Chemistry Core and Major Requirements (Bachelor of Science) – Catalog Year 2012

### Major Requirements:

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<td>16</td>
<td>CHEM 1213/1211L, Chemistry for Majors I* (Pre- or Coreq: MATH 1203 or higher or MPT) And CHEM 1223/1221L, Chemistry for Majors II* (CHEM 1213/1211L or CHEM 1103/1101L) OR CHEM 1103/1101L, University Chemistry I* (I/Pra- or Co-requisite: MATH 1203 or higher or MPT) And CHEM 1123/1121L, University Chemistry II* (CHEM 1103, MATH 1203) And CHEM 2263/2261L, Analytical Chemistry/Lab (CHEM 1123/1121L or CHEM 1074/1071L, MATH 1203 or higher) CHEM 3504, Physical Chemistry (CHEM 1123/1121L, PHYS 2074, Pre or Co-req: MATH 2564)</td>
<td>29</td>
<td>CHEM 3514/3512L, Physical Chem II (CHEM 3504) CHEM 3703/3702L, Org Chem I for Majors (CHEM 1123/1121L or CHEM 1123/1121L) CHEM 3713/3712L, Organic Chemistry for Majors (CHEM 3703/3702L) CHEM 4123, Advanced Inorganic Chemistry I (CHEM 3514) CHEM 4213/4211L, Instrumental Analysis (CHEM 2922, CHEM 2272, CHEM 3613/3611L, CHEM 3613/3611L, CHEM 3514 or CHEM 3453) CHEM 4723, Experimental Methods in Organic and Inorganic Chemistry (CHEM 3504, 3514, SCHEM 3513/3611L or CHEM 3713/3712L) And At least one additional CHEM advanced lecture course (3000+)*</td>
<td>20</td>
<td>Fine Arts/Humanities: Choose at least 1 course from both sections Section 1: Fine Arts ARCH 1003 Architecture Lecture ARHS 1003 Art History Lecture COMM 1003 Film Lecture DAN 1003 Basic Movement and Dance DRAM 1003 Intro to Theatre Lecture LARC 1003 The American Landscape MLIT 1003 Music Lecture Section 2: Humanities ARCH 1013 Diversity and Design CLST 1003 Classical Studies: Greece CLST 1013 Classical Studies: Rome COMM 1233 Media, Community, and Citizenship HUMN 2003 Intro to Gender Studies HUMN 1124H, Equilibrium of Cultures: 500-1600* HUMN 2124H, Twentieth Century Global Culture* PHIL 2003(C) Intro to Philosophy PHIL 2103 Intro to Ethics PHIL 2203 Intro to Logic World Language Intermediate I (2003) course§ WLIT 1113 World Literature I WLIT 1123 (WLIT 1113) World Literature II</td>
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**Courses may be applied to Core**

### Electives to complete 124 hour requirement

No graduation credit is awarded for a world language 1003 course to students continuing with the language begun in high school (See 2012-2013 Catalog of Studies)

For more information, contact the Dept of Chemistry/Biochemistry: CHEM 119 479-575-4648 chemistry.ua.edu

**This form is **NOT** a substitute for the Catalog of Studies. Students should verify this information with their advisor, their degree audit, and the Catalog of Studies.**

**Writing Requirement:** Chemistry majors will satisfy the Fulbright College writing requirement by satisfactory completion of the formal research/analytical reports required in Physical Chemistry Laboratory or CHEM 3512L.