

CHEMISTRY BA – LASS TRACK

Fall 2008 – Spring 2009

CONTACT INFORMATION

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

REQUIRED HOURS

- Hours Required in Major: 37
- Hours Required in Honors: see 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

1 st Year – 1 st Semester (Fall)	Credits
○ HNRS 110: Introduction to Research (grade C or better required)	4
◆ MATH 113: Analytic Geometry and Calculus I (designated placement score required) ¹	4
◆ CHEM 211 or 211H: General Chemistry or Honors General Chemistry	4
Missing class goes here	3
Semester Total	15
<hr/>	
1 st Year – 2 nd Semester (Spring)	
○ HNRS 122: Reading the Arts	3
○ 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
Semester Total	14
<hr/>	
2 nd Year – 1 st Semester (Fall)	
○ 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
<hr/>	
2 nd Year – 2 nd Semester (Spring)	
○ 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
3rd Year – 1st Semester (Fall)	
○ 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
3rd Year – 2nd Semester (Spring)	
○ 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
4th Year – 1st Semester (Fall)	
▲ Foreign Language	6
◆ Electives 300-level or above	6
◆ Electives	5
Semester Total	17
4th Year – 2nd Semester (Spring)	
▲ Foreign Language	3
◆ CHEM Electives	6
◆ Electives	6
Semester Total	15
Total Hours	120

NOTES

1. MATH 113, HNRS 125 or 226 all fulfill the quantitative reasoning requirement for the Honors Program