

I-SHOU UNIVERSITY Graduate Institute of Medicine

Curriculum for Master's Students Admitted in Academic Year 2025

Category	First Year (2025)	Second Year (2026)
Required Professional Courses (26 Credits)	M47101 Introduction to Research Papers (I) [2] 1st M47102 Special topics in Cell biology [2] 1st M47103 Advanced Biostatistics [2] 1st M47104 Introduction to Research Papers (II) [2] 2nd M47105 Design of experiments [2] 2nd M47106 Special topics in Molecular biology [2] 2nd	M47201 Seminar in medical research (I) [2] 1st M47202 Big data analysis and application [2] 1st M47203 Thesis (I) [3] 1st M47204 Design and execution of clinical trials [2] 1st M47205 Seminar in medical research (II) [2] 2nd M47206 Thesis (II) [3] 2nd M47M00 Master Thesis [0] 2nd M47M01 Research Ethics [0] 2nd
Elective Professional Courses (≥6Credits) (Elective courses “Independent Study” will not be included.)	M47501 Biomedical Technology and Experiments(I)[2] M47502 Biomedical Technology and Experiments(II) [2] M47503 Seminar in Neuroscience [2] M47504 Seminar in Tumor Biology [2] M47505 Experimental Animal Models and Research Methods [2] M47506 Introduction to Clinical Trials [2] M47507 Clinical Medicine Research Methodology [2] M47508 Seminar in Immunology [2] M47509 Seminar in Hepatic Virology [2] M47510 Pharmacoepidemiology [2] M47511 Seminar in Drug Therapy [2] M47512 Seminar in Chinese Medicine [2] M47513 Seminar in Chinese Herbal Medicine [2] M47514 Principles and Applications of Immunology [2]	M47601 Seminar in Gene Regulation [2] M47602 Seminar in Application of AI in Medical Imaging [2] M47603 Statistical analysis of clinical trial data [2] M47604 Introduction to Tissue Engineering and experiment [2] M47605 Seminar in Cellular Immunotherapy [2] M47606 Advanced Big Data and Database Applications [2]
Category	Third Year (2027)	Fourth Year (2028)
Elective Professional Courses	M47301Independent Study (III) [1] 1st M47302 Independent Study (IV) [1] 2nd	M47401Independent Study (V) [1] 1st M47402 Independent Study (VI) [1] 2nd
Thesis	Thesis required courses without credits (capstone courses)	
Credits required for graduation from the Program	32 Credits	
Note	During the period of study, in addition to completing the total number of graduation credits, students should also publish at least one domestic and foreign seminar or journal paper with the full title of the first author (co-first author) and the Institute of Medicine of I-Shou University. It must be stipulated by the corresponding author (co-corresponding author) to be eligible for graduation.	