

M.S. Astronomy

Program	M.S. in Astronomy
Department(s)	Physics and Astronomy
College	Sciences

1. Student Learning Outcomes for the program. List the Student Learning Outcomes for the program. *Number for later reference.*

1. understanding of a variety of fields of physics and astronomy at the graduate level
- 2*. performance of an astronomy research project suitable for a masters thesis
- 3*. ability to communicate scientific research to a scientific audience
4. ability to solve graduate-level problems in physics and astronomy
5. confidence and ability to think independently

*thesis option only.

2. Curriculum Alignment of Student Learning Outcomes. Where is the information covered in the courses required in the program?
At what developmental stage is it covered (Beginning, Middle, or End)?

Student Learning
Outcomes for the
Program

Courses in
program
(required &
electives)

1 (use #s from 1 st page)	2	3							
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AST 713-714	B								
Two more AST 7xx courses from a list**	M								
AST 6xx, 7xx PHY 6xx, 7xx PHYS 699*	B,M								
		E	E						

** two from this list: AST 710, 721, 725, 747, 771

* thesis option only

B = Beginning, M = Middle, E = End

B = outcome introduced in beginning of development, such as in introductory course

M = outcome covered in middle stages of development

E = outcome fully developed at the end of career, such as in a capstone course