



Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-106/107	Principles of Biology & Lab		4	
24-114/115	General Chemistry I & Lab		4	
10-111	Composition		3	
17-116 OR 17-118 OR 17-117 OR 17-120	Math Modeling OR Precalculus Algebra OR Precalculus OR Calculus		3-5	
77-101	University Seminar		1	
<b>Total Hours</b>			<b>15-17</b>	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-112/113 OR 04-114/115	General Botany & Lab OR General Zoology & Lab	Principles of Biology & Lab	4	
24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
10-112	Composition II	Composition I	3	
	Digital Literacy		3	
<b>Total Hours</b>			<b>15</b>	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-112/113 OR 04-114/115	General Botany & Lab OR General Zoology & Lab	Principles of Biology & Lab	4	
25-110/111	General Physics I & Lab	Mathematical Modeling OR Precalculus OR Precalculus Algebra or Calculus I	4	
24-342/343	Organic Chemistry I & Lab	General Chemistry II & Lab	4	
<b>Total Hours</b>			<b>12</b>	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-312	Invertebrate Zoology	General Zoology & Lab	4	
25-112/113	General Physics II & Lab	Mathematical Modeling OR Precalculus OR Precalculus Algebra or Calculus I	4	
17-114	General Statistics	ACT Score of 22 or higher, high school GPA of 2.0 or higher or concurrent enrollment in Strategies for General Statistics	3	
	Elective		1	
<b>Total Hours</b>			<b>12</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

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

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



Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-351/353	Marine Science I: Oceanography & Lab	Principles of Biology & Lab AND General Chemistry I & Lab	5	SUMMER ONLY Taught at University of Southern Mississippi, Gulf Coast Research Laboratory
04-352/353	Marine Science II: Marine Biology	Principles of Biology & Lab AND General Zoology & Lab OR General Botany & Lab	5	
<b>Total Hours</b>			<b>10</b>	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-376	Basic Ecology	General Zoology & Lab	4	FALL ONLY course
04-348	Biological Evolution & Diversity	General Botany & Lab AND General Zoology & Lab	2	
32-101	Intro to Geography		3	Recommended Social & Behavioral Science class
	Social & Behavioral Science		3	
29-102	Fundamentals of Oral Communication		3	
<b>Total Hours</b>			<b>15</b>	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
04-140	General Microbiology	General Biology & Lab OR Principles of Biology & Lab AND General Chemistry I & Lab	4	
04-350	Genetics	Principles of Biology & Lab	4	
	American Experience		3	
	Global Experience		3	
<b>Total Hours</b>			<b>14</b>	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
34-102	Intro to American Government		3	
10-220	Intro to Literature		3	
32-365	Geographic Information Systems	Maps & Spatial Reasoning OR Junior Standing	3	
	Biology Elective		4	Course 300 or above
<b>Total Hours</b>			<b>13</b>	
Term 9	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Fine Art		3	
04-491	Biological Sciences Seminar	Genetics	1	
	Elective		3	
	Western Experience		3	
04-330	Animal Anatomy & Physiology	General Zoology & Lab AND General Chemistry I & Lab	4	
<b>Total Hours</b>			<b>14</b>	

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