Division | 開課單位<br>Course Offering<br>Unit                              | 備 註<br>Remarks  |
|--|----------------------------|---|---|---|---|---|--|---|
|  | 1                          | 2 | 3 | 4 |   |   |  |   |
| (中文) 分子植物病理學<br>(English) Physiological and Molecular Plant Pathology  | U                          | A | S | 2 | B (40%)<br>C (40%)<br>D (20%)                             | 大三<br>Junior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 分子生物學<br>(English) Molecular Biology  | U                          | A | S | 3 | A (40%)<br>C (30%)<br>D (30%)                             | 大三<br>Junior                                    | 昆蟲系<br>Department of<br>Entomology                           |   |
| (中文) 統計學 <br>(English) Statistics         | U                          | A | S | 3 | A (100%)  | 大三<br>Junior                                    | 農資院<br>College of<br>Agriculture and<br>Natural<br>Resources |   |
| (中文) 植病防治學實驗<br>(English) Experiments in Plant Disease Control   | U                          | B | S | 1 | B (40%)<br>E (60%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 農業經濟學<br>(English) Agricultural Economics   | U                          | A | S | 3 | A (100%)  | 大四<br>Senior                                    | 應經系<br>Department of<br>Applied Economics                    |   |
| (中文) 植物生物科技專題介紹<br>(English) Current Topics on Plant Biotechnology   | U                          | A | S | 2 | D (100%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 農藝作物病害<br>(English) Agronomic Crop Diseases   | U                          | A | S | 3 | E (100%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 植物病害診斷學<br>(English) Plant Disease Diagnosis  | U                          | A | S | 2 | B (50%)<br>E (50%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 雜草管理學<br>(English) Weed Management  | U                          | A | S | 2 | A (30%)<br>E (70%)  | 大四<br>Senior                                    | 農藝系<br>Department of<br>Agronomy                             |   |
| (中文) 作物抗病育種原理<br>(English) Principles of Breeding for Disease Resistance   | U                          | A | S | 2 | A (10%)<br>D (60%)<br>E (30%)                             | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |  奇數學年度開課<br>Offered in odd academic years  |
| (中文) 食用菌導論<br>(English) Introduction of Edible Fungi   | U                          | A | S | 2 | A (50%)<br>D (50%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology                      |   |
| (中文) 基因體農業新世代<br>(English) The New Era of Genomic Agriculture  | U                          | A | S | 2 | A (40%)<br>D (60%)  | 大四<br>Senior                                    | 園藝系<br>Department of<br>Horticulture                         |   |
| (中文) 智能綠金農場<br>(English) Smart Green Farm  | U                          | A | S | 2 | A (20%)<br>D (60%)<br>E (20%)                             | 大四<br>Senior                                    | 園藝系<br>Department of<br>Horticulture                         |   |
| (中文) 微生物技術教學實務訓練<br>(English) Practice of Teaching Microbiological Techniques  | U                          | C | S | 2 | C (70%)<br>E (30%)  | 大三<br>Junior                                    | 植病系<br>Department of<br>Plant Pathology                      | 限修 24 人<br>Limited to 24 students   |
| (中文) 植物免疫學 <br>(English) Plant Immunity | U                          | A | S | 2 | A (20%)<br>B (40%)<br>C (40%)                             | 大四<br>以上<br>Senior and above                    | 植病系<br>Department of<br>Plant Pathology                      |  進階課程<br>advanced course                   |
| (中文) 園藝作物病害<br>(English) Diseases of Horticultural Crops   | U                          | A | S | 2 | E (100%)  | 大四<br>Senior and above                          | 植病系<br>Department of<br>Plant Pathology                      |  偶數學年度開課<br>Offered in even academic years |

| 課程名稱 Course Title   | 規劃要點 (附註)<br>Plans (Notes) |    |   |   | 對應核心<br>能力編號<br>Corresponding<br>Education Goal<br>Number | 建議修<br>課年級<br>Recommended<br>Course<br>Division | 開課單位<br>Course Offering<br>Unit         | 備 註<br>Remarks  |
|---|----------------------------|----|---|---|---|---|---|---|
|   | 1                          | 2  | 3 | 4 |   |   |   |   |
| (中文) 植物檢疫<br>(English) Plant Quarantine   | U                          | A  | S | 2 | A(10%)<br>B(40%)<br>C(10%)<br>D(20%)<br>E(20%)            | 大四<br>以上<br>Senior and above                    | 植病系<br>Department of<br>Plant Pathology | 進階課程<br>advanced course<br>偶數學年<br>度開課<br>Offered in even<br>academic years |
| (中文) 擔子菌之分類及生態<br>(English) Taxonomy and Ecology of<br>Basidiomycota                              | U                          | A  | S | 2 | A (50%)<br>C (50%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology |   |
| (中文) 應用菇類學<br>(English) Applid Mushroom Cultivation   | U                          | AB | S | 3 | A (50%)<br>E (50%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology |   |
| (中文) 細菌遺傳學 <span style="background-color: #FF00FF;">英</span><br>(English) Bacterial Genetics      | U                          | A  | S | 3 | A (20%)<br>C (80%)  | 大四<br>以上<br>Senior and<br>above                 | 植病系<br>Department of<br>Plant Pathology | 進階課程<br>advanced course   |
| (中文) 循環農業資源之加值再造<br>(English) Circular Agriculture towards<br>Novel Value                         | U                          | A  | S | 2 | A (25%)<br>C (25%)<br>D (50%)                             | 大四<br>以上<br>Senior and<br>above                 | 植病系<br>Department of<br>Plant Pathology | 進階課程<br>advanced course   |
| (中文) 健康農業大數據：當多體學遇上基因編輯<br>(English) Big Data in Healthy Agriculture:<br>OMICs and Genome Editing | U                          | AB | S | 2 | A (30%)<br>C (20%)<br>D (50%)                             | 大四<br>以上<br>Senior and<br>above                 | 植病系<br>Department of<br>Plant Pathology | 進階課程<br>advanced course   |
| (中文) 種子病理學<br>(English) Seed Pathology  | U                          | A  | S | 2 | B (100%)  | 大四<br>以上<br>Senior and<br>above                 | 植病系<br>Department of<br>Plant Pathology | 奇數學年度<br>開課<br>Offered in odd<br>academic years<br>進階課程<br>advanced course  |
| (中文) 樹病學<br>(English) Forest Pathology  | U                          | A  | S | 3 | B (50%)<br>E (50%)  | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology |   |
| (中文) 畢業論文<br>(English) Undergraduate Thesis   | U                          | C  | Y | 4 | A (20%)<br>B (20%)<br>C (20%)<br>D (20%)<br>E (20%)       | 大四<br>Senior                                    | 植病系<br>Department of<br>Plant Pathology |   |

※附註：規劃要點填表說明：

Note: Instructions for completing this form are provided below (please provide the correct English alphabet letters in fields 1 to 4)

1：U-學士課程、M-碩士課程、D-博士課程。

U-Bachelor's program, M-Master's program, D-Doctoral program.

2：A-正課、B-實習課、C-台下指導之科目如學生講述或邀請演講之專題討論、專題研究……等。

A-Lecture, B-Internship, C-Subjects with private guidance such as student presentations or invited speeches, topic discussions, topic research, etc.

3：S-學期課、Y-學年課。S-Semester course, Y-Year-long course.

4：科目（全期或全年）總學分數（請填阿拉伯數字）。

Total course (full-semester or full-year) credits (in Arabic numerals).

【In case of any dispute, the explanation should be based in the Chinese version. 】