

微生物及免疫學研究所碩士班

110 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 一般生 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)或高等微生物及免疫學通論-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)或高等微生物及免疫學通論-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)或高等微生物及免疫學通論-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學分必選課程)</p> <p>①需選修「微生物與免疫學專題討論」(2 學分)，共需修 4 次，於修業期間內完成，且兩學年內至少必選一次「微生物與免疫學專題討論」(全英語)(2 學分)課程作為畢業門檻。</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碩一學生必選「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 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)或高等微生物及免疫學通論-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)或高等微生物及免疫學通論-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)或高等微生物及免疫學通論-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學分必選課程)</p> <p>①必選修「微生物與免疫學專題討論」(2 學分)，共需修 2 次，於修業期間內完成，且至少必選一次「微生物與免疫學專題討論」(全英語)(2 學分)課程作為畢業門檻。</p> <p>外籍生 必修課程:</p> <p>①下列 a、b、c 必修課程三選二：</p> <p>a. 高等微生物及免疫學通論-免疫學(全英語)(2 學分)</p> <p>b. 高等微生物及免疫學通論-病毒學(全英語)(2 學分)</p> <p>c. 高等微生物及免疫學通論-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 學分必選課程:</p> <p>①必選修「微生物與免疫學專題討論」(全英語)(2 學分)，共需修 4 次，於修業期間內完成。</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>
備註	

Institute of Microbiology & Immunology Master Program

Academic Year 2021

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 Regulations and	<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. “Advanced Microbiology and Immunology-Immunology” (2 credits), or “Advanced Microbiology and Immunology-Immunology (in English)” (2 credits), choose one.</p> <p>b. “Advanced Microbiology and Immunology-Virology” (2 credits), or “Advanced Microbiology and Immunology-Virology (in English)” (2 credits), choose one.</p> <p>c. “Advanced Microbiology and Immunology-Bacteriology” (2 credits) or “Advanced Microbiology and Immunology-Bacteriology (in English)” (2 credits), choose one.</p> <p style="padding-left: 40px;">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 need to take the " Seminars in Microbiology and Immunology" (2 credits), 4 times in total, to be completed within the study period, and within two years, native students group A and B must enroll in one time of the course “Seminars in Microbiology and Immunology (in English)” (2 credits), as a requirement for graduation.</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” 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>Medical students</p> <p>Required courses:</p> <p>① Among the following courses: a, b and c, please choose one.</p> <p>a. “Advanced Microbiology and Immunology-Immunology” (2 credits), or “Advanced Microbiology and Immunology-Immunology (in English)” (2 credits), choose one.</p> <p>b. “Advanced Microbiology and Immunology-Virology” (2 credits), or “Advanced Microbiology and Immunology-Virology (in English)” (2 credits), choose one.</p> <p>c. “Advanced Microbiology and Immunology-Bacteriology” (2 credits) or “Advanced Microbiology and Immunology-Bacteriology (in English)” (2 credits), choose one.</p> <p style="padding-left: 40px;">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 Progress Report (3)” (3 credits) (First semester).</p> <p>③“Master 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 " Seminars in Microbiology and Immunology" (2 credits),4 times in total, to be completed within the study period, and within two years, native students group A and B must enroll in one time of the course “Seminars in Microbiology and Immunology (in English)” (2 credits), 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. “Advanced Microbiology and Immunology-Immunology (in English) ” (2 credits),</p> <p>b. “Advanced Microbiology and Immunology-Virology(in English) ” (2 credits),</p> <p>c. “Advanced Microbiology and Immunology-Bacteriology(in English) ” (2 credits)</p> <p>d. “Research Methods for Modern Microbiology & Immunology” (in Chinese) (2 credits) 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 need to take the " Seminars in Microbiology and Immunology (in English) " (2 credits), 4 times in total, to be completed within the study period.</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” every semester.</p>
