

## Astronomy BA- LASS Track

Fall 2008 – Spring 2009

### CONTACT INFORMATION

- Honors Program Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Chair: Robert Ehrlich (rehlich@gmu.edu)
- Department Undergraduate Coordinator: Joe Weingartner (jweinga1@gmu.edu)

### REQUIRED HOURS

- Hours Required in Major: 41
- Hours Required in Honors: Contact honors advisor
- Total Required Hours: 120
- This major requires a total of 120 credits to graduate, 45 of which must be at the 300-level and above.

### ADVISING SHEET

- Honors Program Requirement
- Department Requirement
- ▲ College Requirement

<b>1<sup>st</sup> Year – 1<sup>st</sup> Semester (Fall)</b>		<b>Credits</b>
○ HNRS 110: Introduction to Research (Grade C or better required)		4
◆ MATH 113: Analytic Geometry and Calculus I or Math 115: Analytic Geometry and Calculus I (Honors)		4
◆ ASTR 111: Introductory Astronomy: The Solar System		3
◆ ASTR 112: Introductory Astronomy Lab: The Solar System		1
○ HNRS 122: Reading the Arts		3
	Semester Total	15
<b>1<sup>st</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>		
○ 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		4
◆ PHYS 160 or PHYS 160H: 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
<b>2<sup>nd</sup> Year – 1<sup>st</sup> Semester (Fall)</b>		
○ HNRS 131: Contemporary Society in Multiple Perspectives		3
○ HNRS 240: Reading the Past		3
◆ ASTR 301: Astrobiology		3
◆ PHYS 260 or PHYS260H: University Physics II or PHYS 245: College Physics		3
◆ Elective		3
	Semester Total	15
<b>2<sup>nd</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>		

○ 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.	3
Semester Total	15
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3 <sup>rd</sup> Year – 1 <sup>st</sup> Semester (Fall)	
▲ Foreign Language	6
◆ ASTR 402: Methods of Observational Astronomy	3
◆ Electives or see Dept.	6
Semester Total	15
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3 <sup>rd</sup> Year – 2 <sup>nd</sup> Semester (Spring)	
▲ FOREIGN LANGUAGE	3
◆ ASTR 403: Planetary Sciences or ASTR elective	3
◆ Electives or see Dept.	9
Semester Total	15
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4 <sup>th</sup> Year – 1 <sup>st</sup> Semester (Fall)	
◆ Electives	9
◆ Electives 300+ Level (See Dept.)	6
Semester Total	15
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4 <sup>th</sup> Year – 2 <sup>nd</sup> Semester (Spring)	
◆ ASTR 490: Astronomy Capstone	3
◆ Electives	12
Semester Total	15
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Total Hours	119-120

#### NOTES

1. The Physics and Astronomy Dept. offers a BA in Astronomy with 20 credit hours in Astronomy, 6 or 10 in Physics, 6 or 8 in Mathematics and 15 in electives.
2. See Astronomy Advisor to determine which Physics & Math tracks are best for you.