

Biological Sciences Block Transfer Agreement 2009-2010

Many Alberta post-secondary institutions have determined that a Biological Sciences student requires certain courses and credits in the first two years of any Biological Sciences program. A student may obtain **up to 20 3-credit courses** towards a Biological Sciences program at one of the post-secondary institutions offering Bachelors Degrees in Biological Sciences by completing the following block requirements.

Students who do not present the full block of courses will be assessed on a course-by-course basis.

Questions and Answers

1. What does this chart do?

This chart can help you plan your 20 3-credit courses if you plan to transfer from any of the institutions on the chart to institutions that offer degrees in Biological Sciences. By successfully completing the requirements outlined in one of the institution's rows of courses, you would have developed an appropriate background so that you would be able to succeed in your third year of studies.

2. Where can I get my degree from?

Institutions that offer four-year Bachelor's Degrees in Biological Sciences are indicated with a "Yes" under the "Offers Degree in Biological Sciences" column. You may apply your block of transfer courses from any of the other institutions listed to transfer into one of the degree-granting institutions with 20 3-credit courses.

3. What if I don't take all of the courses?

If you do not complete all of the courses in the block, your course credit will be considered on a course-by-course basis.

4. Does this chart tell me which courses are equivalent?

No. This chart is not intended to represent course-by-course agreements, but rather a larger "block of knowledge" that would be transferred to your third year of studies. To find out which individual courses transfer, please refer to Section IV of the Guide, which contains course-by-course agreements.

5. Am I guaranteed to get into the school I choose if I complete a block of courses?

Successful completion of the block of core courses, along with appropriate transferable options will allow transfer into third-year at a participating university Biological Sciences program provided admission requirements of the program are also met. However, admission is competitive, and institutions may require a specific grade point average or minimum grade in each course in order for credit to be granted. Contact the institution you are interested in to discuss their specific transfer requirements.

6. Who should I talk to if I have questions?

While this block transfer chart is designed to help make your transition as smooth as possible, you are encouraged to talk to an advisor at the institution you are planning to transfer from, as well as an advisor at the institution where you plan to complete your degree.

You may also contact the Alberta Council on Admissions and Transfer for help with credit transfer questions, either through email at acat@gov.ab.ca or by phone at (780) 422-9021 (Toll free in Alberta 310-0000).

7. How does the chart work?

Example of block transfer requirements:

Grande Prairie Regional	BIOL 1070, 1080, 2070, 2080 +1 of MI2650 or ZO 2250 or 2500	BC 2000	CH 1010 + 2610/2630	ST 1510 +1 of MA 1130, 1140, 1150 or 1200	
--------------------------------	---	---------	---------------------	---	--

To complete the block, a student could plan to take the following courses over 2 years:

Grande Prairie Regional	BIOL 1070, 1080, 2070, 2080, ZO 2250	BC 2000	CH 1010 + 2610/2630	ST 1510 , MA 1140	10 3-credit option courses	
Total Credits Achieved	15 credits	3 credits	6 credits	6 credits	30 credits	60 credits

