

Statewide Natural Sciences Course Articulation Matrix, AY 2008-09



LOUISIANA BOARD OF REGENTS

STATEWIDE NATURAL SCIENCES COURSE ARTICULATION MATRIX

ACADEMIC YEAR 2008-09

Read This First

Numerous course transfer (“equivalency”) agreements exist among Louisiana's public postsecondary institutions. For coursework in the Natural Sciences, a matrix representing such agreements appears below.

The purpose of the matrix is to list only those courses about which there is broadest range of agreement. It is *not* an exhaustive list of all articulation agreements among the state's institutions, public or private, and should not be used by anyone as if it were.

The prerogative for accepting a course for degree, general education, or elective credit belongs to the institution to which a student intends to transfer (the “receiving institution”). Students are therefore urged to contact the appropriate department or unit at the receiving institution for definitive answers to the following questions:

- how a course will transfer;
- whether the course will count toward a particular major, and under what conditions (e.g., if a letter grade of "C" or better is required for the course to count for degree credit);
- requirements for school accreditation, which may preclude some courses from being accepted for credit; and
- any other articulation agreements that may exist between schools.

The role of the Board of Regents is not to decide course equivalency questions, but to coordinate, monitor, and publish the broadest areas of agreement about these questions among the state's public institutions. Matrices for other areas (e.g., General Education and Business) can be found on the Board of Regents' website (www.regents.state.la.us).

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How to use this matrix

The leftmost column of the matrices below shows a list of generic (“crosswalk”) course names. Each additional column shows the course at a particular institution which corresponds to a given crosswalk course name. If a course appears in the institution's column, other institutions in that matrix have agreed that the course is equivalent to their own, which is listed in their own columns.

If a course does *not* appear in an institution's column, not enough institutions have decided that the course is indeed equivalent to their own. As a general rule, to appear on a statewide matrix, a course must be deemed acceptable by *at least half* of the public postsecondary institutions in the state in that matrix category.

Sometimes a course may be listed as acceptable only under certain conditions. Conditions and other relevant information is denoted as follows:

A footnote number beside a *crosswalk* course name alerts students to additional general information or guidance about courses in that row.

A footnote number beside an *institution's* course generally means that the course may not be accepted as an equivalent course by one other institution. Information about that course is detailed in the corresponding endnote.

An asterisk (*) beside an institution's course in the matrix means that two or more institutions do not accept the course as an equivalent course. A student should contact the registrar or admissions unit at the institution to which he or she intends to transfer to inquire about the potential transferability of the course and to determine whether the course will count toward credit in a particular major.

A double asterisk (**) beside a crosswalk course (e.g. English Literature I **) signifies that courses in this row are upper division courses at some institutions and lower division courses at other institutions. Typically, courses taken at two-year institutions and 100/1000 and 200/2000 level courses taken at four-year institutions will not transfer as upper division courses. Students are urged to contact the institution to which they intend to transfer for details.

A plus sign (+) beside a crosswalk course denotes that students are strongly advised to complete a lecture and lab *sequence* of natural science courses to maximize transfer of credit for general education purposes at another institution.

A hash mark (#) beside an institution's course in language (e.g. Spanish) denotes that if a sequence of language courses is completed at a given institution, the equivalent of that sequence will be accepted at other institutions. Students are urged to contact the receiving institution for interpretation of credit if only a portion of the sequence is completed. Also, students may be required to take a language placement examination, especially if transferring mid-sequence.

A note in parenthesis (e.g., (4cr)) by an institution's course indicates that there may be a difference in credit value with other courses on that row and the course may not be equivalent for degree requirements. Students should check with the receiving institution before taking a course on the row that they intend to transfer for degree credit.

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Authority of this matrix

Courses in the matrices have been evaluated by appropriate faculty at the institutions listed and should have been distributed to appropriate parties at the institution, such as the registrar and admissions personnel. Therefore, unless otherwise noted, all courses in a given row are officially considered equivalent to each other and *will* be accepted for credit. The Statewide Council of Chief Academic Officers and the Board of Regents have also endorsed these matrices as normative.

