ACS-Certified Degree in Chemistry

Effective Spring 2009, Students can receive a degree certified by the American Chemical Society (ACS), by fulfilling the following requirements:

Prerequisite courses (MATH 121, MATH 122, PHYS105, PHYS106)

Core Curriculum (38 semester hours; 378 laboratory contact hours)
CHEM 111 General Chemistry I with Laboratory (4 credits, 42 laboratory contact hours)
CHEM 112 General Chemistry II with Laboratory (4 credits, 42 laboratory contact hours)
CHEM 211 Organic Chemistry I with Laboratory (4 credits, 42 laboratory contact hours)
CHEM 212 Organic Chemistry II with Laboratory (4 credits, 42 laboratory contact hours)
CHEM 253 Analytical Chemistry I with Laboratory (4 credits, 42 laboratory hours)
CHEM 254 Analytical Chemistry II with Laboratory (4 credits, 42 laboratory hours)
CHEM 343 Inorganic Chemistry (3 credits)
CHEM 345 Inorganic Chemistry Laboratory I (1 credit, 42 laboratory hours)
CHEM 383 Physical Chemistry I (3 credits)
CHEM 387 Physical Chemistry I Laboratory (2 credits, 42 laboratory hours)
CHEM 384 Physical Chemistry II (3 credits)
CHEM 388 Physical Chemistry II Laboratory (2 credits, 42 laboratory hours)

Advanced Courses (8 credits, enough laboratory hours to meet 500 contact hours total)
CHEM 317 Biochemistry I (3 credits)
CHEM 319 Biochemistry I Laboratory (1 credit, 42 laboratory hours)
CHEM 423 Experimental Methods in Chemistry (4 credits, 42 laboratory hours)
CHEM 453 Seminar (2 credits)
Enough laboratory hours to complete the ACS requirement – could be fulfilled with CHEM 320 or CHEM 491)