

**BSc ANIMAL HEALTH**

FACULTY OF AGRICULTURAL, LIFE &amp; ENVIRONMENTAL SCIENCES

UPDATED FEBRUARY 2012

This Academic Planning Guide highlights major points only regarding admission and transfer. Students are advised to read the university and RDC calendars, and the Alberta Transfer Guide for other necessary information. Some courses listed may have prerequisites; refer to [Course Descriptions](#). Access this guide online: [www.rdc.ab.ca/academic\\_advising](http://www.rdc.ab.ca/academic_advising).

**MAJORS: COMPANION & PERFORMANCE ANIMALS, FOOD ANIMALS, and FOOD SAFETY & QUALITY**

BSc Animal Health provides a strong background in basic life sciences with application in animal immunology and infection, animal physiology, nutrition, behavior and welfare, animal production, and food processing. It is of value to students with an interest in the food animal production industry or in the field of companion animals. Experiential learning is a substantial component of this program.

The competitiveness of animal agriculture in western Canada depends on refinement and continued adaptation of production systems that respond to public sensitivities related to animal welfare and the safety of the food supply. Graduates of the program will be well positioned for careers in the companion and performance animal industries or in the food-production value chain, from primary livestock and poultry production, through to product safety and quality.

While registered in the BSc Animal Health program students may complete the requirements of the pre-veterinary medicine program in order to be eligible to apply for admittance to Doctor of Veterinary Medicine (DVM) at University of Calgary's Faculty of Veterinary Medicine (UCVM) and/or University of Saskatchewan's Western College of Veterinary Medicine (WCVM). Any student who completes a minimum of three years of study (90 UofA credits) in this or another eligible ALES degree program and is then admitted into a DVM program in Saskatoon or Calgary may be eligible to receive a BSc degree from the Faculty of ALES upon successful completion of the DVM program. Students taking the first year of BSc Animal Health Sciences at RDC should apply to BSc Agriculture at RDC.

**SUGGESTED COURSE PATTERN YEAR 1**

| FALL   | WINTER   |
|--|--|
| CHEM 211 (3)                                   | CHEM 212 (3)   |
| MATH 202 (or 203) or MATH 221 (3) <sup>1</sup> | CHEM 351 (3)   |
| BIOL 218 (3)                                   | BIOL 217 (3)   |
| ENGL 219 (3)                                   | Two of: BIOL 318, COMM 271 (or 361), ECON 201, STAT 251, or FREE ELECTIVE (3) <sup>3,4</sup> |
| PSYC 260 or FREE ELECTIVE (3) <sup>2,4</sup>   |  |

**NOTES**

1. Students with a grade of 70% or higher in Math 31 who will take calculus are advised to take MATH 203.
2. **Majors in Companion & Performance Animals:** take PSYC 260  
**Majors in Food Animals or Food Safety & Quality:** take Free Elective

3. **Majors in Food Animals:** include one Free Elective
4. **Free Elective:** a 3-credit course in any discipline that is transferable to UofA; use [Alberta Transfer Guide](#) to determine credit transferability. Do not take both COMM 271 and COMM 361.

## INTERNSHIP PROGRAM:

Students in the Faculty of Agricultural, Life and Environmental Sciences (ALES) have the opportunity to complete a paid work experience component as part of their program. The Internship Program is coordinated by the Faculty and is open to students registered in one of the Faculty programs.

The Internship Program provides experiential learning to augment academic study with an 8, 12, or 16 month period of paid, discipline related experience with a cooperating employer. The work experience period is usually between the 3<sup>rd</sup> and 4<sup>th</sup> year of academic study. Students can apply for acceptance in to the Internship Program following their second year of study. For more information see UofA Calendar and Faculty website.

## ADMISSION AND TRANSFER INFORMATION

1. **Admission:** Applicants who have completed 24 credits or more transferable to UofA will be considered for admission on the basis of their admission grade point average (AGPA) if they have an AGPA of at least 2.0. However, admission to this program is competitive so students are advised to aim for a minimum 2.5 GPA. Transfer applicants who have completed less than 24 credits transferable to UofA will be considered for admission on the basis of their high school matriculation average and their post-secondary course work.
2. **Admission Grade Point Average (AGPA) Calculation:** UofA will use all grades obtained in the most recent terms containing at least \*24, including both a failing/non-transferable grade and a transferable grade in the same course. The first grade of C- or better received in a course is the only grade accepted for that course. Therefore, repeating a course for a higher grade is not advisable. If a student truly believes that he/she needs to repeat a course (in which a transferable grade was earned) to master the material sufficiently to successfully continue in the program, it is recommended that the student audit the course.
3. Where the applicant has more than one transferable grade for the same course at any institution, only the first transferable grade is used in calculating the grade point average(s) for admission purposes.
4. **Minimum Transfer Grade:** Transfer credit will be granted for each course transferable to UofA if the grade achieved is at least a C- and the course is applicable to the specific program to which the student has applied. However, while coursework with grades of D or F will not transfer, the grade remains on your transcript and will be used in the calculation of your AGPA.
5. **Residence Requirement:** A maximum of two years of transfer credit (60 academic credits) completed outside the UofA will be granted toward an undergraduate degree in the Faculty of ALES.
6. **Spring Courses:** a spring course may be taken in the year of transfer but students must request a document extension by email ([question@ales.ualberta.ca](mailto:question@ales.ualberta.ca)). It is best to apply for early admission if taking a spring course. The grade earned in that term is included in your AGPA so you will not receive final admission status until July sometime.
7. **Required to Withdraw:** Applicants who have twice been required to withdraw from any post-secondary institution or program will not normally be considered for admission to the Faculty of ALES. Students who have been required to withdraw from any post-secondary institution should consult the UofA Calendar (15.1.9) and other sections of the UofA Calendar referring to academic standing.
8. **Double Majors:** Most programs offer majors, and some allow a double major. Students wishing to do a double major in two different programs must get permission from the Faculty of ALES. Contact the Faculty for more information.
9. **Application deadline:** May 1st **Transcript deadline for transfer students:** June 15th
10. **Regarding course transfer to the University of Alberta & Augustana Faculty:** When checking course transfer to UofA, note that courses which have *AU* as the first two letters of the course abbreviation in the Alberta Transfer Guide will transfer only to the UofA Augustana Faculty in Camrose. In order for a course to also transfer to other UofA faculties, there must be another entry indicating transfer as a course not beginning with *AU* See example below.

**CMPT 214** = UofA CMPUT 114 (3) OR AUCSC 1xx (3)

**CMPT 261** = UofA AUCSC 1xx (3)

CMPT 214 is transferable to all UofA faculties, including Augustana Faculty. CMPT 261 is accepted by Augustana

Faculty only and will not transfer to other faculties at the UofA in Edmonton.

### ALL STUDENTS ARE STRONGLY ADVISED TO:

1. Consult [Course Descriptions](#) for possible course prerequisites,
2. Check [Alberta Transfer Guide](#) concerning course credit transfer to UofA, and
3. Consult the [University of Alberta Calendar](#) and [website](#) for admission and program information.

## HOW TO FIND MORE INFORMATION

### [Science Department](#)

Warren Elgersma, Chairperson  
Office: 1607-E 403-343-4052  
[warren.elgersma@rdc.ab.ca](mailto:warren.elgersma@rdc.ab.ca)  
[http://www.rdc.ab.ca/about\\_rdc/academic\\_departments/sciences](http://www.rdc.ab.ca/about_rdc/academic_departments/sciences)

### [Academic Advising](#)

Academic Advising Centre: Room 1102  
[advisors@rdc.ab.ca](mailto:advisors@rdc.ab.ca) 403-342-3400  
[http://www.rdc.ab.ca/academic\\_advising](http://www.rdc.ab.ca/academic_advising)

### [RDC Website](#)

<http://www.rdc.ab.ca>

### [RDC Timetable](#)

<http://www.rdc.ab.ca/timetable>

### [Alberta Transfer Guide](#)

<http://www.acat.gov.ab.ca>

### [Faculty of ALES, UofA](#)

1-800-804-6417  
[future.students@ales.ualberta.ca](mailto:future.students@ales.ualberta.ca)  
<http://www.ales.ualberta.ca>

### [University of Alberta](#)

<http://www.registrar.ualberta.ca>

### PLEASE NOTE:

Be aware that you are responsible for ensuring that your registration is complete and appropriate and that your course choices comply with the program to which you have been admitted at Red Deer College and/or to the university to which you wish to transfer.

You are cautioned that any changes to your courses, your major or your transfer destination may adversely affect your transferable credit, admission requirements for future programs, or eligibility to graduate from a Red Deer College program. Consult with an academic advisor if you have any questions.

The function of academic advisors is to provide students with information and resources that enable them to make informed decisions relevant to their education. These resources include the Red Deer College Calendar, the Academic Planning Guide for your chosen program and destination university, the Alberta Transfer Guide and the calendar and contact information for your destination university. Academic advisors will assist you in interpreting information from these resources or refer you to your destination university if appropriate. Students in university transfer programs are strongly advised to refer to the calendar of the university to which they wish to transfer and should contact appropriate university departments as required.