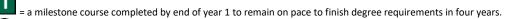


17-118 OR Precalculus Algebra OR Precalculus OR 17-117 OR Precalculus OR 17-117 OR Precalculus OR 17-117 OR Precalculus OR 17-110 Calculus I	Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-117 OR	17-116 OR	Mathematical Modeling OR		3-4	
17-120   Calculus	17-118 OR	Precalculus Algebra OR			
Od-106/107   Principles of Biology & Lab   4   77-101   University Seminar   1   1   1   1   1   1   1   1   1	17-117 OR	Precalculus OR			
10-111   Composition   1   3   24-114/115   General Chemistry   & Lab   Total Hours	17-120	Calculus I			
10-111   Composition   3   4   4   5   5   5   5   5   5   5   5	04-106/107	Principles of Biology & Lab		4	
Total Hours  Total	77-101	University Seminar		1	
Total Hours  Total Hours  Course Title/Description  General Zoology & Lab DR  General Zoology & Lab DR  General Sotany & Lab  10-112	10-111	Composition I		3	
Total Hours  Term 2 Course Title/Description O4-114/115 OR 04-112/113 General Zoology & Lab OR 04-112/113 General Sotany & Lab 10-112 Composition II Composition II Z4-116/117 General Chemistry II & Lab Social & Behavioral Sciences  Total Hours  Total H	24-114/115	General Chemistry I & Lab		4	
O4-114/115 OR   General Zoology & Lab OR   General Botany & Lab   A		· ·	Total Hours	15-16	
Od-112/113   General Botany & Lab   Composition   3   24-116/117   General Chemistry   I & Lab   General Chemistry   I & Lab   5   Social & Behavioral Sciences   3   3	Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-112   Composition     Composition   3   24-116/117   General Chemistry     & Lab   General Chemistry     & Lab   5   Social & Behavioral Sciences   Total Hours   15	04-114/115 OR	General Zoology & Lab OR	Principles of Biology & Lab	4	
Social & Behavioral Sciences   Social & Behavioral Science   Social & General Chemistry   & Lab   Social & General Chemistry   & Lab   Social & General Chemistry   & Lab   Social & General Botany & Lab   Social & Behavioral Science   Social & Behavioral Science   Social & Behavioral Science   Social & Behavioral Science   Social & General Botany & Lab   Social & General Botany	04-112/113	General Botany & Lab			
Total Hours Term 3 Course Title/Description 24-342/343 Organic Chemistry I & Lab General Chemistry II & Lab 4 FALL ONLY course 04-114/115 OR General Zoology & Lab OR 04-112/113 General Botany & Lab 9 29-102 Fundamentals of Oral Communication Social & Behavioral Science Total Hours Term 4 Course Title/Description Pre-requisite Cr Hrs Milestone/Notes 04-348 Biological Evolution & Diversity General Zoology & Lab OP-recquisite Cr Hrs Milestone/Notes 04-350 Genetics Principles of Biology & Lab 4 25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art Fine Art Satistics 3	10-112	Composition II	Composition I	3	
Total Hours Term 3 Course Title/Description 24-342/343 Organic Chemistry I & Lab General Chemistry II & Lab 4 FALL ONLY course 04-114/115 OR General Zoology & Lab OR 04-112/113 General Botany & Lab 9 29-102 Fundamentals of Oral Communication Social & Behavioral Science Total Hours Term 4 Course Title/Description Pre-requisite Cr Hrs Milestone/Notes 04-348 Biological Evolution & Diversity General Zoology & Lab OP-recquisite Cr Hrs Milestone/Notes 04-350 Genetics Principles of Biology & Lab 4 25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art Fine Art Satistics 3	24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
Course Title/Description	·		,		
Q4-342/343   Organic Chemistry     & Lab   General Chemistry     & Lab   4   FALL ONLY course			Total Hours	15	
04-114/115 OR	Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-114/115 OR	24-342/343	•		4	
Od-112/113   General Botany & Lab	04-114/115 OR	·		4	
Fundamentals of Oral Communication Social & Behavioral Science  Total Hours 14  Term 4 Course Title/Description O4-348 Biological Evolution & Diversity General Zoology & Lab O4-350 Genetics Principles of Biology & Lab O5-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art  Fine Art  Total Hours  3  A Wilestone/Notes  Cr Hrs Milestone/Notes  A Mathematical Modeling OR Precalculus OR Precalculus OR Precalculus OR Precalculus OR Precalculus Algebra OR Calculus I  3  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics	04-112/113	,			
Total Hours  Term 4 Course Title/Description Pre-requisite Cr Hrs Milestone/Notes  04-348 Biological Evolution & Diversity General Botany & Lab AND General Zoology & Lab  04-350 Genetics Principles of Biology & Lab 4  25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus OR Precalculus Algebra OR Calculus I  17-114 General Statistics ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art 3 Fine Art 3 3	29-102			3	
Term 4 Course Title/Description Pre-requisite Cr Hrs Milestone/Notes  04-348 Biological Evolution & Diversity General Botany & Lab AND General Zoology & Lab  04-350 Genetics Principles of Biology & Lab  25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  17-114 General Statistics ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art Statistics 3		Social & Behavioral Science		3	
D4-348 Biological Evolution & Diversity General Botany & Lab AND General Zoology & Lab  O4-350 Genetics Principles of Biology & Lab  4 25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art  Biological Evolution & Diversity General Botany & Lab AND 2 General Botany & Lab AND 2 General Stab AND 2 General Stology & Lab 4  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art			Total Hours	14	
General Zoology & Lab  O4-350 Genetics Principles of Biology & Lab  4  25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art  General Zoology & Lab  4  ACT Math score of 22 or Strategies for General Statistics  Fine Art	Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
O4-350 Genetics Principles of Biology & Lab  4 25-110/111 General Physics I & Lab Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  17-114 General Statistics ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art  Principles of Biology & Lab 4  ACT Mathematical Modeling ACT Mathema	04-348	Biological Evolution & Diversity	General Botany & Lab AND	2	
25-110/111  General Physics I & Lab  Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  Mathematical Modeling 4  OR Precalculus OR Precalculus OR OR Calculus I  3  Fine Art			General Zoology & Lab		
OR Precalculus OR Precalculus Algebra OR Calculus I  17-114  General Statistics  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  OR Precalculus OR Precalculus OR Precalculus Algebra OR Calculus I  3  Fine Art  ACT Math score of 22 or higher, high school GPA of 3 thigher, high school GPA of 3 thigh sch	04-350	Genetics	Principles of Biology & Lab	4	
OR Precalculus OR Precalculus Algebra OR Calculus I  17-114  General Statistics  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  OR Precalculus OR Precalculus OR Precalculus Algebra OR Calculus I  3  Fine Art  ACT Math score of 22 or higher, high school GPA of 3 thigher, high school GPA of 3 thigh sch	25-110/111	General Physics I & Lab	Mathematical Modeling	4	
Calculus I  ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  Calculus I  ACT Math score of 22 or higher OR concurrently with Strategies for General Statistics			OR Precalculus OR		
17-114 General Statistics ACT Math score of 22 or higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art 3			Precalculus Algebra OR		
higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics			Calculus I		
higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics Fine Art  higher, high school GPA of 3.00 or higher OR concurrently with Strategies for General Statistics	17-114	General Statistics	ACT Math score of 22 or	3	
3.00 or higher OR concurrently with Strategies for General Statistics  Fine Art  3.00 or higher OR concurrently with Strategies for General Statistics			higher, high school GPA of		
concurrently with Strategies for General Statistics Fine Art  Statistics  3					
Strategies for General Statistics  Fine Art  Strategies for General 3			<u> </u>		
Statistics 3			- I		
Fine Art 3			1		
		Fine Art		3	
	Total Hours			16	



