

School of Mathematics and Sciences
Bachelor of Science in Biological Sciences
Concentration in Cellular and Molecular

Name: _____

ID: _____

Advisor: _____

Catalog: 2021-22

Board of Regents General Education – 40 Hours*				Program Requirements – 38 Hours			
Courses	Hours	School/Term	Grade	Courses	Hours	School/Term	Grade
I. ENGLISH COMPOSITION (6 hrs.)				BIOS 110L	1		
English 105	3			BIOS 120L	1		
English 115	3			BIOS 210	3		
II. SOCIAL/BEHAVIORAL SCIENCES (6 hrs.)				BIOS 224	3		
	3			BIOS 224L	1		
	3			BIOS 363	3		
III. MATHEMATICS (6 hrs.)				BIOS 363L	1		
210	3			BIOS 440	3		
221	4			BIOS 440L	1		
IV. NATURAL SCIENCES (9 hrs.)				BIOS 495	1		
BIOS 110	3			Concentration – 20 Hours			
CHEM 121	3			<small>At least 11 hours must be selected from the following 300/400 level courses: BIOS 320/320L, 345/345L, 350/350L, 351/351L, 371/371L, 375/375L, 380/380L, 387/387L, 421/421L, 430/430L, 434/434L, 460, 465, 470, 480, 485/485L, 486, 487, 490, 497, BCHM 410/410L, 412/412L, 430.</small>			
BIOS 120	3			<small>Up to 9 hours may be selected from any 300/400 level Biological Science, Environmental or Geological Science courses.</small>			
V. HUMANITIES (9 hrs.)					3		
COMM 135	3				1		
ENGL 205,206,210,215,220	3				3		
HIST 105,106,107,145,146	3				1		
VI. FINE ARTS (3 hrs.)					3		
	3				1		
Additional Requirements – 27 Hours					3		
CSC 115	3				1		
CHEM 121L	1				3		
CHEM 124	3				1		
CHEM 124L	1			Electives – 15 Hours			
CHEM 265	3			FS 104 or elective	3		
CHEM 265L	1				3		
PHYS 251	3				3		
PHYS 251L	1				3		
Science 200-400	4				3		
Science 200-400	4						
Science 200-400	3			TOTAL HOURS: 120			

*The following courses are approved to meet General Education requirements:

English Composition: ENGL 105, 115

Social/Behavioral Science: ECON 201, 202; GEOG 251, 252; KHS 240, POLI 101, 151; PSYC 152 or 206, 209; SOCL 105, 107, 142, 255

Mathematics: MATH 210, 221

Biological Sciences: BIOS 110, 120

Physical Science: CHEM 121, 124

Fine/Performing Arts: FA 140, 221, 240, 241; MUS 120, THEA 160, 240, 241

Humanities: *Humanities are now divided into two categories:* (a) Philosophy/Literature: ENGL 205, 210, 215, 220; and PHIL 105, 250;

(b) Socio-Cultural Humanities: HIST 105, 106, 107, 110, 145, 146; MCOM 115, 215; COMM 130, 135.

Students must take one course in (a) and two courses in (b). **Biology requires an English Lit, History and COMM 135.**

**All entering students with less than 30 hours of credit are required to take FS 104.

This is an unofficial worksheet to help with your planning. In any discrepancy with the official LSU Shreveport catalog, the catalog is correct.

School of Mathematics and Sciences
 Bachelor of Science in Biological Sciences
 Concentration in Environmental Science

