

Bachelor of Arts Degree in Chemistry, College of Science Business Specialization

<i>University Core Curriculum Requirements</i> ¹	41
<i>College of Science Academic Requirements</i>	6
Biological Sciences – six hours (not UCC courses) ^{1,2}	
Mathematics – completed with the Chemistry major	
Physical Sciences – completed with the Chemistry major	
Supportive Skills – a minimum of six hours from two subject areas:	
Computer Science 201 or 202; English 290, 291 or 391; Mathematics 282 or 483	
<i>Requirements for Major in Chemistry</i> ¹	62
Introductory: Chemistry 200 ¹ , 201, 210, 211	(3) + 7
Foundation: Chemistry 330, 340, 341, 350 ² , 351, 360, 361, 411, 410	24
Mathematics 150 ^{1,3} , 250	(3) + 5
Physics ⁴ 205a,b; 255a,b	8
Chemistry Elective: 431, 434, 442, 452 or 460	3
Business Coursework	(3) + 15
Accounting 220, 230; Economics 240 ¹ ; Finance 330;	
Management 304 (or 318); and Marketing 304.	
<i>Electives</i>	11
<i>Total</i>	120

¹A total of nine hours of biological science, mathematics, and physical science course work are accounted for in the 41-hour University Core Curriculum requirement. An additional three hours of social science are accounted for if students take Economics 240 in the *Business Specialization*.

²A total of three hours of biological sciences are completed with biological chemistry or biochemistry. Chemistry 451a may substitute for Chemistry 350, if a student continues with Chemistry 451b.

³Prerequisite is Mathematics 111 or 108 and 109. The elective hours are decreased by three to six hours for students who place into a course lower than calculus.

⁴Prerequisite is Mathematics 150. Students may take Physics 203a,b and 253a,b to meet requirements for the Bachelor of Arts Degree.

Business Specialization Curricular Guide

Chemistry B.A. with Business and Administration Minor

FIRST YEAR	FALL	SPRING
CHEM 200/201, 210/211 General Chemistry	5	5
BIOL 200a, 200b General Biology	4	4
MATH 109, 150 Trig & Calculus I	3	4
ENGL 101 Composition	-	3
UCOL 101s Scientific Inquiry	3	-
CI 199 Library Info	1	-
<i>Total</i>	16	16

SECOND YEAR	FALL	SPRING
Accounting 220 & Business 123	-	4
CHEM 330 Quantitative Analysis	5	-
CHEM 350/351 Biochemistry	-	5
CHEM 340/341 Organic Chemistry	5	-
MATH 250 Calculus II	4	-
ENGL 102 Composition & PHIL 105 Logic	3	3
Psychology 102	-	3
<i>Total</i>	17	15

THIRD YEAR	FALL	SPRING
Accounting 230 & Finance 330	3	3
CHEM 360/361 Physical Chemistry	4	-
ECON 240, 241 Microeconomics, Macroeconomics	3	3
PHYS 205a,b 255a,b University Physics	4	4
UCC Human Health & Speech 101	2	3
ENGL 290 Writing	-	3
<i>Total</i>	16	16

FOURTH YEAR	FALL	SPRING
BUS 302 Career & MATH 282 Statistics	4	-
CHEM 434 Instrumental Analysis	4	-
CHEM 410/411 Inorganic Chemistry	-	5
Marketing 304 & Management 304	3	3
UCC Fine Arts & Multicultural	3	3
UCC Humanities	-	3
<i>Total</i>	14	14