

Robotics and Autonomous Systems (RAS) MS Degree Check Sheet

MAE Concentration

Thesis

Name _____ Date _____
ID _____ Admitted _____

Core Courses (6 credit hours)

Term Taken

- | | | | |
|------------|--------------------------------|---|-------|
| 1. MAE 501 | Linear Algebra in Engineering | 3 | _____ |
| 2. MAE 547 | Modeling and Control of Robots | 3 | _____ |

Required MAE Concentration Courses (6 credit hours)

MAE 506 is a required course. Select ONE additional concentration course from the following:

MAE 508: Digital Control: Design and Implementation

MAE 598: Multi-Robot Systems

MAE 598: Bio-Inspired Robots

MAE 598: LMI Methods in Optimal and Robust Control

- | | | | |
|------------|---|---|-------|
| 1. MAE 506 | Advanced System Modeling, Dynamics, and Control | 3 | _____ |
| 2. | _____ | 3 | _____ |

Electives (12 credit hours)

At least two courses (6 credit hours) must be non-MAE concentration RAS electives:

[Approved Elective List](#)

- | | | | |
|----|-------|---|-------|
| 1. | _____ | 3 | _____ |
| 2. | _____ | 3 | _____ |
| 3. | _____ | 3 | _____ |
| 4. | _____ | 3 | _____ |

Thesis:

- | | | | |
|----|-------|---|-------|
| 1. | _____ | 6 | _____ |
|----|-------|---|-------|

TOTAL

30

Notes: