

Southern University at New Orleans College of Arts and Sciences – Department of Natural Sciences Degree: Bachelor of Science in Biology Degree Requirements: 120 Credit Hours Catalog Year: 2022 – 2024	Student's Name: Student's S#: Semester Entered SUNO: Date:
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First Year							
1st Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	SBIO 103N/LN	General Biology I (Lecture and Lab)	4				
	BIOL 100N	Biology Seminar	1				
	SMAT 121N	Pre-Calculus I (** MATH 120N)	3 (5)				Students who earn less than a 19 ACT/SAT equivalent score must enroll in MATH 120N (** MATH 120N = 5 Hrs.)
	SENL 101N	English Composition I (**SENL 100N)	3 (5)				Students who earn less than a 16 ACT/SAT equivalent score must enroll in SENL 100N (** ENGL 100N = 5 Hrs.)
	JRDV111N	College Survival Skills	1				
	JRDV111AN	Freshman Assembly	0				
	CISP 164N	Intro. To Info. Processing	3				
	TOTAL SEMESTER HOURS			15 (16 *)			
2nd Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	BIOL 104N/LN	General Biology II (Lecture and Lab)	4				Pre-requisite: SBIO 103N/LN
	SENL 102N	English Composition II	3				Pre-requisite: SENL 101N
	SMAT 122N	Trigonometry	3				Pre-requisite: SMAT 121
	SHIS 201N OR 202N	U.S. History	3				
	FIAR 101N OR MUSC 101N	Art or Music	3				
	TOTAL SEMESTER HOURS			16			
Second Year							
1st Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	SENL 232N	Introduction to Literature	3				Pre-requisites: SENL 101N, 102N
	SCHE 132N	General Chemistry I	3				Co-requisite: SMAT 121N
	SCHE 132LN	General Chemistry I Lab	1				
	SBIO 231N/LN OR SBIO260N/LN	Botany (Lecture and Lab) or Zoology (Lecture and Lab)	4				Pre-requisites: SBIO 103N/LN AND SBIO 104N/LN
	SMAT 130N	Elementary Statistics	3				Pre-requisite: MATH 151N or 121N
	TOTAL SEMESTER HOURS			14			
2nd Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
		Foreign Language 101N*	3				SPAN 101 OR FREN 101
	SCHEM 133N/LN	General Chemistry II (Lecture & Lab)	4				Pre-requisites: CHEM 132N/LN
	SBIO 212N/LN	General Microbiology	4				Pre-requisites: SBIO 103N/LN, SBIO 104N/LN
	MATH 290N/LN	Calculus I (Lecture and Lab) now 5 cr	4 (5)				Pre-requisites: MATH 122N OR MATH 123N
	TOTAL SEMESTER HOURS			15 (16)			

Third Year							
1st Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	SBIO 352N/LN	Genetics (Lecture and Lab)	4				Pre-requisites: SBIO 103N, SBIO 104N, and SCHE 132N
	SCHE 221N/LN	Organic Chemistry I (Lecture and Lab)	4				Pre-requisites: CHEM 132/113, 133/113; BIOL 108, 109
	SPHY 213N/LN	General Physics I (Lecture and Lab)	4				Pre-requisites: SMAT 121N, 122N, and MATH 290N; Co:Req for lab: SPHY 213N
	MATH 291N/LN	Calculus II (Lecture and Lab) now 5 cr	4 (5)				Pre-requisites: MATH 290N; Co:Req for lab: MATH 291N
	TOTAL SEMESTER HOURS		17				
2nd Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	SCHE 222N/LN	Organic Chemistry II (Lecture and Lab)	4				Pre-requisite: SCHE 221N/LN
	SPHY 214N/LN	General Physics II (Lecture and Lab)	4				Prerequisites: SPHY 213N and 213LN or equivalent and MATH 291N; SPHY 213LN
		Philosophy Elective	3				PHIL 212N OR PHIL 222N
	SSOC 201N	Intro. to Sociology	3				
	TOTAL SEMESTER HOURS		14				
Fourth Year							
1st Semester	Course	Course Title	Credits	Semester Taken	Grade Earned	Transfer Institution	Course Notes
	SBIO 414N/LN	Cell Biology Lecture and Lab	4				Pre-requisites: SBIO 103N/LN and 104N/LN
	SBIO 340N/LN	Biology Elective** (Biochemistry)	4				Pre-requisites: BIOL 103N and 104N, and SCHE 221N). Offered in the fall of each year.
	BIOL221N/LN	Biology Elective**	4				** Check catalog requirements
	BIOL 494N	Senior Seminar	1				
	BIOL 496N	Senior Comprehensive	1				
	TOTAL SEMESTER HOURS		14				
2nd Semester	BIOL 310N	Biology Elective** (Bioinformatics)	4				** Check catalog requirements
	BIOL 222N/LN	Biology Elective**	4				** Check catalog requirements
	SPSY 201N	General Psychology	3				
		Science Elective***	3				
	BIOL 495N	Senior Seminar	2				
	TOTAL SEMESTER HOURS		16				

* Students who have taken a foreign language (French, German, Spanish) in High School may test out of the 100 level foreign language courses and take three hours of a 200 level foreign language course.

** This curriculum map denotes a student who may need one (1) co-requisite course in the 1st semester.

*** A combination of any STEM courses including Forensic Science for a total of three credit hours fulfill the requirement.

Other Graduation Requirements:

Writing Proficiency taken in ENGL 111 unless transferred ENGL 111 then Writing Proficiency must be scheduled;

Students must pass Departmental Comprehensive. **Students are required to earn a grade “C” or better in all biology, chemistry, mathematics, physics and English courses.**

Student cumulative GPA must be a 2.0 or higher.

STUDENTS ARE REQUIRED TO MEET WITH THEIR ADVISOR PRIOR TO REGISTRATION. SHOULD A STUDENT FAIL TO SECURE PROPER ADVISEMENT, THE