

生物藥學研究所碩士班

110 學年度

最低修業年限	修業期限以一至四年為限。但在職進修研究生未在規定修業期限修滿應修課程或未完成學位論文者，得延長其修業年限一年。
應修學分數	至少應修畢二十四學分，其中包含本所訂定之必修及必選科目學分，論文學分另計。
應修（應選）課程及符合畢業資格之修課相關規定	<p>(一) 必修科目:</p> <ol style="list-style-type: none"> 1. 本國籍學生及僑生:生物藥學通論二學分，生物藥學特論二學分，生物藥學研究方法二學分，生物藥學實驗技術一學分，藥物開發的新趨勢一學分，尖端生物技術在生技新藥開發的應用一學分。學術研究倫理 0 學分。 2. 外籍學生:「生藥藥學通論」(Fundamentals in Biopharmaceutical Sciences)二學分，「轉譯生物藥學的實際應用」(Practical Applications in Translational Biopharmaceutical Sciences)二學分，「生物藥學實驗技術」(Experimental techniques for modern Biopharmaceutical Sciences)一學分，「學術研究倫理」0 學分。 3. 經指導教授同意，學生可選擇以中文或英文授課的生物藥學通論做為必修科目。 <p>(二) 必選科目:</p> <ol style="list-style-type: none"> 1. 本國籍學生及僑生:研究生在學期間需選修生物藥學專題討論四學分。碩二另需選修新藥開發專題討論一學分及生技新藥專題討論一學分。總計未修滿六學分者不得畢業。 2. 外籍學生: 在學期間有 3 學期須選修進階生物藥學專題討論，共選修 6 學分。 <p>(三) 畢業資格:</p> <ol style="list-style-type: none"> 1. 修畢本所必修及必選科目。 2. 合計修滿二十四學分。 3. 論文進度報告 <ol style="list-style-type: none"> (1) 研究生選定實驗室後，於第一學年度上學期十月底前舉行論文方向報告。 (2) 本所於第一學年度下學期二月底舉行第一次論文進度報告，由本所專、兼任老師參加評分。 (3) 本所於第二學年度上學期九月底舉行第二次論文進度報告，由本所專、兼任老師參加評分 (4) 本所於第二學年度上學期一月底前舉行第三次進度報告，以學位考形式邀請口試位委員評分。 (5) 若不能於二年內畢業者得於第三及第四學年度舉行論文進度報告。 (6) 未經所務會議同意延期者，如未如期舉行，視同不及格。 (7) 本所於第二學年四月底舉行資格考核，以論文口試為主。由全體專、兼任老師評定及格與否。超過三分之二老師評為不及格者，不得參加碩士學位考試。不及格者得於下一學年度開學後舉行資格考試，且應於規定修業期限內完成。 4. 通過論文口試。
備註	

Master Program of Bio-pharmaceutical Sciences

Academic Year 2021

Mini. Term of Study	The duration of study is limited to one to four years. However, in-service students who have failed to complete the required courses within the prescribed period of study or have not completed the thesis may extend for one year.
Minimum Credits	At least 24 credits shall be taken, including all required and required elective credits. Thesis credits are not included.
Curriculum and Regulations	<p>(1) Required courses:</p> <ol style="list-style-type: none"> ①. Local and overseas Chinese students: 2 credits for “Fundamentals of Biopharmaceutical Sciences,” 2 credits for “Advanced Biopharmaceutical Sciences,” 2 credits for “Research Methods in Biopharmaceutical Sciences,” 1 credit for “Experimental Techniques for Modern Biopharmaceutical Sciences,” 1 credit for “New Trends in Drug Development,” 1 credit for “Application of Advanced Biotechnology to the Botanical and Pharmaceutical Development,” and 0 credits for “Research Ethics.” ②. International students: 2 credits for “Fundamentals in Biopharmaceutical Sciences,” 2 credits for “Practical Applications in Translational Biopharmaceutical Sciences,” 1 credit for “Experimental Techniques for Modern Biopharmaceutical Sciences,” and 0 credits for “Research Ethics.” ③. With consent from the advisor, students can choose “Fundamentals of Biopharmaceutical Sciences” in either the Chinese or English taught as the required course. <p>(2) Required elective courses:</p> <ol style="list-style-type: none"> ①. Local and overseas Chinese students: Students need to take 4 credits of “Biopharmaceutical Sciences Seminar.” MS2 students need to take 1 credit of “Seminar on Drug Discovery” and 1 credit of “Seminars in Biotechnology & Development of Novel Therapeutic Agents.” Any student who has not completed a total of 6 course credits shall not be eligible to graduate. ②. International students: Students are required to take the “Advanced Biopharmaceutical Sciences Seminar” for 3 semesters with a total of 6 credits. <p>(3) Qualifications for graduation:</p> <ol style="list-style-type: none"> ①. Completion of required and required elective courses. ②. A total of 24 credits must be completed. ③. Progress Review <ol style="list-style-type: none"> A. After choosing the advisor, thesis proposal must be proposed before the end of October in the first semester of the first academic year. B. The first progress review will be held at the end of February in the second semester of the first academic year. Full-time and part-time faculty will participate in the review. C. The second progress review will be held at the end of September in the first semester of the second academic year. Full-time and part-time faculty will participate in the review. D. The third progressive review will be held before the end of January in the first semester of the second academic year. This review will be held in the committee format and oral defense committee members will participate. E. Any student who cannot graduate within 2 years can hold the progress review in the 3rd or 4th academic year. F. Any student, who has not held the progressive review as scheduled, shall be deemed to be disqualified if not approved by PI meetings. G. At the end of April of the second academic year, qualification examination will be held. Full-time and part-time faculty members will participate in the evaluation. If more than two-thirds of the faculty members evaluated as disqualified, the student will not be allowed to hold the thesis examination. Any student who fails may sit for the qualification examination after the start of the new academic year and shall complete the qualification examination

within the prescribed time limit of study.

④. Pass the thesis oral examination.