

**DUQUESNE UNIVERSITY**

**Suggested Sequence for B.S. in Chemistry and M.S. in Environmental Science & Management**

<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 215 Calculus III	<u>4</u>	ENGL 302W Science Writing	3
	18	GENL General Elective	<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 311 Inorganic Chemistry	3
CHEM 401 Biochemistry I	3	HIST 307 History of Science	3
UCOR Ethics Requirement	3	UCOR Faith and Reason Requirement	3
ENVI 472 Environmental Biology	<u>3</u>	CHEM 452 Environmental Chemistry	<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
CHEM ___ Chemistry Elective	3	CHEM 475 Senior Seminar	1
CHEM ___ Chemistry Elective	3	ENVI 531 Environmental Management	3
UCOR Global Diversity Requirement	3	UCOR Social Justice Requirement	3
UCOR Creative Arts Requirement	<u>3</u>	GENL General Elective	3
	16	ENVI 541 Environmental Policy and Law	<u>2</u>
			16
<b>Fifth Year (Fall)</b>	<b>CR</b>	<b>Fifth Year (Spring)</b>	<b>CR</b>
ENVI 571 Water Pollution, Prev and Control	3	ENVI 551 Principles of Enviro Science	3
ENVI 535 Enviro Public Relations	3	ENVI 670 Enviro Toxicology	2
ENVI 549 Quantitative Enviro Methods	3	ENVI 570 Air Pollution, Prev and Control	3
ENVI 600 Internship	<u>0-6</u>	ENVI 533W Writing for Enviro Science	3
	9	ENVI 537 Enviro Conflict Resolution	<u>3</u>
			14
<b>Total = 122 credits</b>			

(Students must take at least one field course equal to ENVI 466, 492, 494 or other course approved by their faculty mentor.....Other courses, including courses at other institutions, may be approved by the student's faculty mentor)  
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.

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