

## ACADEMIC TENTATIVE DEGREE COMPLETION CHECKLIST

College of Sciences, Department of Biomedical Sciences

## **BS**, Human Biology

Student Name			Banner ID		
Catalog Year Additional Comments: -	Anticipated Graduation Date		Advisor		
Semester 1 Fa	II	Hours	Semester 2 Spring	Hour	
BIO 124/125 BIOLOGIO		4	☐ BIO 202/203 ZOOLOGY & LAB	4	
CHEM 110/111 GENER		4	BIO 208 FOUNDATIONS OF CELL & MOLECULAR BIOLOGY	3	
	JLUS OR GENERAL EDUCATION COURSE  L EDUCATION COURSE 1	4 3	☐ CHEM 112/113 GENERAL CHEMISTRY I & LAB ☐ MATH 145 PRE-CALCULUS OR GENERAL EDUCATION COURSE 2	4	
COLL 101 FIRST YEAR EXPERIENCE		2	GENERAL EDUCATION COURSE 3	3	
	. 2.1. 2.1.2.102	-		·	
	Semester Hours	: 17	Semester Hours:	18	
Notes: This version of Hi			um score of 22/540. Students must take PSYC 101 and SOC 150 among the general edu	ucation	
courses within the	e 4-vear time frame.				
Semester 1 Fa	ll	Hours	Semester 2 Spring	Hour	
☐ BIO 206 BIO ANTHROI	POLOGY OR BIO 306 BIOTECH	3	☐ RESTRICTED ELECTIVE 3	4	
☐ RESTRICTED ELECTIVE 1		4	☐ BIO 210 BIOMEDICAL TERM (ONLINE)	3	
RESTRICTED ELECTIV		4	PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6	4	
PHYS 101/110 PHYSICS I & LAB OR GENERAL EDUCATION COURSE 5		4	☐ BIOMEDICAL CORE COURSE (RESTRICTED ELECTIVE 4)	4	
GENERAL EDUCATIO	N COURSE 4	3	GENERAL EDUCATION COURSE 7	3	
	Semester Hours	: 18	Semester Hours:	18	
Notes: Restricted elective help with a 4-year		nours of restric	ted electives must be BIO and/or CHEM 300-400 level courses. All restricted electives are		
Restricted elective	nlan	nours of restric	ted electives must be BIO and/or CHEM 300-400 level courses. All restricted electives and Semester 2 Spring	e listed	
Restricted elective helow the A-waar Semester 1 Fa	nlan			e listed	
Restricted elective halow the Assert  Semester 1 Fa  BIO 221 BIOSTATS OF	nlan	Hours	Semester 2 Spring	e listed Hour	
Restricted elective halow the Assert Fa  BIO 221 BIOSTATS OF	Nennicred Elective 5 SI & LAB OR GENERAL EDUCATION COURSE 5	3 4 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8	e listed Hour	
Restricted elective helper the 1-year Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO	Nan  R RESTRICTED ELECTIVE 5 SS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8	3 4 4 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9	Hour 4	
Restricted elective helper the 1-year Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE	Nan  R RESTRICTED ELECTIVE 5 SS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8	3 4 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9	Hour 4 1 3 3 3	
Restricted elective helper the A-year Semester I Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO	Nan  R RESTRICTED ELECTIVE 5 SS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8	3 4 4 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9	Hour 4 1	
Restricted elective helper the 1-year Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO	Nan  R RESTRICTED ELECTIVE 5 SS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8	3 4 4 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9	Hour  4 1 3 3 3	
Restricted elective helow the A-weer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO	NOTION NOTION OF THE PROPERTY	3 4 4 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9	Hour  4 1 3 3 3 3 3	
Restricted elective halow the 1-year Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO	Nan  R RESTRICTED ELECTIVE 5 SS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8	3 4 4 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9	Hour  4 1 3 3 3 3 3	
Restricted elective helpew the 1-year semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO RESTRICTED ELECTIVE RESTRICTED ELECTIVE RESTRICTED ELECTIVE RESTRICTED ELECTIVE RESTRICTED	NET PROPERTY OF THE PROPERTY O	3 4 4 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9	Hour 4 1 3 3 3 3 3 3 17	
