

**DUQUESNE UNIVERSITY**  
**Suggested Sequence for B.S. in Biochemistry**

<b>Freshman Year (Fall)</b>	<b>CR</b>	<b>Freshman Year (Spring)</b>	<b>CR</b>
CHEM 121/121L Chemistry I/Lab	5	CHEM 122/122L Chemistry II/Lab	5
BIOL 111/113 Biology I/Lab	4	BIOL 112/114 Biology II/Lab	4
UCOR 101 Thinking & Writing	3	UCOR 102 Imag. Lit & Critical Writing	3
MATH 115 Calculus I	4	MATH 116 Calculus II	<u>4</u>
COSC 030 Research/Info Skills	<u>1</u>		
	17		16
<b>Sophomore Year (Fall)</b>	<b>CR</b>	<b>Sophomore Year (Spring)</b>	<b>CR</b>
CHEM 211H/211LH Honor's O-Chem I/Lab	4	CHEM 212H/212LH Honor's O-Chem II/Lab	4
PHYS 111 Gen Analytical Physics I	4	PHYS 212 Gen Analytical Physics II	4
UCOR Theology Requirement	3	CHEM 230L Research Lab Techniques	2
UCOR 132 Basic Philosophical Questions	3	SPRG 105 Career Development Seminar	1
MATH 225 Biostatistics	<u>4</u>	ENGL 302W Science Writing	3
	17	MATH 335 Biostatistics II	<u>3</u>
			17
<b>Junior Year (Fall)</b>	<b>CR</b>	<b>Junior Year (Spring)</b>	<b>CR</b>
CHEM 321 Physical Chemistry	4	CHEM 322 Physical Chemistry II	4
CHEM 423 Analytical Chemistry	3	CHEM 402 Biochemistry II	3
CHEM 401 Biochemistry I	3	CHEM 311 Inorganic Chemistry	3
UCOR Ethics Requirement	3	HIST 307 History of Science	3
GENL General Elective	<u>3</u>	UCOR Faith and Reason Requirement	<u>3</u>
	16		16
<b>Senior Year (Fall)</b>	<b>CR</b>	<b>Senior Year (Spring)</b>	<b>CR</b>
CHEM 325L/R Integrated Lab I	4	CHEM 425L/R Integrated Lab II	4
BIOL ___ Biology Elective*	3	CHEM 475 Senior Seminar	1
CHEM ___ Chemistry Elective*	3	BIOL ___ Biology Elective*	3
UCOR Global Diversity Requirement	3	UCOR Social Justice Requirement	3
UCOR Creative Arts Requirement	<u>3</u>	GENL General Elective	<u>3</u>
	16		14
<b>Total = 126 credits</b>			

The University will offer various courses each semester to satisfy the UCOR requirements. UCOR courses can be taken in any sequence throughout the undergraduate curriculum.

\*Biology electives include any course between the 300-400 level. Chemistry electives include any course numbered CHEM 275, 391, 503, 504, 534, 540, 546, 548, 565, 574, 585, 586, 587.

Note: Undergraduate research is strongly encouraged, especially during the junior year.