UNIVERSITY OF ALABAMA AT BIRMINGHAM
SCHOOL OF NATURAL SCIENCES AND MATHEMATICS
DEPARTMENT OF CHEMISTRY

TYPICAL UNDERGRADUATE COURSE OFFERINGS
2007-08

(REQUIRED prerequisites in red)

[Suggested prerequisites in orange]

Fall	Spring	Summer 9-week session
CH 115 with CH 115R and CH 116 General Chemistry I + recitation + lab (CH 100 or HS CH ≥C; ≥MA 106*)	CH 115 with CH 115R and CH 116 General Chemistry I + recitation + lab (CH 100 or HS CH ≥C; ≥MA 106*)	CH 115 with CH 115R and CH 116 General Chemistry I + recitation + lab (CH 100 or HS CH ≥C; ≥MA 106*)
CH 117 with CH 117R and CH 118 General Chemistry II + recitation + lab (CH 115 ≥C)	CH 117 with CH 117R and CH 118 General Chemistry II + recitation + lab (CH 115 ≥C)	CH 117 with CH 117R and CH 118 General Chemistry II + recitation + lab (CH 115 ≥C)
CH 235 with CH 235R and CH 236 Organic chemistry I + recitation + lab (CH 117 ≥C)	CH 235 with CH 235R and CH 236 Organic chemistry I + recitation + lab (CH 117 ≥C)	CH 235 with CH 235R and CH 236 Organic chemistry I + recitation + lab (CH 117 ≥C)
CH 237 with CH 237R and CH 238 Organic Chemistry II + recitation + lab (CH 235 ≥C)	CH 237 with CH 237R and CH 238 Organic Chemistry II + recitation + lab (CH 235 ≥C)	CH 237 with CH 237R and CH 238 Organic Chemistry II + recitation + lab (CH 235 ≥C)
CH 345 with CH 345L Principles/appl. of Chem. Periodicity + lab (CH 237 ≥C; CH 238 ≥C)	CH 355 with CH 355L Analysis Techniques + lab (CH 117 ≥C)	CH 355 with CH 355L Analysis Techniques + lab (CH 117 ≥C)
CH 325 with CH 325L Thermodynamics & Chem. Kinetics + lab (MA 126, PH 201, CH 117) [CH 355]	CH 326 with CH 326L Structure/Bonding & Mol. Spectroscopy (MA 126, PH 202, CH 117) [CH 355]	
CH 461 Biochemistry I (CH 237 ≥C) [BY 123]	CH 462 Biochemistry II (CH 461≥C)	CH 463 (3 credit hours) Biochemistry laboratory (CH 355 ≥C; CH 461 ≥C)
	CH 464 (3 credit hours) Physical Biochemistry laboratory) (CH 325 ≥C; CH 355 ≥C; CH 461 ≥C)	
CH 450 with CH 450L Instrumental Analysis + lab (CH 355 ≥C)	CH 440 Transition Metal Chemistry (CH 345 ≥C) [CH 326]	
CH 497 Senior Research [CH 355] (CH 237; ≥2.50 GPA; ≥3.00 CH GPA)	CH 497 Senior Research [CH 355] (CH 237; ≥2.50 GPA; ≥3.00 CH GPA)	CH 497 Senior Research [CH 355] (CH 237; ≥2.50 GPA; ≥3.00 CH GPA)
CH 499 Honors Thesis (Approved application) (CH 497 x2); ≥3.00 GPA; ≥3.25 CH GPA)	CH 499 Honors Thesis (Approved application) (CH 497 x2); ≥3.00 GPA; ≥3.25 CH GPA)	CH 499 Honors Thesis (Approved application) (CH 497 x2); ≥3.00 GPA; ≥3.25 CH GPA)

Lecture classes are three credit hours each. Labs are one credit hour each except for CH 463 and CH 464.
Recitations are zero credit hours each (but are graded).

"With" indicates that the two parts of the class are "co-requisites," which means they must be taken in the same semester.
"And" indicates that the lab may be taken in the same semester as the lecture or in a later semester.

* - If MA 106 or a more advanced math has not been completed prior to taking CH 115, it is a co-requisite.

Please contact advisor Jamie Grimes (jamieg@uab.edu) with any questions regarding this list.

Revised 08102007 JRG