Restricted elective halow the A-waar  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATION RESTRICTED ELECTIVE Notes:	Name of the second seco	Hours 3 4 4 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9  Semester Hours:	Houl  4 1 3 3 3 3 1 7	
Restricted elective helpow the Aurear  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATION RESTRICTED ELECTIVE Notes:  Notes:	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II	3 4 4 3 4 : 18	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9 Semester Hours:	Hour Hour Hour Hour Hour Hour Hour Hour	
Restricted elective helow the Aurear  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIO RESTRICTED ELECTIVE GENERAL EDUCATIO RESTRICTED ELECTIVE  Notes:  Semester 1 Fa  BIO 480 BIOLOGY CAI	NEAR RESTRICTED ELECTIVE 5 SI & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10	3 4 4 3 4 : 18  Hours 1	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring  BIO 480 BIOLOGY CAPSTONE	Houl  1  Houl  4  1  3  3  3  17  Houl	
Restricted elective helper the A-veer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIO RESTRICTED ELECTIVE GENERAL EDUCATIO RESTRICTED ELECTIVE Notes:  Semester 1 Fa  BIO 480 BIOLOGY CALL GENERAL EDUCATIO	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10 VE 10	3 4 4 3 4 : 18  Hours  1 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring  BIO 480 BIOLOGY CAPSTONE RESTRICTED ELECTIVE 12	Houl  1  Houl  4  1  3  3  3  17  Houl	
Restricted elective helper the A-veer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATION RESTRICTED ELECTIVE PHYSIC PHYSI	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10 VE 10	Hours  3 4 4 3 4 : 18  Hours 1 3 3 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5  PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6  RESTRICTED ELECTIVE 8  GENERAL EDUCATION COURSE 9  RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring  BIO 480 BIOLOGY CAPSTONE RESTRICTED ELECTIVE 12  RESTRICTED ELECTIVE 13	Hour 1 3 3 4	
Restricted elective halow the A-veer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC GENERAL EDUCATION RESTRICTED ELECTIVE  Notes:  Semester 1 Fa  BIO 480 BIOLOGY CAI  GENERAL EDUCATION RESTRICTED ELECTIVE  GENERAL ELECTIVE  GENERAL ELECTIVE	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10 VE 10	Hours  3 4 4 3 4 : 18  Hours  1 3 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring BIO 480 BIOLOGY CAPSTONE RESTRICTED ELECTIVE 12 RESTRICTED ELECTIVE 13 GENERAL ELECTIVE GENERAL ELECTIVE	Hour 1 1 3 4 3	
Restricted elective halow the A-veer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC GENERAL EDUCATION RESTRICTED ELECTIVE  Notes:  Semester 1 Fa  BIO 480 BIOLOGY CAI  GENERAL EDUCATION RESTRICTED ELECTIVE  GENERAL EDUCATION RESTRICTED ELECTIVE  GENERAL ELECTIVE	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10 VE 10	Hours  3 4 4 3 4 : 18  Hours  1 3 3 4	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring BIO 480 BIOLOGY CAPSTONE RESTRICTED ELECTIVE 12 RESTRICTED ELECTIVE 13 GENERAL ELECTIVE GENERAL ELECTIVE	Hour 1 3 4 3 4 3	
Restricted elective helow the A-weer  Semester 1 Fa  BIO 221 BIOSTATS OF PHYS 101/110 PHYSIC RESTRICTED ELECTIVE GENERAL EDUCATIO RESTRICTED ELECTIVE  Notes:  Semester 1 Fa  BIO 480 BIOLOGY CAI  GENERAL EDUCATIO RESTRICTED ELECTIVE GENERAL ELECTIVE	II  R RESTRICTED ELECTIVE 5 CS I & LAB OR GENERAL EDUCATION COURSE 5 VE 6 N COURSE 8 VE 7  Semester Hours  II  PSTONE N COURSE 10 VE 10	Hours  3 4 4 3 4 : 18  Hours  1 3 4 3 4 3	Semester 2 Spring  BIO 221 BIOSTATS OR GENERAL EDUCATION COURSE 5 PHYS 102/111 PHYSICS II & LAB OR GENERAL EDUCATION COURSE 6 RESTRICTED ELECTIVE 8 GENERAL EDUCATION COURSE 9 RESTRICTED ELECTIVE 9  Semester Hours:  Semester 2 Spring BIO 480 BIOLOGY CAPSTONE RESTRICTED ELECTIVE 12 RESTRICTED ELECTIVE 13 GENERAL ELECTIVE GENERAL ELECTIVE	Hour 1 3 4 3 3 3 3	

## **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

BIO 460/461 MOLECULAR BIOLOGY

BIO 462 MICROBIAL PATH

Spring only

Fall only

BIO 465 VIROLOGY Even Springs

BIO 470 BIOCHEMISTRY Fall only

BIO 472 CELL BIO Spring only