What if a course doesn't appear anywhere on this matrix?

If the course you're interested in does not appear anywhere on the matrices below, it still may be accepted for credit. Contact the receiving institution's Office of the Registrar. The receiving institution will likely require documentation that the course was taught by faculty with the appropriate qualifications, especially courses from institutions which are neither accredited nor candidates for accreditation by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS-CoC). The receiving institution will also likely require the course syllabus, a transcript, and other kinds of information.

Abbreviations

BRCC – Baton Rouge Community College
BPCC – Bossier Parish Community College
Delgado – Delgado Community College
Grambling – Grambling State University
Fletcher – Fletcher Technical Community College
LDCC – Louisiana Delta Community College
LSU A&M – Louisiana State University
LSUA – Louisiana State University, Alexandria
LSUE – Louisiana State University, Eunice
LSUS – Louisiana State University, Shreveport
LaTech – Louisiana Tech University
LTC – Louisiana Technical College
McNeese – McNeese State University

Nicholls – Nicholls State University
NSU – Northwestern State University
Nunez – Nunez Community College
RPCC – River Parishes Community College
SLCC – South Louisiana Community College
SLU – Southeastern Louisiana University
SUBR – Southern University and A&M College
SUNO – Southern University, New Orleans
SUS – Southern University, Shreveport
Sowela – Sowela Technical Community College
ULL – University of Louisiana, Lafayette
ULM – University of Louisiana, Monroe
UNO – University of New Orleans

