

Robotics Undergraduate Minor Requirements

Minimum 16 credits

	Course Number	Course Title
Date completed	(1 set of 2 courses) FOUNDATIONAL COURSE REQUIREMENT	
	ME EN 3220 ME EN 3220	Dynamic Systems & Control Mechatronics
	ECE 3610 ECE 5615	Fund. of Robotics & Cyberphysical Sys. Classical Control Systems
	CS 4300 CS 4640	Artificial Intelligence Image Processing Basics
Date completed	(3) CORE COURSE REQUIREMENT	
	Robot Mechanics Core Area (Required): ROBOT 5000/ CS 5310/ ECE 5650/ ME EN 5220	Robotics I: Mechanics
	Choose 2 from different areas (a,b, or c): a) Robot Control Core Area: ROBOT 5100/ ME EN 5230	Robotics II: Control
	b) Cognition Core Area: ROBOT 6200/ CS 6370/ ME EN 6225	Motion Planning
	or CS 4300	Artificial Intelligence
	c) Perception Core Area: CS 4640/ BME 4640	Image Processing
	or CS 5320	Computer Vision
Date completed	PROJECT REQUIREMENT (1 cr)	Course Title
	ROBOT 5920	Project