Name: _____

ID: _____

Advisor: _____

Catalog: 2021-22

Board of Regents General Education – 40 Hours*				Program Requirements – 38 Hours			
Courses	Hours	School/Term	Grade	Courses	Hours	School/Term	Grade
I. ENGLISH COMPOSITION (6 hrs.)				BIOS 110L	1		
English 105	3			BIOS 120L	1		
English 115	3			BIOS 210	3		
				BIOS 224	3		
II. SOCIAL/BEHAVIORAL SCIENCES (6 hrs.)				BIOS 224L	1		
	3			BIOS 363	3		
	3			BIOS 363L	1		
III. MATHEMATICS / ANALYTICAL REASONING (6 hrs.)				BIOS 440	3		
210	3			BIOS 440L	1		
221	4			BIOS 495	1		
IV. NATURAL SCIENCES (9 hrs.)				Concentration – 20 Hours			
BIOS 110	3			At least 11 hours must be selected from the following 300/400 level courses: ENSC 320, 330, 411, 420, 421, 430, 441, 490, 491, 495, BIOS 446/446L, BIOS 456/456L Up to 9 hours may be selected from any 300/400 level Biological Science, Environmental or Geological Science courses.			
CHEM 121	3				3		
BIOS 120	3				3		
V. HUMANITIES (9 hrs.)					3		
COMM 135	3				3		
ENGL 205,206,210,215,220	3				3		
HIST 105,106,107,110,145,146	3				4		
VI. FINE ARTS (3 hrs.)					3		
	3				1		
Additional Requirements – 27 Hours				Electives – 12 Hours			
CSC 115	3			FS 104 or elective	3		
CHEM 121L	1				3		
CHEM 124	3				3		
CHEM 124L	1				3		
CHEM 265	3				3		
CHEM 265L	1						
PHYS 251	3						
PHYS 251L	1						
ENSC 101	3						
Sciences 200+	4						
Sciences 200+	4						
Sciences 200+	3						
				TOTAL HOURS: 120			

*The following courses are approved to meet General Education requirements:

English Composition: ENGL 105, 115

Social/Behavioral Science: ECON 201, 202; GEOG 251, 252; KHS 240, POLI 101, 151; PSYC 152 or 206, 209; SOCL 105, 107, 142, 255

Mathematics: MATH 210, 221

Biological Sciences: BIOS 110, 120

Physical Science: CHEM 121, 124

Fine/Performing Arts: FA 140, 221, 240, 241; MUS 120, THEA 160, 240, 241

Humanities: **Humanities are now divided into two categories:** (a) Philosophy/Literature: ENGL 205, 210, 215, 220; and PHIL 105, 250;

(b) Socio-Cultural Humanities: HIST 105, 106, 107, 110, 145, 146; MCOM 115, 215; COMM 130, 135.

Students must take one course in (a) and two courses in (b). **Biology requires an English Lit, History and COMM 135.**

**All entering students with less than 30 hours of credit are required to take FS 104.

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School of Mathematics and Sciences
Bachelor of Science in Biological Sciences
Concentration in Field and Organismal

Name: _____

ID: _____

Advisor: _____

Catalog: 2021-22

Board of Regents General Education – 40 Hours*				Program Requirements – 38 Hours			
Courses	Hours	School/Term	Grade	Courses	Hours	School/Term	Grade
I. ENGLISH COMPOSITION (6 hrs.)				BIOS 110L	1		
English 105	3			BIOS 120L	1		
English 115	3			BIOS 210	3		
				BIOS 224	3		
II. SOCIAL/BEHAVIORAL SCIENCES (6 hrs.)				BIOS 224L	1		
	3			BIOS 363	3		
	3			BIOS 363L	1		
III. MATHEMATICS / ANALYTICAL REASONING (6 hrs.)				BIOS 440	3		
210	3			BIOS 440L	1		
221	4			BIOS 495	1		
IV. NATURAL SCIENCES (9 hrs.)				Concentration – 20 Hours			
BIOS 110	3			At least 11 hours must be selected from the following 300/400 level courses: BIOS 320/320L, 340/340L, 345/345L, 350/350L, 360/360L, 365/365L 370/370L 371/371L, 372/372L 374/374L 375/375L, 376/376L 380/380L, 387/387L, 434/434L, 435/435L, 446/446L, 456/456L 470, 471, 472, 480, 485/485L, 490. Up to 9 hours may be selected from any 300/400 level Biological Science, Environmental or Geological Science courses.			
CHEM 121	3						
BIOS 120	3						
V. HUMANITIES (9 hrs.)					3		
COMM 135	3				1		
ENGL 205,206,210,215,220	3				3		
HIST 105,106,107,110,145,146	3				1		
VI. FINE ARTS (3 hrs.)					3		
	3				1		
Additional Requirements – 27 Hours					3		
					1		
CSC 115	3				1		
CHEM 121L	1				3		
CHEM 124	3				1		
CHEM 124L	1			Electives – 15 Hours			
CHEM 265	3			FS 104 or elective	3		
CHEM 265L	1				3		
PHYS 251	3				3		
PHYS 251L	1				3		
BIOS 222/222L (Required for F/O)	4				3		
Science 200+	4				3		
Science 200+	3			TOTAL HOURS: 120			

