

I-SHOU UNIVERSITY Department of Medical Science and Biotechnology Curriculum for Master's Students Admitted in Academic Year 2025

Category	First Year (2025)	Second Year (2026)
Required Professional Courses (14Credits)	M41718 Seminar(I) [2]1st M41719 Seminar(II) [2] 2nd	M41720 Seminar III [2] 1st M41721 Seminar IV [2] 2nd M41805 Research(I) [3] 1st M41806 Research(II) [3] 2nd M41M00 Master Thesis [0] 2nd M41M01 Research Conduct and Ethics[0]2nd
Elective Professional Courses (≥ 16Credits) (1.Elective courses “Independent Study” will not be included.2. Other electives: 9 credits (9 credits from other programs may be recognized with approval from the Program)	M41845 Introduction to Biotechnology[2] M41833 Practical Training[3] M41859 Laboratory teaching practicum (2) [1] M41856 Medical laboratory diagnostics[2] M41857 Medical microbiology and immunopathogenesis[2] M41850 Introduction of Medical Imaging with Deep Learning[2] M41851 Introduction of Radiological Medical Imaging[2] M41852 Medical Imaging Processing[2] M41811 Biostatistics[2] M41741 Application of antibody in biomedicine[3] M41739 Introduction to AI and Genetic Technology [2] M41735 Exploring the World of Omics[3] M41737 Environmental Health Science[2] M41816 Biomedical Materials [3] M41858 Laboratory teaching practicum (1) [1] M41855 Medical Laboratory Management[2]	
Category	Third Year (2027)	Fourth Year (2028)
Elective Professional Courses	M41807 Research III [1]1st M41808 Research IV [1]2nd	M41809 Research V [1]1st M41810 Research VI [1]2nd
Thesis	Thesis required courses without credits (capstone courses)	

Credits required for graduation from the Program	30 Credits
Note	In addition to the minimum credits, students should pass the English proficiency test and have at least one paper published in the domestic or foreign journals with the supervisor as the correspondent author to graduate.