

Suggested Sequence for B.S. in Biology and M.S. in Education

Freshman Year (Fall)	CR	Freshman Year (Spring)	CR
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	UCOR Theology Requirement	3
COSC 030 Research/Info Skills	<u>1</u>	UCOR Social Justice Requirement	<u>3</u>
	17		18
Sophomore Year (Fall)	CR	Sophomore Year (Spring)	CR
CHEM 211/211L Organic Chemistry I/Lab	4	CHEM 212/212L Organic Chemistry II/Lab	4
BIOL 212 Cell and Molecular Biology	4	BIOL Genetics Concentration	3
MATH 225 Biostatistics	3	MATH 335/116 Biostatistics II or Calculus II	3/4
ENGL 302W Science Writing	3	UCOR 132 Basic Philosophical Questions	3
GENL General Elective	<u>3</u>	GENL General Elective	3
	17	SPRG 105 Career Development Seminar	<u>1</u>
	17		17
Junior Year (Fall)	CR	Junior Year (Spring)	CR
PHYS 201 Physics for Life Sciences I	4	PHYS 202 Physics for Life Sciences II	4
BIOL 370W Biology Lab I	4	BIOL 37xW Biology Lab II, III or IV	4
BIOL Organismal Concentration	3	BIOL Supra-Organismal Concentration	3
HIST 307 History of Science	3	UCOR Ethics Requirement	3
BIOL 490 Biology Seminar	<u>1</u>	UCOR Creative Arts Requirement	<u>3</u>
	16		17
Junior Year (Summer)	CR		
GSCE 520 Introduction to Teaching	3		
GRLA 529/521 Reading in Sec. Schools or Reading Program Instruction	3		
GREV 525 Educational Research Literacy	<u>3</u>		
	9		
Senior Year (Fall)	CR	Senior Year (Spring)	CR
BIOL ___ Biology Elective	3	BIOL ___ Biology Elective	3
BIOL ___ Biology Elective/Research	3	BIOL ___ Biology Elective/Research	3
UCOR Faith and Reason Requirement	3	UCOR Global Diversity Requirement	3
GENL General Elective	3	GSPE 661/661/625 Disabilities or Gifted or Inclusive Education (pick two)	6
GSCE 58x Field Experience	0	UCOR 124 Core Earth Science	<u>3</u>
GSCE 570 Gateway 1 Technology	1		
GENL General Elective	<u>3</u>		
	16		18
Senior Year (Summer)	CR		
GESL 508/503/646 Cultural or Multicultural or Intercultural Education Literature	3		
GSCE 571 Gateway 2 Diversity	0		
GFDE 510 Theories of Teaching	<u>3</u>		
	6		
Fifth Year (Fall)	CR	Fifth Year (Spring)	CR
GSCE 631 Instructional Techniques	3	GSCExxx Student Teaching	9
GSCE 636 Teaching Sec. School Science	3	GSCE 573 Gateway 4 Leadership	<u>0</u>
GSCExxx Field Experience	1		
GSCE 572 Gateway 3 Readiness for Teaching	<u>0</u>		
GSCE 635 Teaching Sec. School Math (optional 3 for math certification)	10		9
Total = 158 credits			

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.