M.S. in Robotics & Autonomous Systems (Artificial Intelligence)

Degree requires: 30 Credit Hours including 6 Thesis Credits

☐ Thesis

☐ 6 Credit Hours Core Courses

☐ MAE 501 Linear Algebra in Engineering Semester: ______ Year: ______
☐ MAE 547 Modeling and Control of Robotics Semester: ______ Year: ______

☐ 12 Credit Hours Concentration Courses

☐ CSE 571 Artificial Intelligence Semester: ______ Year: ______

☐ 9 Credit Hours Concentration (IEE 598*, CSE 522, CSE 551, CSE 574, CSE 575, CSE 576, CSE 591/598*)

- Course______________ Semester: ______ Year: ______
- Course______________ Semester: ______ Year: ______
- Course______________ Semester: ______ Year: ______

*IEE 598 Optimal Foraging Theory: From Biology to Engineering
*CSE 598 Bio-Inspired AI & Optimization
*CSE 598 Smart City Infrastructure & Technology
*CSE 591/598 Advances in Robot Learning
*CSE 591/598 Cyber-Physical Systems
*CSE 591/598 Human-Aware Robotics
*CSE 591/598 Multi-Robot Systems
*CSE 591/598 Perception in Robotics

☐ 6 Credit Hours Electives

☐ 6 credit – electives must be selected from among the courses listed for the other three concentrations

- Course______________ Semester: ______ Year: ______
- Course______________ Semester: ______ Year: ______

☐ 6 credit – Thesis (CSE 599)

- CSE 599______________ Semester: ______ Year: ______
- CSE 599______________ Semester: ______ Year: ______

☐ Overall Credits

☐ At least 30 credit hours.
☐ CSE 584 internship credits are not included in the 30 credits. CPT credits are above and beyond the degree requirements.

Please use this sheet as a guide when filling out the iPOS. After electronic submission of the iPOS please turn in this sheet to your Academic Advisor.

Updated December 9, 2020