**STATEWIDE NATURAL SCIENCES ARTICULATION MATRIX
AY 2008-09**

	BPCC	BRCC	DELGADO	GSU	FTCC	LDCC	LSU A&M	LSUA	LSUE	LSUS	LATECH	LTC	MCNEESE	NICHOLLS	NSU	NUNEZ	RPCC	SLCC	SLU	SUBR	SUNO	SUSLA	SOWELA	ULL	ULM	UNO
General Biology I	BLGY 101 (4 cr)	BIOL 120	BIOL 141	BIOL 113		BIOL 201	BIOL 1201	BIOL 1201 (4 cr)	BIOL 1201	BIOS 120	BISC 130		BIOL 101	BIOL 155 (4 cr)	BIOL 1010	BIOL 1100	BIOL 1200 (4 cr)	BIOL 1010	GBIO 151	BIOL 108	BIOL 124	BIOL 104 (4 cr)		BIOL 110	BIOL 120	BIOS 1073
General Biology I Lab		BIOL 120L	BIOL 143	BIOL 115		BIOL 203 (1 cr)	BIOL 1208		BIOL 1208/1207	BIOS 120L	BISC 131		BIOL 101L		BIOL 1011	BIOL 1110		BIOL 1011	BIOL 152	BIOL 109	BIOL 124L (2 cr)			BIOL 112	BIOL 121	BIOS 1071
General Biology II	BLGY 102 (4 cr)	BIOL 121	BIOL 142	BIOL 114		BIOL 202	BIOL 1202	BIOL 1202 (4 cr)	BOTY 1202 (4 cr)/BIOL 1202	BIOS 222 & 224	BISC 132		BIOL 102	BIOL 156 (4 cr)	BIOL 1020	BIOL 1200	BIOL 1210 (4 cr)	BIOL 1020	GBIO 153		BIOL 125	BIOL 105 (4 cr)		BIOL 111	BIOL 122	BIOS 1083
General Biology II Lab		BIOL 121L	BIOL 144	BIOL 116		BIOL 204 (1 cr)	BIOL 1209		BIOL 1209	BIOS 222L & 224L	BISC 133		BIOL 102L		BIOL 1021	BIOL 1210		BIOL 1021	BIOL 154		BIOL 125L			BIOL 113	BIOL 123	BIOS 1081
Cell Biology **				BIOL 459			BIOL 3090	BIOL 2080	BIOL 2151 (4 cr)	BIOS 330	BISC 315		BIOL 414	BIOL 440	BIOL 4000				GBIO 200	BIOL 402 (4 cr)	BIOL 324	BIOL 264 (4 cr)		BIOL 457	BIOL 220	BIOS 2114 (4 cr)
Cell Biology Lab **				BIOL 461						BIOS 330L				BIOL 441							BIOL 324L			BIOL 458 (2 cr)		
Comparative Anatomy			BIOL 207	BIOL 419			BIOL 3152	BIOL 3152 (4 cr)	BIOL 2152 (4 cr)	BIOS 372 (2 cr)	BISC 290 (4 cr)		BIOL 250 (4 cr)	BIOL 252 (5 cr)	BIOL 2080 (2 cr)				ZOO 302 (4 cr)	BIOL 241 (4 cr)	BIOL 231			BIOL 336 (4 cr)	BIOL 316 (4 cr)	BIOS 2954
Comparative Anatomy Lab			BIOL 209							BIOS 372L (2 cr)					BIOL 2081 (2 cr)						BIOL 231L					
Developmental Biology **				BIOL 202 (4 cr)				BIOL 3154 (4 cr)		BIOS 375	BISC 411		BIOL 305 (4 cr)	BIOL 332 (4 cr)					ZOO 331 (4 cr)	BIOL 342 (4 cr)	BIOL 270			BIOL 425		BIOS 4413
Developmental Biology Lab **										BIOS 375L											BIOL 270L			BIOL 426		BIOS 4421
Biochemistry I				CHEM 461						BCHM 410	CHEM 351		CHEM 431 (4 cr)	CHEM 435	CHEM 4040				CHEM 481	CHEM 340	BIOL 306			CHEM 317	CHEM 350	BIOS 3104 (4 cr)
Biochemistry I Lab										BCHM 410L (2 cr)	CHEM 353			CHEM 437	CHEM 4041				CLAB 485 (2 cr)	CHEM 341	BIOL 306L			CHEM 319 (2 cr)	CHEM 351	
Biochemistry II										BCHM 412	CHEM 352		CHEM 432 (4 cr)	CHEM 436	CHEM 4050				CHEM 482	BIOL 341				CHEM 417	CHEM 352	
Biochemistry II Lab										BCHM 412L (2 cr)	CHEM 354								CLAB 486 (2 cr)	BIOL 343						
General Botany I	BLGY 201		BIOL 201				BIOL 3160	BOTy 1202 (4 cr)	BIOS 224	BISC 216					BIOL 2100 (2 cr)				BOT 205 (4 cr)	BIOL 209 (4 cr)						
General Botany I Lab	BLGY 201L		BIOL 203						BIOS 224L	BISC 217					BIOL 2101											
General Botany II																										
General Botany II Lab																										
Field Botany/Plant Taxonomy **							BIOL 4041 (4 cr)		BIOS 371 (2 cr)	BISC 221 & 222			BIOL 308 (4 cr)	BIOL 361 (4 cr)	BIOL 2140 (1 cr)				BOT 347 (4 cr)		BIOL 204			BIOL 440 (4 cr)	BIOS 4844 (4 cr)	
Field Botany/Plant Taxonomy Lab									BIOS 371L (2 cr)						BIOL 2141 (2 cr)						BIOL 204L					
Ecology **				BIOL 206 (4 cr)			BIOL 4253	BIOL 4253 (4 cr)		BIOS 440	BISC or ENSC313		BIOL 410 (4 cr)	BIOL 404 (4 cr)	BIOL 4400		BIOL 2300		GBIO 395		BIOL 341			BIOL 360 (4 cr)		
Ecology Lab **							BIOL 4254			BIOS 440L					BIOL 4401						BIOL 341L					
Genetics **	ZLGY 205 (4 cr)		BIOL 245	BIOL 302 (4 cr)			BIOL 2153 (4 cr)	BIOL 3153 (4 cr)	BIOL 2153 (4 cr)	BIOS 363	BISC 310		BIOL 315 (4 cr)	BIOL 320 (4 cr)	BIOL 3270	BIOL 2050			GBIO 312	BIOL 350 (4 cr)	BIOL 302	BIOL 232 (4 cr)		BIOL 224	BIOL 305	BIOS 3453

