# ARTIFICIAL INTELLIGENCE SYSTEMS

## PROGRAM INFORMATION

The Master of Science with a major in Artificial Intelligence Systems degree will provide students with a working knowledge of techniques and software commonly used in Artificial Intelligence Systems. The degree is designed for students with strong analytical and computing backgrounds. For example, students with strong computing backgrounds and B.S. degrees in areas such as computer engineering or science, industrial and systems engineering, or physics would qualify to pursue this degree. Students working toward a Ph.D. in other engineering fields, such as agricultural and biological, biomedical, civil and coastal, chemical, electrical, environmental, mechanical, and aerospace and materials science engineering, may also be interested in and qualified to pursue this degree.

The Master of Science with a major in Artificial Intelligence Systems is a 30- credit hour, non-thesis degree that consists of a set of 6 core courses (18 credit hours), one project course (3 credit hours), and 3 electives options selected from Table 1 (9 credit hours). The students will also have the option to have a committee chair/program faculty advisor reflected in UF GIMS.

### Degrees Offered

## DEGREES OFFERED WITH A MAJOR IN Artificial intelligence systems

- Master of Science

### Student Learning Outcomes

## Artificial intelligence Systems

SLO 1    Knowledge
To analyze, design, implement, and evaluate an AI systems solution to meet a given set of system requirements.

SLO 2    Skills
To recognize professional responsibilities and make informed decisions when developing AI systems based on legal, ethical, and policy principles.

SLO 3    Professional Behavior
To function effectively as a member of a team engaged to develop an AI systems solution.