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= a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

= a milestone courses taken in final year to complete degree requirements.



Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-140 OR	General Microbiology OR	Principles of Biology & Lab	4	Cell Biology
04-310	Cell Biology	AND General Chemistry I &		Recommended
	1 1 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Lab AND General		prerequisite: Organic
		Chemistry II & Lab		Chemistry I & Lab
04-376	Basic Ecology	General Botany & Lab AND	4	FALL ONLY course
		General Zoology & Lab	·	
	Digital Literacy	<u> </u>	3	
	Elective		3-5	
		Total Hours	14-16	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-238 OR	Physiology Allied Health OR	Allied: Principles of Biology	4	Human Physiology
04-330 OR	Animal Anatomy & Physiology OR	& Lab & General Chemistry		recommends Medical
04-430 OR	Plant Physiology OR	& Lab OR General		Terminology and
04-438	Human Physiology	Chemistry I & Lab		Anatomy Allied Health OR
0.100		Animal: General Zoology &		Comparative Anatomy OR
		Lab AND General		Human Anatomy
		Chemistry I & Lab		Animal A&P – SPRING
		Plant: General Botany &		ONLY course
		Lab OR Cell Biology OR		Plant Phys – SPRING EVEN
		Genetics AND General		ONLY course
		Chemistry I & Lab		ONET COURSE
		Human: Cell Biology		
04-420 OR	Environmental Issues OR	Truman. cen biology	4	Env – SPRING ONLY
04 420 OK	BLOCK D ELECTIVE		7	course
	BLOCK D ELECTIVE			See Block Electives List
				for options
	Humanities		3	TOT OPTIONS
	Humanities		3	
10-220	Intro to Literature		3	
		Total Hours	17	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-562/563	General Biochemistry & Lab OR	Biochem: Organic	4	Biochem: FALL ONLY
2. 302,303	BLOCK B ELECTIVE	Chemistry I & Lab	•	course
				See Block Electives List
				for options
	BLOCK C ELECTIVE		4	See Block Electives List
			r	for options
33-155 OR	The United States to 1877 OR		3	-1
33-156	The United States since 1877			
	Biology Elective from any Block		4	See Block Electives List
	,			for options
		Total Hours	15	



