

生技醫療產業博士學位學程 修課規定表單

115 學年度

最低修業年限	博士班修業期限以二至七年為限
應修學分數	至少應修畢 18 學分
逕博應修學分數	至少應修畢 30 學分
應修(應選)課程及符合畢業資格之修課相關規定	(一)必修科目： <u>甲組(博士四年研發組)：</u> 1. 產業經營管理見習：至多 2 學分 2. 專題討論：2 學分(亦可修讀由學程會議認可，具等同內容、課名、學分的其他系所學程所開設之課程) 3. 產業實作：0 學分 (至少須選四學期) 4. 論文研究：每學年 1 學分 (資格考前至少需修畢 1 學分) 5. 生醫產業趨勢：2 學分 6. 以下課程三選二：(亦可修讀由學程會議認可，具等同內容、課名、學分的其他系所學程所開設之課程) (1) 生物技術原理：2 學分 (2) 生化：3 學分 (3) 細胞分子生物學：3 學分 <u>乙組(在職生組)：</u> 1. 產業經營管理見習：至多 2 學分 2. 專題討論：4 學分(資格考前至少需修畢 2 學分，亦可修讀由學程會議認可，具等同內容、課名、學分的其他系所學程所開設之課程) 3. 論文研究：每學年 1 學分(資格考前至少需修畢 1 學分) 4. 生醫產業趨勢：2 學分 (二) 選修科目： 1. 甲組(博士四年研發組)：生命科學院-生物醫學講座：1 學分(必選，至少須選 2 學期)。 乙組(在職生組)：生物醫學暨生技產業講座：1 學分(必選，至少須選 2 學期)。 2. 除本學程所開設課程外，亦得修習生命科學院或其他相關系所開設之生物醫學、產業相關課程(需經指導教授同意)。

Biomedical Industry Ph.D. Program

Academic Year 115

Mini. Term of Study	The period of study for students is limited to two to seven years
Minimum Credits	18 credits at least
Minimum Credits for Direct-Entrance Ph.D.	30 credits at least
Curriculum and Regulations	Required courses: A: Full-time students: 1. Industrial Business Administration Traineeship : 2 credits at most 2. Seminar : 2 credits (Students can also take the course by other departments that has been approved by the academic committee on the basis their content, course name and credit number.) 3. Industrial Practice : 0 credit (There must be no fewer than four semesters) 4. Progress Report : 1 credit (every academic year, the student needs to have 1 credit before his/her qualification test) 5. New Developments in Biotech Industry : 2 credits 6. Two out of three courses below : (Students can also take the course by other departments that has been approved by the academic committee on the basis their content, course name and credit number.) (1) Experimental Techniques in Molecular Biology : 2 credits (2) Biochemistry : 3 credits (3) Molecular Cell Biology : 3 credits B: Part-time students: 1. Industrial Business Administration Traineeship : 2 credits at most 2. Seminar : Four credits (The student needs to have 2 credits before his/her qualification test; Students can also take the course by other departments that has been approved by the academic committee on the basis their content, course name and credit number.) 3. Progress Report : 1 credit (every academic year; the student needs to have 1 credit before his/her qualification test) 4. New Developments in Biotech Industry : 2 credits Elective course: A: Full-time students : Special lectures on biomedicine : 1 credit (Students need to take this course for at least two semesters) ◦ B: Part-time students: Special Lectures on Biomedicine and Biotechnology Industry : 1 credit (Students need to take this course for at least two semesters) ◦ C: The Student can choose any biomedicine or Industry courses that are given by College of Life Sciences or others and have the agreement by his/her advisor.