

**UL Lafayette Ray P. Authement College of Sciences  
SLCC STEM Division**

**2+2 Agreement and Transfer Pathway for Environmental Sciences  
(Concentrations in Environmental Quality, Soil and Water, or Geographic Information Science)**

***A. Terms and Benefits***

**Terms:**

- 60 credits from the South Louisiana Community College (SLCC) courses identified herein can be transferred and applied towards a Bachelor's Degree in Environmental Sciences from the College of Sciences at UL Lafayette.
- 60 hours will be taken at UL Lafayette to complete the 120-hour BS degree (60 at SLCC + 60 at UL Lafayette).
- Students who do not qualify (based on ACT assessment) to take MATH 143 may take MATH 1105 and 1110 at SLCC, but these six hours will transfer for the three-credit MATH 143 course at UL Lafayette.
- This agreement applies to the Associates of General Studies division at SLCC and the Environmental Science Program within the School of Geosciences in the College of Sciences at UL Lafayette.
- This agreement will be advertised on the SLCC college website. UL Lafayette will advertise this program opportunity primarily among transfer student advisees in an effort to ensure that all SLCC transfer students are aware of this agreement.
- No new materials have been developed as part of this agreement.
- SLCC and UL Lafayette agree to work together to maintain this relationship, its efficiency, and quality of instruction, and to adapt to curricula changes at either university.
- UL Lafayette will collect and share information with SLCC, including data relative to enrollments, performance, and graduation rates for students participating in this program. This information will be used by both institutions to identify areas for improvement.
- Relevant personnel at SLCC (Dean of STEM and Program Coordinator) and UL Lafayette (Director of the School of Geosciences and Program Coordinator for Environmental Science) will meet annually to discuss the overall progress of this agreement, student performance, and any changes in curriculum.
- This agreement will start at the beginning of the Fall 2016 semester and run for an initial 5-year period. The agreement will be reviewed annually, and may be renewed after completion of a 5-year cycle for another 5-year cycle. Modification of the agreement within the 5-year period can be accomplished with written permission from representatives of both institutions. Either institution can cancel the agreement prior to the start of the next semester with written notice.

**Benefit to a Student:**

This articulation agreement identifies a 4-year pathway in which a student can receive his or her Associate of Science degree in General Studies with a concentration in Science at SLCC and a Bachelor of Science degree in Environmental Science at UL Lafayette. As part of this agreement, the following conditions must be met:

1. Students must meet any university-mandated requirements for transfer students at UL Lafayette.
2. Science courses taken in fulfillment of this agreement must be taken in the College of Sciences.
3. For this agreement, only coursework completed at SLCC with a grade of "C" or better can count toward the UL Lafayette degree.
4. Students who seek to take MATH 143 must have a minimum ACT score in Mathematics of 26.

**B. SLCC General Studies Degree Plan**

		TOTAL CREDITS	Course Taken	Grade	Semester Completed
	<b>SEMESTER 1</b>				
ENGL 1010	Rhetoric & Composition	3			
MATH 1105	College Algebra	3			
Art Elective <sup>1</sup>	Choose from ARTS, MUSC, THEA	3			
Social/Behavioral Science <sup>2</sup>		3			
SPCH Elective <sup>3</sup>	Choose from SPCH 1010 or SPCH 1200	3			
	<b>TOTAL</b>	<b>15</b>			
	<b>SEMESTER 2</b>				
ENGL 1020	Composition and Critical Thought	3			
Social/Behavioral Science <sup>2</sup>		3			
Math Elective <sup>4</sup>	Must be higher than MATH 1105	3			
Computer Literacy Elective <sup>5</sup>		3			
Science Elective <sup>6</sup>	Choose from BIOL, CHEM, GEOL, PHYS	3			
	<b>TOTAL</b>	<b>15</b>			
	<b>SEMESTER 3</b>				
Concentration Area <sup>7</sup>		3			
Concentration Area <sup>7</sup>		3			
Concentration Area <sup>7</sup>		3			
Science Elective <sup>6</sup>	Choose from BIOL, CHEM, GEOL, PHYS	3			
Free Elective		3			
	<b>TOTAL</b>	<b>15</b>			
	<b>SEMESTER 4</b>				
Concentration Area <sup>7</sup>		3			
Concentration Area <sup>7</sup>		3			
Concentration Area <sup>7</sup>		3			
Free Elective		3			
Free Elective		3			
	<b>TOTAL</b>	<b>15</b>			
	<b>Associate of General Studies TOTAL CREDITS</b>	<b>60</b>			

