

微生物及免疫學研究所碩士班

113 學年度

最低修業年限	一年
應修學分數	至少應修畢 24 學分，其中包含本所訂定之必修科目
應修(應選)課程及符合畢業資格之修課相關規定	<p>本國生</p> <p>一般生</p> <p>必修課程</p> <p>①下列 a、b、c、d 必修課程四選三：</p> <p>a.高等微生物及免疫學通論-免疫學(2 學分)或免疫學(全英語)(2 學分)(中、英文版二擇一)</p> <p>b.高等微生物及免疫學通論-病毒學(2 學分)或病毒學(全英語)(2 學分)(中、英文版二擇一)、</p> <p>c.高等微生物及免疫學通論-細菌學(2 學分)或細菌學(全英語)(2 學分)(中、英文版二擇一)</p> <p>註：上述abc的中、英文版請擇一選修，若中、英二版都選修，其中一門不能計入畢業學分內。</p> <p>d.現代生物學研究方法(2 學分)</p> <p>②學術研究倫理(0 學分)</p> <p>必選課程</p> <p>①研究生於修業期限內必選修「微生物及免疫學專題討論」(2 學分)，至少需選修 3 次，作為畢業門檻。若有必要，得選修第 4 次。</p> <p>②自一年級第二學期起每學期必選修「微生物與免疫學研究」(2 學分)。</p> <p>③碩一生必選「生命科學院-生物醫學講座」(1 學分)，至少兩學期。</p> <p>醫師科學家組</p> <p>必修課程</p> <p>①下列 a、b、c 必修課程三選一：</p> <p>a.高等微生物及免疫學通論-免疫學(2 學分)或免疫學(全英語)(2 學分)(中、英文版二擇一)</p> <p>b.高等微生物及免疫學通論-病毒學(2 學分)或病毒學(全英語)(2 學分)(中、英文版二擇一)、</p> <p>c.高等微生物及免疫學通論-細菌學(2 學分)或細菌學(全英語)(2 學分)(中、英文版二擇一)</p> <p>註：上述abc的中、英文版請擇一選修，若中、英二版都選修，其中一門不能計入畢業學分內。</p> <p>②醫師科學家碩士專題研究(三)(3 學分)</p> <p>③醫師科學家碩士專題研究(四)(3 學分)</p> <p>④學術研究倫理(0 學分)</p> <p>必選課程</p> <p>①於修業期間內需選修「微生物與免疫學專題討論」(2 學分)，共需修 2 次，作為畢業門檻。</p> <p>外籍生</p> <p>必修課程：</p> <p>①下列 a、b、c、d 必修課程四選三：</p> <p>a.免疫學(全英語)(2 學分)</p> <p>b.病毒學(全英語)(2 學分)</p>

	<p>c.細菌學(全英語)(2 學分)</p> <p>d.現代生物學研究方法(中文版)(2 學分)、生醫科學實驗技術(英文版)(2 學分), 二選一</p> <p>③學術研究倫理, 0 學分</p> <p>必選課程:</p> <p>①研究生於修業期限內必選修「微生物及免疫學專題討論」(2 學分), 共至少需選修 3 次, 作為畢業門檻。若有必要, 得選修第 4 次。</p> <p>②自一年級第二學期起每學期必選修「微生物與免疫學研究」(2 學分)。</p> <p>③必選「生命科學院-生物醫學講座」(1 學分), 至少兩學期。</p>
備註	

Institute of Microbiology & Immunology Master Program

Academic Year 113

Mini. Term of Study	One year
Minimum Credits	To obtain the degree, students must complete at least twenty-four credits, including all required courses.
Curriculum and Regulations	<p><u>Native students</u></p> <p>General students</p> <p>Required courses:</p> <p>① Among the following courses: a, b, c and d. Please choose at least three.</p> <p>a. “Immunology” (2 credits), or “Immunology (in English)” (2 credits), choose one.</p> <p>b. “Virology” (2 credits), or “Virology (in English)” (2 credits), choose one.</p> <p>c. “Bacteriology” (2 credits) or “Bacteriology (in English)” (2 credits), choose one.</p> <p>Note: Among the above courses: a, b, and c, please choose between Chinese class or English class; if choosing both Chinese and English classes, the credit of one class cannot be added in the total required credits for graduation.</p> <p>d. “Research Methods for Modern Microbiology & Immunology” (2 credits)</p> <p>② “Research ethics” course (0 credit)</p> <p>Required elective courses:</p> <p>① Master's degree students are required to enroll in the "Microbiology and Immunology Seminar" (2 credits) at least three times during their study period as a graduation requirement. A fourth enrollment may be taken if necessary.</p> <p>② After choosing the experimental lab, except the first semester of the first year, Master students must enroll in the course “Microbiology and Immunology Research Progress Report” every semester.</p> <p>③ 1st year Master students must choose “School of Life Sciences - Biomedical Lecture” (1 credit), at least in 2 semesters.</p> <p><u>Medical students</u></p> <p>Required courses:</p> <p>① Among the following courses: a, b and c, please choose one.</p> <p>a. “Immunology” (2 credits), or “Immunology (in English)” (2 credits), choose one.</p> <p>b. “Virology” (2 credits), or “Virology (in English)” (2 credits), choose one.</p> <p>c. “Bacteriology” (2 credits) or “Bacteriology (in English)” (2 credits), choose one.</p> <p>Note: Among the above courses: a, b, and c, please choose between Chinese class or English class; if choosing both Chinese and English classes, the credit of one class cannot be added in the total required credits for graduation.</p> <p>② “Medical students Master Research Progress Report (3)” (3 credits) (First semester).</p> <p>③ “Master Research Progress Report (4)” (3 credits) (Second semester).</p> <p>④ “Research ethics” course (0 credit)</p> <p>Required elective courses:</p> <p>① Master's degree students need to take the " Microbiology and Immunology Seminar" (2 credits), 2 times in total, to be completed within the study period, as a requirement for graduation.</p> <p><u>International students</u></p> <p>Required courses:</p> <p>① Among the following courses: a, b, c, and d, please choose at least three.</p> <p>a. “Immunology (in English)” (2 credits),</p> <p>b. “Virology (in English)” (2 credits),</p> <p>c. “Bacteriology (in English)” (2 credits)</p> <p>d. “Research Methods for Modern Microbiology & Immunology” (in Chinese) (2 credits)</p>

	<p>or “Experimental techniques for biomedical science(in English)” (2 credits), choose one.</p> <p>②“Research ethics” course (0 credit)</p> <p>Required elective courses:</p> <p>① Master's degree students are required to enroll in the "Microbiology and Immunology Seminar" (2 credits) at least three times during their study period as a graduation requirement. A fourth enrollment may be taken if necessary.</p> <p>② After choosing the experimental lab, except the first semester of the first year, Master students must enroll in the course “Microbiology and Immunology Research Progress Report” every semester.</p> <p>③Master students must choose “School of Life Sciences - Biomedical Lecture” (1 credit), at least in 2 semesters.</p>
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