

## CHEMISTRY BA – LASS TRACK

Fall 2009 – Spring 2010

### CONTACT INFORMATION

- Honors College Advisor: Kathleen Alligood (alligood@gmu.edu)
- Department Chair: Gregory Foster
- Department Undergraduate Coordinator: John Schreifels (jschreif@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: 37
- 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

<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
○ HNRS 122: Reading the Arts		3
◆ MATH 113: Analytic Geometry and Calculus I (designated placement score required) <sup>1</sup>		4
◆ CHEM 211 or 211H: General Chemistry or Honors General Chemistry		4
	Semester Total	15
<b>1<sup>st</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>		
○ 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
◆ CHEM 212 or 212H: General Chemistry or Honors general Chemistry		4
◆ Elective		3
	Semester Total	14
<b>2<sup>nd</sup> Year – 1<sup>st</sup> Semester (Fall)</b>		
○ HNRS 131: Contemporary Society in Multiple Perspectives		3
◆ MATH 213: Analytic Geometry and Calculus III		3
◆ CHEM 313 & CHEM 315: Organic Chemistry and Organic Chemistry Lab I		5
◆ PHYS 243 & PHYS 244: College Physics and College Physics Lab (required before CHEM 331)		4
	Semester Total	15
<b>2<sup>nd</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>		
○ HNRS 230: Cross-Cultural Perspectives		3
◆ CHEM 314: Organic Chemistry		3
◆ CHEM 318: Organic Chemistry Lab II		2

◆ PHYS 245 & 246: (required before CHEM 331)	4
◆ Elective	3
Semester Total	15
<b>3<sup>rd</sup> Year – 1<sup>st</sup> Semester (Fall)</b>	
○ HNRS 240: Reading the Past	3
◆ CHEM 321: Elementary Quantitative Analysis	4
◆ CHEM 331: Physical Chemistry I	3
◆ CHEM 336: Physical Chemistry Lab I	2
◆ Elective	3
Semester Total	15
<b>3<sup>rd</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>	
○ HNRS 353: Technology in the Contemporary World (grade of C or better required)	3
◆ CHEM 332: Physical Chemistry II	3
◆ CHEM 337: Physical Chemistry Lab II	2
◆ CHEM 350: Computer Techniques for Chemistry	3
◆ Elective 300-level and above	3
Semester Total	14
<b>4<sup>th</sup> Year – 1<sup>st</sup> Semester (Fall)</b>	
▲ Foreign Language	6
◆ Electives 300-level or above	6
◆ Electives	5
Semester Total	17
<b>4<sup>th</sup> Year – 2<sup>nd</sup> Semester (Spring)</b>	
▲ Foreign Language	3
◆ CHEM Electives	6
◆ Electives	6
Semester Total	15
Total Hours	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.