

Articulation Agreement

North Dakota State University (Fargo, ND) and Lake Region State College (Devils Lake, ND)

Year: **2004/2005**

Program: **Biochemistry and Molecular Biology**

The following information pertains to the 2004-2006 NDSU catalog.

Students completing the LRSC courses below with a grade of C or above may transfer them to NDSU in fulfillment of the corresponding courses required for credit applied to the biochemistry and molecular biology program. Students planning to transfer to NDSU are encouraged to have phone or email contact with an advisor from NDSU. Students may call the College of Science and Mathematics at (701) 231-7411.

NDSU Courses			LRSC Courses		
Communication Requirements					
COMM 110	Fundamentals of Public Speaking	3	COMM 110	Fundamentals of Public Speaking	3
ENGL 110	College Composition I	3	ENGL 110	College Composition I	3
ENGL 120	College Composition II	3	ENGL 120	College Composition II	3
Quantitative Reasoning Requirements					
MATH 165	Calculus I	4	MATH 165	Calculus I	4
MATH 166	Calculus II	4	MATH 166	Calculus II	4
				<i>(Quantitative Reasoning at LRSC)</i>	
Science and Technology Requirements					
BIOL 150/L	General Biology I/Lab	3/1	BIOL 150	General Biology I/Lab	4
BIOL 151/L	General Biology II/Lab	3/1	BIOL 151	General Biology II/Lab	4
CHEM 121/L	General Chemistry I/Lab	3/1	CHEM 121	General Chemistry I/Lab	5
CHEM 122/L	General Chemistry II/Lab	3/1	CHEM 122	General Chemistry II/Lab	5
CHEM 341/L	Organic Chemistry I/Lab	3/1	CHEM 241	Organic Chemistry I/Lab	4
				<i>(Science & Technology at LRSC)</i>	
CHEM 342/L	Organic Chemistry II/Lab	3/1	CHEM 242	Organic Chemistry II/Lab	4
				<i>(Science & Technology at LRSC)</i>	
Humanities and Fine Arts Requirements					
Elective		6	*Elective		6
Social and Behavioral Science Requirements					
Elective		6	*Elective		6
Wellness Requirements					
Elective		2	*Elective		2
Global Perspectives Requirement**					3
Cultural Diversity Requirement**					3
Additional Humanities & Fine Arts and Social & Behavioral Science Requirements					
<i>For Bachelor of Science</i>					
Elective		6	*Elective		6
Biochemistry Option					
PHYS 251/L	University Physics I/Lab	5/1	PHYS 251	University Physics I/Lab	4
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252	University Physics II/Lab	4
Molecular Biology Option					
<i>Choose 1 sequence from:</i>					
PHYS 211/L	College Physics I/Lab	3/1	PHYS 211	College Physics I/Lab	4
PHYS 212/L	College Physics II/Lab	3/1	PHYS 212	College Physics II/Lab	4
	-OR-			-OR-	
PHYS 251/L	University Physics I/Lab	5/1	PHYS 251	University Physics I/Lab	4
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252	University Physics II/Lab	4

Bioinformatics Option					
CSCI 160	Computer Science I	4	CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4	CSCI 161	Computer Science II	4
PHYS 251/L	University Physics I/Lab	5/1	PHYS 251	University Physics I/Lab	4
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252	University Physics II/Lab	4
Biophysics Option					
MATH 265	Calculus III	4	MATH 265	Calculus III	4
PHYS 251/L	University Physics I/Lab	5/1	PHYS 251	University Physics I/Lab	4
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252	University Physics II/Lab	4
CSCI 160	Computer Science I	4	CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4	CSCI 161	Computer Science II	4
Biochemical Business Option					
ECON 201	Principles of Microeconomics	3	***ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3	***ECON 202	Principles of Macroeconomics	3
PSYC 111	Introduction to Psychology	3	PSYC 111	Introduction to Psychology	3
			<i>(Satisfies Social & Behavioral Science for this option)</i>		
<i>Choose 1 sequence from:</i>					
PHYS 211/L	College Physics I/Lab	3/1	PHYS 211	College Physics I/Lab	4
PHYS 212/L	College Physics II/Lab	3/1	PHYS 212	College Physics II/Lab	
-OR-			-OR-		
PHYS 251/L	University Physics I/Lab	5/1	PHYS 251	University Physics I/Lab	4
PHYS 252/L	University Physics II/Lab	4/1	PHYS 252	University Physics II/Lab	4

*Humanities & Fine Arts, Social & Behavioral Science, and Wellness electives may be fulfilled with any GERTA courses under the same category.

**The Global Perspectives and Cultural Diversity requirements may be fulfilled within other general education categories. Check with an advisor for courses that meet this requirement.

***Satisfies Social & Behavioral Science and Global Perspectives for this option.