<sup>1</sup> Choose from ARTS, MUSC, THEA

<sup>2</sup> Choose from the following courses: CJUS, ECON, CORR, GEOG, HLTH, PHED, POLI, PREK, PSYC, SOCI, TEAC .One course MUST be at the 2XXX level.

<sup>3</sup> Choose from SPCH 1010 or SPCH 1200

<sup>4</sup> Must be at a level higher than MATH 1105; Qualifying students can take MATH 143 at UL Lafayette or must take both MATH 1105 and 1110 at SLCC.

<sup>5</sup> The computer literacy requirement may be satisfied through credit exams or through another course.

<sup>6</sup> Choose from BIOL, CHEM, GEOL, PHYS. Students transferring to a baccalaureate degree program must schedule two courses from the same science. \*\* Students should check with 4-year institution to determine if a particular science is required.

<sup>7</sup> Concentration Areas: Choose 18 hours from one of the five concentration areas.

Natural Sciences..... BIOL, CHEM, GEOL, MATH, PHSC, PHYS

Arts & Humanities .....ARTS, CMCN, ENGL, HIST, MUSC, SPCH, THEA

Applied Sciences .....EMTP, HIM, ITEC, MCIS

Social/Behavioral Sciences.....CJUS, ECON, CORR, GEOG, HLTH, PHED, POLI, PREK, PSYC, SOCI, TEAC

Liberal Arts.....CJUS, CMCN, ENGL, FREN, GEOG, HIST, HLTH, MUSC, PHED, POLI, PSYC, SOCI, SPAN, THEA, ARTS

**C. Clarity of any substitutions and equivalencies**

UL LAF		Credits	SLCC
UNIV 100	Cajun Connection	3	CCFS 1003
ENGL 101	Rhet and Comp	3	ENGL 1010
MATH 109	Pre-Calculus Algebra	3	MATH 1105
ECON 300	Fundamentals to Econ	3	ECON 2010/2020/2030**
CMCN 100	Prin of Hum Cmcn	3	SPCH 1010
MATH 110	Pre-Calculus Trig	3	MATH 1110
BIOL 110	Prin of Biology I	3	BIOL 1010/1015
BIOL 112	Prin of Biology I Lab	1	BIOL 1011
CHEM 107	General Chemistry I	3	CHEM 1030/1035
CHEM 115*	General Chemistry Lab I+II	1	CHEM 1031
Elective	Arts	3	ARTS, MUSC, THEA
ENGL 102	Writing and Research	3	ENGL 1020
STAT 214	Introductory Statistics	3	MATH 2020
BIOL 111	Prin of Biology II	3	BIOL 1020
BIOL 113	Prin of Biology II Lab	1	BIOL 1021
CHEM 108	General Chem II	3	CHEM 1040
CHEM 115*	General Chemistry Lab I+II	1	CHEM 1041
PHYS 207	Intro to Physics I	3	PHYS 2070
MATH 250	Survey of Calculus	3	MATH 2010
PHYS 215	Lab I	1	PHYS 2071
PHYS 208	Intro to Physics II	3	PHYS 2080
Elective	History	3	HIST
ENGL	Literature	3	ENGL 2000 Lit Elective
GEOG 310	Geog of US & Canada	3	GEOG 2010**
PHYS 216	Lab II	1	PHYS 2081

