

PHYSICS BS – LASS Track

Fall 2009 – Spring 2010

CONTACT INFORMATION

- Honors College Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Chair: Robert Ehrlich
- Department Undergraduate Advisor: Philip Rubin (prubin@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: 45
- Hours Required in Honors: See honors advisor
- This major requires 120 credits to graduate, 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 (a placement exam is required) ²	4
◆ PHYS 122/123: Inside Relativity/ Inside the Quantum World	1/1
◆ Elective	3
Semester Total	15
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1 st Year – 2 nd Semester (Spring)	
○ HNRS 130: Conceptions of Self	3
◆ Elective	3
◆ MATH 114: Analytic Geometry and Calculus II (prerequisite: "C" or better in MATH 113) or MATH 116	3
◆ PHYS 160 or 160H and 161: University Physics I/University Physics I Laboratory	3/1
Semester Total	14
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2 nd Year – 1 st Semester (Fall)	
○ HNRS 131: Contemporary Society in Multiple Perspectives	3
◆ MATH 203: Matrix Algebra	3
◆ MATH 213: Analytic Geometry and Calculus III	3
◆ PHYS 260/261: University Physics II/ University Physics Laboratory (or 260 section restricted to Honors students only and any 261) (Co-requisite: MATH 213)	3/1
◆ Elective	3
Semester Total	16

2nd Year – 2nd Semester (Spring)	
○ HNRS 230: Cross-Cultural Perspectives	3
◆ CS 112: Introduction to Computer Programming	4
◆ MATH 214: Elementary Differential Equations	3
◆ PHYS 262 or 262H /263: University Physics III/ University Physics III Laboratory (Co-requisite: MATH 214)	3/1
◆ Elective	3
Semester Total	16
3rd Year – 1st Semester (Fall)	
○ HNRS 240: Reading the Past	3
◆ See Major Dept.	
Semester Total	15
3rd Year – 2nd Semester (Spring)	
○ HNRS 353: Technology in the Contemporary World (grade of C or better required)	3
◆ See Major Dept.	
Semester Total	15
4th Year – 1st Semester (Fall)	
◆ See Major Dept.	
Semester Total	15
4th Year – 2nd Semester (Spring)	
◆ See Major Dept.	
Semester Total	15
Total Hours	121

NOTES

1. See Dept. Chair for specific requirements for major courses.
2. MATH 113 fulfills the quantitative reasoning requirement for Honors. MATH 113 requires a placement exam. See the Math department for exam days or times.