



## ACADEMIC TENTATIVE DEGREE COMPLETION CHECKLIST

College of Science, Department of Biomedical Sciences

### BS, Human Biology, Version 2

Student Name	Banner ID	
Catalog Year	Anticipated Graduation Date	Advisor
Additional Comments:		

YEAR 1 WL	Semester 1 Fall	Hours	Semester 2 Spring	Hours
	<input type="checkbox"/> BIO 124/125 BIOLOGICAL PRINCIPLES & LAB <input type="checkbox"/> MATH 130 COLLEGE ALGEBRA W/ APPL OR GENERAL EDUCATION COURSE 1 <input type="checkbox"/> GENERAL EDUCATION COURSE 2 <input type="checkbox"/> ENG 101 OR GENERAL EDUCATION COURSE 3 <input type="checkbox"/> COLL 101 FIRST YEAR EXPERIENCE <input type="checkbox"/>	4 4 3 3 2 	<input type="checkbox"/> BIO 202/203 ZOOLOGY & LAB <input type="checkbox"/> BIO 208 FOUNDATIONS OF CELL & MOLECULAR <input type="checkbox"/> MATH 130 COLLEGE ALGEBRA W/ APPL OR MATH 145 PRE-CALCULUS <input type="checkbox"/> BIO 210 BIOMEDICAL TERM (ONLINE) OR GENERAL EDUCATION COURSE 4 <input type="checkbox"/> GENERAL EDUCATION COURSE 5 <input type="checkbox"/>	4 3 4 3 3 
	Semester Hours: 16		Semester Hours: 17	

Notes: This version of Human Biology is for students who do not meet or exceed the Math ACT/SAT minimum score of 22/540. Students with a Math ACT/SAT score of 21/530 can enroll in the 4 credit hour version of MATH 130 College Algebra with Applications; all others must enroll in the 5 credit hour version. MATH 145 Pre-Calculus is the required Math for Human Biology and must be taken in the Fall semester. Students with a Math ACT/SAT score of 21/530 or better may take MATH 145 in the Spring semester.

YEAR 2 WL	Semester 1 Fall	Hours	Semester 2 Spring	Hours
	<input type="checkbox"/> BIO 206 BIO ANTHROPOLOGY OR BIO 306 BIOTECH <input type="checkbox"/> CHEM 110/111 GENERAL CHEMISTRY I & LAB <input type="checkbox"/> RESTRICTED ELECTIVE 1 <input type="checkbox"/> PHYS 101/111 PHYSICS I & LAB OR GENERAL EDUCATION COURSE 6 <input type="checkbox"/> RESTRICTED ELECTIVE 2 <input type="checkbox"/>	3 4 4 4 3 	<input type="checkbox"/> RESTRICTED ELECTIVE 3 <input type="checkbox"/> CHEM 112/113 GENERAL CHEMISTRY II & LAB <input type="checkbox"/> PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 7 <input type="checkbox"/> BIOMEDICAL CORE COURSE (RESTRICTED ELECTIVE 4) <input type="checkbox"/> <input type="checkbox"/>	4 4 4 4 
	Semester Hours: 18		Semester Hours: 16	

Notes: Restricted Electives must include at least 1 biomedical core course. 31 credit hours of restricted electives must be BIO and/or CHEM 300-400 level courses. All restricted electives are listed below 4-year plan. Physics requires a grade of "C" or better in MATH 145 Pre-Calculus.

YEAR 3 WL	Semester 1 Fall	Hours	Semester 2 Spring	Hours
	<input type="checkbox"/> BIO 221 BIOSTATS OR RESTRICTED ELECTIVE 5 <input type="checkbox"/> PHYS 101/110 PHYSICS I & LAB OR GENERAL EDUCATION COURSE 6 <input type="checkbox"/> RESTRICTED ELECTIVE 6 <input type="checkbox"/> GENERAL EDUCATION COURSE 8 <input type="checkbox"/> RESTRICTED ELECTIVE 7 <input type="checkbox"/>	3 4 4 3 4 	<input type="checkbox"/> BIO 221 BIOSTATS OR RESTRICTED ELECTIVE 5 <input type="checkbox"/> PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 7 <input type="checkbox"/> RESTRICTED ELECTIVE 8 <input type="checkbox"/> GENERAL EDUCATION COURSE 9 <input type="checkbox"/> RESTRICTED ELECTIVE 9 <input type="checkbox"/>	3 4 4 3 3 
	Semester Hours: 18		Semester Hours: 17	

Notes:

YEAR 4 WL	Semester 1 Fall	Hours	Semester 2 Spring	Hours
	<input type="checkbox"/> BIO 480 BIOLOGY CAPSTONE <input type="checkbox"/> GENERAL EDUCATION COURSE 10 <input type="checkbox"/> RESTRICTED ELECTIVE 10 <input type="checkbox"/> RESTRICTED ELECTIVE 11 <input type="checkbox"/> GENERAL ELECTIVE <input type="checkbox"/>	1 3 3 4 3 	<input type="checkbox"/> BIO 480 BIOLOGY CAPSTONE <input type="checkbox"/> RESTRICTED ELECTIVE 12 <input type="checkbox"/> RESTRICTED ELECTIVE 13 <input type="checkbox"/> GENERAL ELECTIVE <input type="checkbox"/> GENERAL ELECTIVE <input type="checkbox"/>	1 3 4 3 3 
	Semester Hours: 14		Semester Hours: 14	

Notes: Up to 14 restricted electives may be required to reach the 43 credit hour total. Five to nine credit hours of general electives are needed to total 120 credit hours.

**COURSE ROTATIONS FOR REQUIRED COURSES:**

BIO 210 BIOMEDICAL TERM	Both semesters (online only)
BIO 206 BIOLOGICAL ANTRHOLPOLOGY	Even Falls
BIO 306 BIOTECHNOLOGY	Every Fall
BIO 480 BIOLOGY CAPSTONE	Full Year (Fall + Spring, in order)

**COURSE ROTATIONS FOR RESTRICTED ELECTIVES:**

BIO 302/303 HUMAN A&P I	Both semesters
BIO 317 IMMUNOLOGY	Spring only
BIO 325/326 MICROBIOLOGY	Both semesters
BIO 328/334 HUMAN A&P II	Both semesters
BIO 330 NUTRITION	Spring and Summer (online only)
BIO 338 MEDICAL BOTANY	Odd Springs
BIO 343 VETERBRATE ZOOLOGY	Check with Department Chair
BIO 356 PARASITOLOGY	As needed (online only)
BIO 401 GENETICS	Spring only
BIO 412 NEUROSCIENCE	As needed
BIO 423 PATHOPHYSIOLOGY	Spring only
BIO 460/461 MOLECULAR BIOLOGY	Fall only
BIO 462 MICROBIAL PATH	Fall only
BIO 465 VIROLOGY	Even Springs
BIO 470 BIOCHEMISTRY	Fall only
BIO 472 CELL BIO	Spring only