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Genetics Lab **										BIOS 363L									BIOL 314 (2 cr)		BIOL 302L					BIOL 306	
General Microbiology **	MICR 206 (4 cr)	BIOL 210 (4 cr)	BIOL 210	BIOL 304 (4 cr)		BIOL 210	BIOL 2051 (4 cr)	BIOL 2051 (4 cr)	BIOL 2051 (4 cr)	BIOS 320	BISC 260 (4 cr)		BIOL 211 (4 cr)	BIOL 203	BIOL 2060	BIOL 2000	BIOL 2110	BIOL 2030	MIC 205	BIOL 232 (4 cr)	BIOL 217	BIOL 200 (4 cr)			BIOL 261	BIOL 214	BIOS 2744 (4 cr)
General Microbiology Lab **			BIOL 212			BIOL 211 (1 cr)				BIOS 320L				BIOL 204	BIOL 2061	BIOL 2010	BIOL 211L	BIOL 2031	MIC 207		BIOL 217L				BIOL 263 (2 cr)	BIOL 215	
General Physiology (Animal) [1]							BIOL 4160	BIOL 3150 (4 cr)		BIOS 387	BISC 320		BIOL 321 (4 cr)	BIOL 326 (4 cr)	BIOL 4220				ZOO 392 (4 cr)		BIOL 301					BIOL 414 (4 cr)	
General Physiology (Animal) Lab							BIOL 4161			BIOS 387L	BISC 321				BIOL 4211						BIOL 301L						
Intro to Zoology	ZLGY 201								BIOL 1503	BIOS 222											BIOL 201 (4 cr)	BIOL 205					
Intro to Zoology Lab	ZLGY 201L									BIOS 222L												BIOL 205L					
Vertebrate Zoology				BIOL 411 (4 cr)				BIOL 3500 (4 cr)	BIOL 2500 (4 cr)	BIOS 376			BIOL 216 (4 cr)											BIOL 201 (4 cr)	BIOL 332 (4 cr)	BIOS 3944 (4 cr)	
Vertebrate Zoology Lab										BIOS 376L																	
Chemistry I	CHEM 101	CHEM 101	CHEM 141	CHEM 111		CHEM 110	CHEM 1201	CHEM 1201	CHEM 1201	CHEM 121	CHEM 100 (2 cr)/101 (2 cr)		CHEM 101 (4 cr)	CHEM 105	CHEM 1030	CHEM 1100	CHEM 1010	CHEM 1030	CHEM 121	CHEM 132	CHEM 111	CHEM 132 (4 cr)			CHEM 107	CHEM 107	CHEM 1017
Chemistry I Lab	CHEM 101L	CHEM 101L	CHEM 143	CHEM 113		CHEM 111 (1 cr)		CHEM 1301		CHEM 121L	CHEM 103				CHEM 1031	CHEM 1110	CHEM 101L	CHEM 1031	Clab 123	CHEM 112	CHEM 111L (2 cr)				CHEM 109		
Chemistry II	CHEM 102	CHEM 102	CHEM 142	CHEM 112		CHEM 120	CHEM 1202	CHEM 1202	CHEM 1202	CHEM 124	CHEM 102 (2 cr)		CHEM 102 (4 cr)	CHEM 106	CHEM 1040	CHEM 1200	CHEM 1020	CHEM 1040	CHEM 122	CHEM 133	CHEM 112	CHEM 133 (4 cr)			CHEM 108	CHEM 108	CHEM 1018
