機器人碩士學位學程

110 學年度

最低修業年限	1 年
應修學分	24 學分：含本學程核心課程 12 學分(必修 3 門選 1 門) ；修業期間每學期需修習論文研討(書報討論)通過，至多 4 學期。 *為本學程必修課
應修(應選)課程及符合畢業資格之修課相關規定	*感測與智慧系統(3 學分) *深度學習與實務(3 學分) *機電系統設計與實務(3 學分) 機器人學(3 學分) 自走式機器人(3 學分) 自主駕駛車技術(3 學分) 機器學習(3 學分) 電腦視覺(3 學分) 車輛視覺系統(3 學分) 感測器原理與量測系統(3 學分) 人體神經力學(3 學分) 非線性控制系統(3 學分)
備註	1. 依據本校學術倫理教育課程實施辦法，入學第一學期結束前需至「臺灣學術倫理教育資源中心」平台修習學術倫理課程，並通過課程總測驗達及格標準。未通過總測驗之學生不得申請學位考試。 2. 本校 107 學年度(含)後入學學生須至本校網路教學平台修習「性別平等教育線上訓練課程」，並通過課程總測驗。未通過總測驗之學生不得申請學位考試。 3. 其他未盡事宜，依據本學程「修業規章」辦理。

Graduate Degree Program of Robotics

2021Academic Year

Minimum duration of study	1 year
Minimum number of credits	24 credits: Including 12 core course credits (3 required courses and 1 elective course). During study, students shall take and pass the course of "Seminar" up to 4 semesters. *Indicates the required courses for this program
Guidelines for required (elective) courses counted as graduation requirements	* Sensing and Intelligent Systems (3 credits) * Deep Learning and Practice (3 credits) * Mechatronics Design and Practice (3 credits) Robotics (3 credits) Mobile Robots (3 credits) Self-Driving Cars (3 credits) Machine Learning (3 credits) Computer Vision (3 credits) Vehicular Vision System (3 credits) Principles of sensors and measurement systems (3 credits) Human Neuromechanics (3 credits) Nonlinear Control System (3 credits)
Remarks	1. According to "Academic Ethics Education Program Implementation Rules": "Students should take courses on the "Center for Taiwan Academic Research Ethics Education" platform and pass the required approval standard for the final test before the end of the first semester after enrollment." 2. Students who are enrolled in (and after) Academic Year 2018 shall take "Gender Equity Education Online Training Course" through the University's online learning platform and pass the final test. Students who fail the final test cannot apply for degree exam.

| | 3. Matters not covered by this contract shall be settled will be executed in accordance with the "Regulations on Academic Studies for Master Program Students" for the Graduate Degree Program of Robotics. |