*The following courses are approved to meet General Education requirements:

English Composition: ENGL 105, 115

Social/Behavioral Science: ECON 201, 202; GEOG 251, 252; KHS 240, POLI 101, 151; PSYC 152 or 206, 209; SOCL 105, 107, 142, 255

Mathematics: MATH 210, 221

Biological Sciences: BIOS 110, 120

Physical Science: CHEM 121, 124

Fine/Performing Arts: FA 140, 221, 240, 241; MUS 120, THEA 160, 240, 241

Humanities: *Humanities are now divided into two categories:* (a) Philosophy/Literature: ENGL 205, 210, 215, 220; and PHIL 105, 250;

(b) Socio-Cultural Humanities: HIST 105, 106, 107, 110, 145, 146; MCOM 115, 215; COMM 130, 135.

Students must take one course in (a) and two courses in (b). **Biology requires an English Lit, History and COMM 135.**

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I. ENGLISH COMPOSITION (6 hrs.)				BIOS 110L	1		
English 105	3			BIOS 120L	1		
English 115	3			BIOS 210	3		
II. SOCIAL/BEHAVIORAL SCIENCES (6 hrs.)				BIOS 224	3		
	3			BIOS 224L	1		
	3			BIOS 363	3		
III. MATHEMATICS / ANALYTICAL REASONING (7 hrs.)				BIOS 363L	1		
210	3			BIOS 440	3		
221	4			BIOS 440L	1		
IV. NATURAL SCIENCES (9 hrs.)				BIOS 495	1		
BIOS 110	3			Concentration – 20 Hours Must select BIOS 430/430L. At least 7 hours must be selected from the following 300/400 level courses: BIOS 320/320L, 360/360L, 372/372L, 375/375L, 380/380L, 387/387L, 420/420L, 421/421L, 434/434L, 460, 463, 465, 470, 480, 490, 491, 492, 493, BCHM 410/410L, 412/412L, 460. Up to 9 hours may be selected from any 300/400 level Biological Science, Environmental or Geological Science courses.			
CHEM 121	3						
BIOS 120	3						
V. HUMANITIES (9 hrs.)				BIOS 430	3		
COMM 135	3			(required)			
ENGL 205,206,210,215,220	3			BIOS 430L	2		
HIST 105,106,107,110,145,146	3			(required)			
VI. FINE ARTS (3 hrs.)					3		
					1		
Additional Requirements – 30 Hours					4		
CSC 115	3				4		
CHEM 121L	1			Criminal Justice Requirements – 12 Hours			
CHEM 124	3			CJ 107	3		
CHEM 124L	1			CJ 310	3		
CHEM 255 (required for ForSci)	3			CJ 365	3		
CHEM 255L (required for ForSci)	1			CJ 403	3		
CHEM 265	3						
CHEM 265L	1						
PHYS 251	3						
PHYS 251L	1						
Science 200+**	4						
Science 200+**	3						
FS 104*** or Free Elective	3						
							TOTAL HOURS: 120

*The following courses are approved to meet General Education requirements:

English Composition: ENGL 105, 115

Social/Behavioral Science: ECON 201, 202; GEOG 251, 252; KHS 240, POLI 101, 151; PSYC 152 or 206, 209; SOCL 105, 107, 142, 255

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