For Biological Sciences Chart see next page 

Biological Sciences Block Transfer Chart 2009-2010

Institution	Biology	Biochemistry	Chemistry	Math/Statistics	Offers Bio Sci Degree
	5 courses ^{1,2}	1 course	3 or 4 courses	2 courses	
Concordia	BES 107, 108, 208, BIO 207 +1 of BES 250, BIO 225 or 265	BIOCH 200	CH 101 + 261/263	MAT 151 +1 of MAT 113, 114, 115 or 120	Yes
Grande Prairie Regional	BI 1070, 1080, 2070, 2080 +1 of MI2650 or ZO 2250 or 2500	BC 2000	CH 1010 + 2610/2630	ST 1510 +1 of MA 1130, 1140, 1150 or 1200	No
Grant MacEwan	BIOL 107, 108, 207, 208 +1 of BOTN 205, ZOOL 225 or 250	BICM 200	CHEM 101 +(164 or 261) +263 ⁷	STAT 151 +1 of MATH 113, 114, 115 or 120	Yes
Keyano	BIOL 107, 108, 208 + ZOO 350 ^{9,10}	BIOCH 200	CHEM 101 + 161/263 ⁶	STAT 151 +1 of MATH 1113, 1115 or 1120	No
Lakeland	BIOL 107, 108, 207, 208, BOT205	BIOCH 200	CHEM 101, CHEM 161/263 ⁶	STAT 151 +1 of MATH 113, 115	No
Medicine Hat	BIOL 231, 233, 311, 313, 331	BCEM 200 or 393 ⁸	CHEM 201, 203 + 250/251 or 350/ 351 ⁶	MATH 202 or 203 + 1 of 204 or 221	No
Mount Royal	BIOL 1202, 1204, 2101, 2202, ECOL 2213	BCEM 2201 or 3393	CHEM 1201, 1202, 2101, 2102	MATH 1200 and one of MATH 1202 or 1203	Yes
Red Deer	BIOL 217, 218, 317, 318 +1 of BOT 310 or MICR 365 or ZOOL 325 or 350	BIOC 301 or 393	CHEM 211 + 251/352 OR CHEM 211 +351/352	STAT 251 +1 of MATH 202, 203, 204 or 221	No
St. Mary's	BIOL 231, 233, 311, 313, 331	BCEM 393	CHEM 201, 203 + 351/353	MATH 249 or 251 +1 of 211 or 253	No
The King's	BIOL 210, 211, 320, 330 +1 of 340, 342, 344 or 346	BIOL 470 or 471 ⁴	CHEM 200/201 + 350/351	STAT 300 +1 of MATH 200, 205, 221	Yes
UofA³	BIOL 107, 108, 207, 208; +1 of BOT 205, 210, MICRB 265, ZOOL 325 or 250 OR AUBIO 110, 130, 253, 260 +1 of 294 or 295	BIOCH 200 OR AUBIO 380 or AUCHE 380	CHEM 101 + (164 or 261) + 263 OR AUCHE 110 + 250, 252	STAT 151 +1 of MATH 113, 114, 115 or 120 OR AUSTA 153 or 215 +1 of AUMAT 110, 111, 112 or 120	Yes
UofC⁵	BIOL 231, 233, 311, 313, 331	BCEM 393	CHEM (201 OR 211) + (203 or 213) + 351/353	MATH 249 or 251 or 281; +1 of 211, 213 or 253, 283	Yes
UofL	BIOL 1010, 1020, 2000, 2200; +1 of BIOL 3000, 3310, 3400, 3520 or 3530	BCHM 2000	CHEM 1000, 2000, 2500, 2600	STAT 1770 + one of MATH 1410 or MATH 1560	Yes

- 4 of the 5 Biology courses must have a laboratory component.
- Students majoring in Botany, Cellular, Molecular & Microbial Biology or Zoology at UofC who present the equivalent of BOTA 321, 327, CMMB 343, ZOOL 375 or 377 will be required to complete an additional option course at the 300-level or higher with their major.
- Students interested in BSc Specialization or Honors programs at UofA may be required to complete additional prerequisite courses. Admission to Specialization and Honors programs also requires students to present at least 24 credits in each preceding Fall/Winter session. Students should consult requirements of specific programs.
- Students transferring to UofL require BIOL 470 to fulfill the Biochemistry component. Students transferring to UofA require both BIOL 470+471.
- Students transferring to the UofC from an institution that substitutes a STAT course for one of the intro MATH in first year, will be required to complete the additional intro math requirement before graduating.
- Organic chemistry courses are under review by UofL.
- Students transferring to UofL should complete CHEM 261/263 and not CHEM 164/263.
- Students transferring to UofL require BCEM 200 to fulfill the biochemistry component.
- Students transferring to UofL will be required to complete BIOL 2000 in their first semester at the UofL.
- Students transferring to the UofC require a second year genetics course and second year cell biology course to fulfill the Biology courses component of UofC.