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

Degree requires 30 Credit Hours and Project Portfolio

☐ Non-Thesis (Project Portfolio)

☐ 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:_______

☐ 12 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 – approved electives (courses in science, engineering, math or others approved by the GPC)
  - Course_______________ Semester:_____  Year:_______
  - Course_______________ 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

☐ Project Portfolio is a compilation of 3 projects. Projects must be from the concentration courses

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

*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