Chemistry II Lab	CHEM 102L	CHEM 102L	CHEM 144	CHEM 114		CHEM 121 (1 cr)	CHEM 1212 (2 cr)	CHEM 1302	CHEM 1212 (2 cr)	CHEM 124L	CHEM 104			CHEM 110 (2 cr)	CHEM 1041	CHEM 1210	CHEM 102L	CHEM 1041	Clab 124	CHEM 113	CHEM 112L (2 cr)				CHEM 115 (2 cr)	CHEM 110	CHEM 1028
Organic Chemistry I *			CHEM 221	CHEM 223			CHEM 2261	CHEM 2261	CHEM 2261	CHEM 265	CHEM 250 (2 cr)/251 (2 cr)		CHEM 301	CHEM 221	CHEM 3010				CHEM 265	CHEM 230	CHEM 241	CHEM 230 (4 cr)			CHEM 231	CHEM 230	CHEM 2217
Organic Chemistry I Lab *			CHEM 223	CHEM 225			CHEM 2362 (2 cr)	CHEM 2361	CHEM 265L	CHEM 253			CHEM 301L (2 cr)		CHEM 3011 (2 cr)				Clab 267	CHEM 220	CHEM 241L (2 cr)				CHEM 233	CHEM 231	
Organic Chemistry II **			CHEM 222	CHEM 224			CHEM 2262	CHEM 2262	CHEM 2262	CHEM 266	CHEM 252 (2 cr)		CHEM 302	CHEM 222	CHEM 3020				CHEM 266	CHEM 231	CHEM 242	CHEM 231 (4 cr)			CHEM 232	CHEM 232	CHEM 2218
Organic Chemistry II Lab **			CHEM 224	CHEM 226			CHEM 2264 (2 cr)	CHEM 2361 (2 cr)	CHEM 2362/CHEM 2364 (2 cr)	CHEM 266L	CHEM 254		CHEM 302L (2 cr)	CHEM 226 (2 cr)	CHEM 3021 (2 cr)				Clab 268	CHEM 221 (2 cr)	CHEM 242L (2 cr)				CHEM 234 (2 cr)	CHEM 233	CHEM 2026 (2 cr)
Physics I	PHYS 201	PHYS 201	PHYS 141	PHYS 109		PHYS 210	PHYS 2001	PHYS 2001	PHYS 2001	PHYS 251	PHYS 209		PHYS 201 (4 cr)	PHYS 101	PHYS 2030	PHYS 1100		PHYS 2071	PHYS 191	PHYS 141 (4 cr)	PHYS 211	PHYS 221 (5 cr)			PHYS 207	PHYS 203 or 207	PHYS 1031
Physics I Lab	PHYS 201L	PHYS 210L	PHYS 143	PHYS 111		PHYS 211 (1 cr)	PHYS 2108	PHYS 2108	PHYS 2108	PHYS 251L	PHYS 261			PHYS 103	PHYS 2031	PHYS 1110			PLAB 193		PHYS 211L (2 cr)				PHYS 215	PHYS 209	PHYS 1033
Physics II	PHYS 202	PHYS 202	PHYS 142	PHYS 110		PHYS 220	PHYS 2002	PHYS 2002	PHYS 2002	PHYS 252	PHYS 210		PHYS 202 (4 cr)	PHYS 102	PHYS 2040	PHYS 1200			PHYS 192	PHYS 142 (4 cr)	PHYS 222	PHYS 222 (5 cr)			PHYS 208	PHYS 204 or 208	PHYS 1032
Physics II Lab	PHYS 202L	PHYS 211L	PHYS 144	PHYS 112		PHYS 221 (1 cr)	PHYS 2109	PHYS 2109	PHYS 2109	PHYS 252L	PHYS 262			PHS 104	PHYS 2041	PHYS 1210			PLAB 194		PHYS 222L (2 cr)				PHYS 216	PHYS 210	PHYS 1034

1. LSU does not recognize any courses on this line as equivalent to its own.