I-SHOU UNIVERSITY Graduate Program for Engineering Technology Curriculum for Master's Students Admitted in Academic Year 2026

Category	First Year (2026)	Second Year (2027)
College Core Courses (14 Credits)	M83M02 Seminar (I) [2] 1st M83M03 Seminar (II) [2]2nd M83M01 Research Ethics [0] 2nd	M83M29 Independent Study (I) [3] 1st M83M30 Independent Study (II) [3] 2nd M83M31 Seminar(III) [2] 1st M83M32 Seminar (IV) [2] 2nd M83M00 Master Thesis [0] 2nd
Elective Professional Courses (≧24Credits) **(Elective courses "Independent Study" will not be included.)**	**College Elective Courses – Common Core** M83M04 Advanced Engineering Mathematics [3] M83M05 Advanced Fluid Dynamics [3] M83M06 Special Topics in New Energy Technologies [3] M83M07 Research Methodology [3] M83M08 Green Engineering Technologies [3] M83M09 Finite Element Method [3] M83M10 Engineering Dynamics [3] **Elective Courses – Division of Intelligent Mechanical Engineering** M83M11 Intelligent Virtual-Reality Integrated and Analysis [3] M83M12 Intelligent Control System [3] M83M13 Intelligent Multidimensional Manufacturing Technology [3] M83M14 Numerical Controlled Mechanical Simulation and Practice [3] M83M15 Advanced Rapid Prototyping Technology and Applications [3] M83M16 Theory and Applications of Computational Fluid Dynamics [3] **Elective Courses – Division of Civil Engineering** M83M17 Practical Topics in Engineering Management [3] M83M18 Special Topics in Engineering Sustainability [3] M83M19 Smart Monitoring Systems [3] M83M20 Advanced Foundation Engineering [3] M83M21 Management Science [3] M83M22 Advanced Reinforced Concrete Design [3]	

Category	Third Year (2028)	Fourth Year (2029)
College Professional Elective Courses	M83M33 Independent Study (III) [1] 1st M83M34 Independent Study (IV) [1] 2nd	M83M35 Independent Study (V) [1] 1st M83M36 Independent Study (VI) [1] 2nd M83M37 Independent Study (VII) [1] 1st M83M38 Independent Study (VIII) [1] 2nd
Thesis	Thesis required courses without credits (capstone courses)	
Credits required for graduation from the Program	**38 Credits**	
Note	1.Among the 24 credits of professional electives, a maximum of 9 credits may be taken from courses offered by other divisions or departments. These credits may be counted toward graduation only with the approval of the academic advisor. 2.Students enrolled in this master's program should give priority to fulfilling required courses through those offered within the program.	