

## COLLEGE OF SCIENCE – BIOLOGICAL SCIENCE MAJOR

**A minimum of 40 CREDITS** must be earned from within BSC; Independent study BSC 485 – 488 does **NOT** count toward this requirement. BSC 227, 228 & 250 do **NOT** count toward this major. *Course offerings are subject to change semesters. Consult each semester's schedule of courses for availability. A 2.0 GPA in your major is required for graduation.*

### COMPLETED MAJOR SPECIFIC REQUIREMENTS

<i>Required Courses</i>	<i>Semester</i>	<i>Hrs</i>	<i>Grade</i>		<i>Semester</i>	<i>Hrs</i>	<i>Grade</i>
BSC 120 Principles I	F&S	4	_____		*BSC 322 Cell	All	4 _____
BSC 121 Principles II	F&S	4	_____		*BSC 324 Genetics	All	4 _____
*BSC 302 Prin Micro	F&S	3	_____		BSC 491 Capstone	All	2 _____
*BSC 320 Ecology	All	4	_____		<i>*Prereq. for most upper biology Electives</i>		<b>Total 25 Hours</b>

*Required by Major Electives – Pick ONE elective from EACH group (Three required).*

#### Group One - Cellular/Molecular/Medical

*BSC/CHM 365 Biochem	Fall	3	_____
BSC 420 Plant Physiology	Spring	4	_____
BSC 422 Animal Phys	F&S	4	_____
*BSC 450 Molecular	Fall	3	_____

#### Group Two - Ecology & Evolutionary

BSC 413 Organic Evol	Fall	3	_____
BSC 417 Biostatistics	F&S	3	_____
BSC 425 Biosystematics	Fall	3	_____

#### Group Three –Microbiology

BSC 304 Micro Lab	F&S	2	_____
*BSC/CHM 365 Biochem	Fall	3	_____
BSC 443 Micro Gen	Fall	3	_____

*\*\*Prereq for BSC 365 is CHM 356 & Prereq for BSC 450 is BSC 322*

*Allowable BSC Electives – Choose from 300-400 level BSC offerings to meet a **MINIMUM of 40 credit hours.***

BSC \_\_\_\_\_ BSC \_\_\_\_\_

**COMPLETED – CHEMISTRY** (Completion with a C average of the listed Chemistry courses provides a minor.)

CHM 211 Chem I (Pre-reqs: ACT 23 or higher <b>OR</b> CHM 111 with C or better) & 217, Lab	3, 2	_____	_____
CHM 212 Chem II (Pre-reqs: C or better in CHM 211) & 218, Lab	3, 2	_____	_____
CHM 355 Organic I (Pre-reqs: C or better in CHM 212)	3	_____	_____
CHM 356 Organic II (Pre-reqs: C or better in CHM 355)	3	_____	_____
CHM 361 Organic Lab	3	_____	_____

**COMPLETED – PHYSICS** (Pre-reqs. ACT MTH 27 or higher, MTH 229, 132, **OR** 127/130/140 **AND** 122)

PHY 201 & 202, Gen Physics I & Lab	3, 1	_____	_____
PHY 203 & 204 Gen Physics II & Lab	3, 1	_____	_____

**COMPLETED – MATHEMATICS** (Depends on ACT/SAT math scores)

MTH 229 Calculus I* <sup>#</sup>	5	_____	<b>OR</b>	MTH 132 Pre-Calculus <sup>#</sup>	5	_____
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**OR TWO** of the following:

MTH 127 or 130 Algebra <sup>#</sup>	5 or 3	_____		MTH 122 Trig <sup>#</sup>	3	_____
MTH 140 Applied Calc* <sup>#</sup>	3	_____		MTH 225 Statistics	3	_____

*\*Calculus is a COS Specific Requirement.*

*#MTH 229, 132, **OR** 127/130/140 **AND** 122 is prerequisite(s) for PHY 201.*

*Suggested courses for upcoming semester*

*Catalog Yr.*

Department	Course	Credit Hrs.	Department	Course	Credit Hrs.

*Notes:*

\_\_\_\_\_  
*Student's Signature*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Advisor*