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Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Biology Elective from any Block		4	See Block Electives List
				for options
	Electives		6	
04-491	Biological Science Seminar	Genetics	1	
	Civics		3	
	Total Hours			

At least one course must be taken from each block to total at least 24 hours. **NOTE:** When selecting physiology and Block A, B, C and D courses, students need to pay attention to course numbered 300 and above. Improper selection can cause students to be below graduation requirements for upper division credit (40). Be sure to discuss you plan with your academic advisor.

04-140	General Microbiology	Principles of Biology & Lab	4	
04-140	General Wild oblology	AND General Chemistry &	7	
		Lab		
04-310	Cell Biology	Principles of Biology & Lab	4	
04-310	Cell Biology	AN General Chemistry I &	4	
		Lab AND General		
		Chemistry II & Lab		
Block B Flec	tives – Choose 1-3 courses	J. J		
04-330	Plant Physiology	General Botany & Lab OR	4	SPRING EVEN ONLY
0.000	Trainer Hysiology	Cell Biology OR Genetics	•	course
		AND General Chemistry I &		
		Lab		
04-438	Human Physiology	Cell Biology	4	Recommended Medical
				Terminology and
				Anatomy Allied Health OR
				Comparative Anatomy OR
				Human Anatomy
04-440	Molecular Biology	Genetics	4	SPRING ODD ONLY course
				Recommended General
				Microbiology AND Cell
				Biology
04-444	Immunology	General Microbiology AND	5	SPRING ONLY course
		Cell Biology		
04-511	Techniques in Biotechnology	Genetics	4	FALL ODD ONLY course
				Recommended General
				Microbiology
24-322/323	Analytical Chemistry & Lab	General Chemistry II & Lab	4	FALL ONLY course
24-344/345	Organic Chemistry II & Lab	Organic Chemistry I & Lab	4	SPRING ONLY course
24-363/363	Elementary Biochemistry & Lab	Organic Chemistry I & Lab	4	SPRING ONLY course
24-562	General Biochemistry	Organic Chemistry I & Lab	3	FALL ONLY course
25-112/113	General Physics II & Lab	Mathematical Modeling	4	
		OR Precalculus OR		
		Precalculus Algebra OR		
		Calculus I		

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Block C Electi	ves – Choose 1-3 courses			
04-104	Medical Terminology		3	SPRING ONLY course
04-312	Invertebrate Zoology	General Zoology & Lab	4	SPRING ONLY course
04-330	Animal Anatomy & Physiology	General Zoology & Lab AND General Chemistry I & Lab	4	FALL ONLY
04-362	Mammalogy	General Botany & Lab AND General Zoology & Lab	4	SPRING ONLY
04-364	Ornithology	General Botany & Lab AND General Zoology & Lab	4	SPRING – ALT YEARS
04-412	Plant Anatomy & Morphology	General Botany & Lab AND General Zoology & Lab	4	SPRING ONLY course Recommended Cell Biology
04-418	Vertebrate Histology	Comparative Anatomy OR Human Anatomy	5	Recommended Cell Biology
04-436	Human Anatomy	General Zoology & Lab	4	Recommended Medical Terminology
04-460	Herpetology	General Zoology & Lab	4	SPRING ONLY course
Block D Electi	ives – Choose 1-3 courses			
03-382	Woody Landscapes	Plant Science OR General Botany & Lab	3	
04-261	Local Flora	General Botany & Lab	2	FALL ONLY course
04-351/353	Marine Science I: Oceanography & Lab	Principles of Biology & Lab AND General Chemistry I & Lab	5	SUMMER ONLY course Taught at GCRL in Mississippi
04-352/354	Marine Science II: Marine Biology & Lab	Principles of Biology & Lab AND General Botany & Lab AND General Zoology & Lab	5	SUMMER ONLY course Taught at GCRL in Mississippi
04-366	Entomology	General Botany & Lab AND General Zoology & Lab	3	FALL ONLY course
04-420	Environmental Issues	Principles of Biology & Lab AND General Chemistry I & Lab	4	SPRING ONLY course
04-474	Wildlife Management & Conservation	General Botany & Lab AND General Zoology & Lab AND Local Flora AND Basic Ecology	2	FALL ONLY course
04-435	Comparative Anatomy	General Zoology & Lab AND General Physics I & Lab OR Classical Physics I & Lab	5	FALL ONLY course
04-576	Methods in Plant & Animal Ecology	Basic Ecology	3	FALL ONLY course
32-365	Geographic Information Systems	Maps & Spatial Reasoning or Junior Standing	3	

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