

Suggested Course Sequence – 2009-10

Milligan College, TN

www.milligan.edu | 423.461.8700



BIOLOGY (BS)

Fall Semester	Hours	Spring Semester	Hours
Freshman			
BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Ancient & Medieval Cult.	4	HUMN 102 Renais. & Early Mod. Cult.	4
PSYC 100 Intro to College & Service	½	COMP 111 Rhetorical Composition	3
CHEM 170 General Chemistry I	4	CHEM 171 or CHEM 151	4
Social Learning Course	3	HPXS 101 Fitness for Life	1
TOTAL	14.5	TOTAL	15
Sophomore			
BIOL 111 Principles of Biology I	4	BIOL 112 Principles of Biology II	4
HUMN 201 18 th & 19 th Cent. Cult.	4	HUMN 202 Cult./20 th & Early 21 st Cent.	4
CHEM 301 Organic Chemistry I (*)	3	CHEM 302 Organic Chemistry II (*)	5
COMP 211 Found. Analytical Comp.	3	COMM 102 Speech Communication	3
MATH 211 PreCalc/Calculus I	4	PSYC 210 Intro to Calling & Career	½
TOTAL	18	TOTAL	16.5
Junior			
BIOL 130 or BIOL 360**	4	BIOL 310 or BIOL 450	4
PHYS 203 General Physics I (*)	4	PHYS 204 General Physics II (*)	4
General Electives	9	Ethnic Studies Course	3
		General Electives	3
TOTAL	17	TOTAL	14
Senior			
BIOL Electives	8	BIOL Electives	8
HPXS Activity	1	BIBL 471 Christ & Culture	3
Social Learning Course	3	General Electives	6
General Electives	4		
TOTAL	16	TOTAL	17

[The minimum total of 128 hours for graduation are shown]

(*) CHEM 301 & 302 and PHYS 203 & 204 are prerequisites for many health professions programs; they are not however required for the biology major; CONSULT with your Advisor

(**) Could also choose BIOL 210 (spring course) in place of either BIOL 130 or BIOL 360

FALL Biology Electives

BIOL 131 Environmental Studies
 BIOL 250 Anatomy & Physiology I
 BIOL 360 Ecology
 BIOL 380 Microbiology & Immunology
 BIOL 430 Advanced Anatomy
 BIOL 452 Cell Biology

SPRING Biology Electives

BIOL 210 Flora & Fauna So. Appal.
 BIOL 251 Anatomy & Physiology II
 BIOL 310 Genetics
 BIOL 362 Vertebrate Field Biology
 BIOL 450 Molecular Biology
 BIOL 430 Advanced Anatomy
 BIOL 460 Neuroanatomy

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Offered as needed:

BIOL 330 Comparative Vertebrate Anatomy

BIOL 340 Animal Physiology

BIOL 342 Embryology

BIOL 451 Research Seminar

BIOL 340 Animal Physiology

BIOL 341 Animal Histology (online)

BIOL 490 Research Problem

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BIBL 123 Old Testament Survey	3	BIBL 124 New Testament Survey	3
HUMN 101 Humanities	4	HUMN 102 Humanities	4
PSYC 100 Intro to College & Service	½	COMP 111 Rhetorical Composition	3
COMM 102 Speech Communication	3	HPXS 101 Fitness for Life	1
BIOL 111 Principles of Biology I	4	BIOL 112 Principles of Biology II	4
TOTAL	14.5	TOTAL	15
Sophomore			
HUMN 201 Humanities	4	HUMN 202 Humanities	4
COMP 211 Found. Analytical Comp.	3	Social Learning Course	3
CHEM 170 General Chemistry I	4	CHEM 151 or CHEM 171	4
Foreign language	3	Foreign Language	3
General Elective	3	PSYC 210 Intro to Calling & Career	½
TOTAL	17	TOTAL	16.5
Junior			
BIOL 130 or BIOL 360**	4	BIOL 310 or BIOL 450	4
MATH 211 or 213	3 or 4	Ethnic Studies Course	3
Foreign Language	3	Foreign Language	3
General Elective	3	HPXS Activity Course	1
Social Learning Course	3	General Electives	6 or 5
TOTAL	16 or 17	TOTAL	17 or 16
Senior			
BIOL Elective	4	BIOL Elective	4
BIBL 471 Christ & Culture	3	General Electives	12
General Electives	9		
TOTAL	16	TOTAL	16

[The minimum total of 128 hours for graduation are shown]

(**) Could also choose BIOL 210 (spring course) in place of either Biol 130 or Biol 360

Other courses may be required as prerequisites for post-baccalaureate programs; CONSULT with your Advisor regarding your career plans

FALL Biology Electives

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 BIOL 250 Anatomy & Physiology I
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 BIOL 452 Cell Biology

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