\* CHEM 115 equals two credits, equivalent to CHEM 1031 and CHEM 1041

**\*\*NOTE: The Louisiana Board of Regents requires the successful completion of at least 45 credit hours of coursework at the 300-level or above.** Equivalencies between 200-level courses at SLCC and 300-level courses at UL LAFAYETTE are listed for course content only. ***Courses labeled as 300-level equivalences at UL LAFAYETTE in the above chart will transfer at the level at which they were taken at SLCC. In this instance, UL LAFAYETTE will waive its course requirement(s) upon verification that the student has successfully completed the same course content at SLCC.***

### D. Coursework at University of Louisiana at Lafayette

<b>DEPARTMENTAL CORE (60)</b>			Grd	<b>ENGLISH (6)</b>			Grd
ENVS	100 Environmental Sci	3		ENGL	101	Rhet/Comp	3
ENVS	150 Plant Science	3		ENGL	102	Comp/Lit	3
ENVS	151 Plant Science Lab	1		<b>ARTS (3)</b>			
ENVS	285 Soil Science	4	FA	_____			MusViarDancThea 3
ENVS	310 Field Techniques	3		<b>BHSC (6)</b>			
ENVS	390 Soil & Water Con	3	SP	Even	ECON	300	Fundamentals 3
ENVS	455 Geographic Info I	3			GEOG	350	Louisiana 3
ENVS	464 Geographic Info II	3		<b>MATHEMATICS (6)</b>			
ENVS	472 Internship	3		MATH	143	Pre-Calc Alg & Trig	3
ENVS	484 Watershed Science	3		MATH	250	Surv of Calculus	3
ENVS	486 Water Quality	4	SP	Even	<b>HUMN (9)</b>		
BIOL	112 Fund of Biol Lab I	1		HIST		History	3
BIOL	113 Fund of Biol Lab II	1		CMCN	100	Human Cmcn	3
CHEM	108 Gen Chem II	3	FA	ENGL		Literature	3
CHEM	115 Gen Chem Lab	2	SP	<b>SCIENCE (9)</b>			
GEOL	355 Environmental	3		BIOL	110	Fund Biology I	3
GEOL	460 Site Assessment	3		BIOL	111	Fund Biology II	3
PHYS	207 Physics I	3		CHEM	107	Gen Chem I	3
PHYS	208 Physics II	3					
PHYS	215 Lab I	1					
PHYS	216 Phys Lab II	1					
STAT	214 Statistics	3					
UNIV	100 Cajun Connection	3					

#### Soil & Water Concentration (21)

ENVS	357 Wetland Soils	3	FA	Odd
ENVS	495 Soil Genesis	3	FA	Even
ENVS	490 Pedology	3	SP	Odd
ENVS	493 Soil & Plant Relation	3	FA	Even
CHEM	221 Analytical Chem	3		
GEOL	433 Clay Minerology	3	FA	
GEOL	450 Landscape Evol	3	FA	

#### Environmental Quality Concentration (21)

ENVS	445	Coastal Science	3	FA
ENVS	377	Air Quality	3	
ENVS	490	Pedology	3	SP
CHEM	221	Analytical Chem	3	FA
CHEM	240	Organic Chem	3	FA
OR				
ENVS	357*	Wetland Soils	3	FA
GEOL	450	Landscape Evol	3	
GEOL	470	Groundwater	3	

#### Geographic Information Science (21)

ENVS	357 Wetland Soils	3	FA	Odd
ENVS	445 Coastal Science	3	FA	
ENVS	473 Remote Sensing	3		
ENVS	487 Adv GIS Analysis	3		
ENVS	493 Soil & Plant Relation	3		
ENVS	494 GIS Capstone	3		
GEOL	450 Landscape Evol	3		

\*Students entering program via SLCC 2 + 2 will take ENVS 357.

