

Astronomy BA- LASS Track

Fall 2009 – Spring 2010

CONTACT INFORMATION

- Honors College Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Chair: Robert Ehrlich (rehrlich@gmu.edu)
- Department Undergraduate Coordinator: Joe Weingartner (jweingal@gmu.edu)

Once students begin attending Mason and declare a major they should see both their Honors College and their major department advisor for advising.

REQUIRED HOURS

- Hours Required in Major: 41 (minimum GPA 2.00)
- Hours Required in Honors: Contact honors advisor
- Total Required Hours: 120, 45 of which must be at the 300-level and above.

ADVISING SHEET

- Honors College Requirement
- Department Requirement
- ▲ College Requirement

1 st Year – 1 st Semester (Fall)	Credits
○ HNRS 110: Introduction to Research (Grade C or better required)	4
○ HNRS 122: Reading the Arts	3
◆ MATH 113: Analytic Geometry and Calculus I or Math 115: Analytic Geometry and Calculus I (Honors) ^{1,3}	4
◆ ASTR 111: Introductory Astronomy: The Solar System	3
◆ ASTR 112: Introductory Astronomy Lab: The Solar System	1
Semester Total	15
1 st Year – 2 nd Semester (Spring)	
○ HNRS 130: Conceptions of Self	3
◆ MATH 114 (prerequisite: grade of C or better in MATH 133) or MATH 116: Analytic Geometry and Calculus II ³	4
◆ PHYS 160/161 or PHYS 160H/161: University Physics I or PHYS 243: College Physics	3-4
◆ ASTR 113: Introductory Astronomy: Stars, Galaxies, and the Universe	3
◆ ASTR 114: Introductory Astronomy Lab: Stars, Galaxies, and the Universe	1
Semester Total	14/15
2 nd Year – 1 st Semester (Fall)	
○ HNRS 131: Contemporary Society in Multiple Perspectives	3
○ HNRS 240: Reading the Past	3
◆ ASTR 301: Astrobiology	3
◆ PHYS 260/261 or PHYS 260H/261: University Physics II or PHYS 245: College Physics	3-4
◆ Elective	3
Semester Total	14-15

2 nd Year – 2 nd Semester (Spring)	
○ HNRS 230: Cross-Cultural Perspectives	3
○ HNRS 353: Technology in the Contemporary US (Grade of C or better required)	3
◆ Elective or (PHYS 262 if PHYS 160 and 260 were taken)	3
◆ ASTR 302: Foundations of Cosmological Thought	3
◆ Elective or see Dept. ²	3
Semester Total	15
3 rd Year – 1 st Semester (Fall)	
▲ Foreign Language	6
◆ ASTR 402: Methods of Observational Astronomy	3
◆ Electives or see Dept. ²	6
Semester Total	15
3 rd Year – 2 nd Semester (Spring)	
▲ Foreign Language	3
◆ ASTR 403: Planetary Sciences or ASTR elective	3
◆ Electives or see Dept. ²	9
Semester Total	15
4 th Year – 1 st Semester (Fall)	
◆ Electives	9
◆ Electives 300+ Level (See Dept.)	6
Semester Total	15
4 th Year – 2 nd Semester (Spring)	
◆ ASTR 490: Astronomy Capstone	3
◆ Electives	12
Semester Total	15
Total Hours	118-120

NOTES

1. MATH 113 or HNRS 125 fulfills the quantitative reasoning requirement for the Honors College. Math 113 requires a placement exam. See the Math Department for exam days and times.
2. Electives (15 credits at least 3 credits in upper-level courses) drawn from the following list (or with permission of the department and course instructor) from advanced ASTR, PHYS, or MATH courses: ASTR 390, 403, 408; PHYS 121, 122, 123, 124; CS 112; BIOL 103, 104, 213; CHEM 101, 102, 103, 104, 155, 156, 201, 202, 211; GEOL 101, 102.
3. See Astronomy Advisor to determine which Physics & Math tracks are best for you.