

Mathematical Sciences BA LASS Track

Fall 2009 – Spring 2010

CONTACT INFORMATION

- Honors College Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Associate Chair: Klaus Fischer (kfischer@gmu.edu)
- Department Undergraduate Director: Jay Shapiro (jshapiro@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: 39
- Hours Required in Honors: See 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: (designated placement score required) ¹	4
◆ Elective (CS 112: Introduction to Computer Programming is recommended)	4
Semester Total	15
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1 st Year – 2 nd Semester (Spring)	
○ HNRS 130: Conceptions of Self	3
◆ MATH 114: Analytic Geometry and Calculus II (prerequisite: "C" or better in MATH 113) or MATH 116: Analytic Geometry and Calculus II (Honors)	4
◆ MATH 125: Discrete Mathematics I	3
▲ Elective (Foreign Language)	6
Semester Total	16
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2 nd Year – 1 st Semester (Fall)	
○ HNRS 131: Contemporary Society in Multiple Perspectives	3
○ HNRS 227: Scientific Thought & Processes I ²	4
▲ Elective (Foreign Language)	3
◆ MATH 213 or 215: Analytic Geometry and Calculus	3
◆ MATH 203: Matrix Algebra	3
Semester Total	16
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2 nd Year – 2 nd Semester (Spring)	
○ HNRS 228: Scientific Thought & Processes II	4
○ HNRS 353: Technology in the Contemporary US (Grade of C or better required) or Elective	3
○ HNRS 230: Cross Cultural Perspectives	3

◆ MATH 216: Theory of Differential Equations (prereq: MATH 203 and MATH 213 or 215)	3
◆ MATH 290: Foundations of Mathematics	3
Semester Total	16
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3 rd Year – 1 st Semester (Fall)	
○ HNRS 240: Reading the Past	3
The Dept. of Mathematical Sciences assigns permanent advisors for Mathematics Majors. Rising juniors and seniors should consult an advisor for course selection.	
Semester Total	15-16
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3 rd Year – 2 nd Semester (Spring)	
○ HNRS 353: Technology in the Contemporary US (Grade of C or better required) if not taken previously	3
Continue to see your MATH Dept. Advisor.	
Semester Total	15-16
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4 th Year – 1 st Semester (Fall)	
Continue to see your MATH Dept. advisor.	
Semester Total	15-16
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4 th Year – 2 nd Semester (Spring)	
Continue to see your MATH Dept. advisor.	
Semester Total	15-16
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Total Hours	123-27

NOTES

1. MATH 113 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. ASTR 111/112, BIOL 103, CHEM 103, GEOL 101, PHYS 103 or 243/244 will substitute for HNRS 227