**E. Curriculum Plan for Degree Completion**

**Bachelor of Science in Environmental Science**

**Articulation Agreement**

**SLCC and UL Lafayette**

**SLCC**

<b>Freshman Year</b>	<b>Credit</b>	<b>ULL</b>	<b>Sophomore Year</b>	<b>Credit</b>	<b>ULL</b>
CCFS 1003	3	UNIV 100	ENGL 1020	3	ENGL 102
ENGL 1010	3	ENGL 101	MATH 2020	3	STAT 214
ARTS, MUSC, THEA	3	Elective Arts	BIOL 1020	3	BIOL 111
ECON 2010 or 2020 or 2030**	3	ECON 300	BIOL 1021	1	BIOL 113
SPCH 1010	3	CMCN 100	CHEM 1040	3	CHEM 108
PHYS 2070	3	PHYS 207	CHEM 1041	1	CHEM 115
PHYS 2071	1	PHYS 215	MATH 2010	3	MATH 250
BIOL 1010	3	BIOL 110	PHYS 2080	3	PHYS 208
BIOL 1011	1	BIOL 112	PHYS 2081	1	PHYS 216
CHEM 1030 or 1035	3	CHEM 107	HIST	3	Elective HIST
CHEM 1031	1	CHEM 115	ENGL 2000 Lit Elec	3	ENGL Literature
MATH 143*	3	MATH 143	GEOG 2010**	3	GEOG 350
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30			30		

**Total SLCC hours: 60**

\*MATH 143 can be taken at UL Lafayette. MATH 1105 and 1110 at SLCC are the equivalent of MATH 143.

**\*\*NOTE: The Louisiana Board of Regents requires the successful completion of at least 45 credit hours of coursework at the 300-level or above. Equivalencies between 200-level courses at SLCC and 300-level courses at UL LAFAYETTE are listed for course content only. *Courses labeled as 300-level equivalences at UL LAFAYETTE in the above chart will transfer at the level at which they were taken at SLCC. In this instance, UL LAFAYETTE will waive its course requirement(s) upon verification that the student has successfully completed the same course content at SLCC.***

**\*ULL Geographic Information Science Concentration**

<b>Junior Year</b>	<b>Credit</b>	<b>Senior Year</b>	<b>Credit</b>
ENVS 100	3	ENVS 455	3
ENVS 285	4	GEOL 355	3
ENVS 357	3	GEOL 450	3
ENVS 473	3	ENVS 445	3
ENVS 390	3	ENVS 493	3
ENVS 487	3	ENVS 464	3
ENVS 150	3	ENVS 472	3
ENVS 151	1	ENVS 310	3
ENVS 484	3	GEOL 460	3
ENVS 486	4	ENVS 494	3
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30		30	

**Total ULL hours: 60**

**\*ULL Soil & Water Concentration**

<b>Junior Year</b>	<b>Credit</b>	<b>Senior Year</b>	<b>Credit</b>
ENVS 100	3	ENVS 455	3
ENVS 285	4	GEOL 355	3
ENVS 357	3	GEOL 450	3
CHEM 221	3	ENVS 493	3
ENVS 310	3	ENVS 464	3
ENVS 150	3	ENVS 472	3
ENVS 151	1	ENVS 490	3
ENVS 484	3	GEOL 460	3
ENVS 390	3	ENVS 495	3
ENVS 486	4	GEOL 433	3
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	<b>30</b>	<b>Total ULL hours: 60</b>	<b>30</b>

**\*ULL Environmental Quality Concentration**

<b>Junior Year</b>	<b>Credit</b>	<b>Senior Year</b>	<b>Credit</b>
ENVS 100	3	ENVS 455	3
ENVS 285	4	GEOL 355	3
CHEM 221	3	GEOL 470	3
ENVS 486	4	ENVS 445	3
ENVS 390	3	ENVS 357	3
ENVS 377	3	ENVS 464	3
ENVS 150	3	ENVS 472	3
ENVS 151	1	ENVS 310	3
ENVS 484	3	GEOL 460	3
GEOL 450	3	ENVS 490	3
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	<b>30</b>	<b>Total ULL hours: 60</b>	<b>30</b>

\*Student may choose among these three concentration areas. Courses are organized assuming a student starts in the Fall semester.