

NAME: \_\_\_\_\_

ASU ID: \_\_\_\_\_

**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**

*\*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*

**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.**