

**BACHELOR OF SCIENCE – PHYSIOLOGY
UNIVERSITY OF ALBERTA
DONALD SCHOOL OF BUSINESS, SCIENCE AND TECHNOLOGY**

UPDATED: April 2022

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 Polytechnic and/or to the university to which you wish to transfer (if applicable). You are cautioned that any changes to your courses, your major or your transfer destination may adversely affect your transferable credit (if applicable), admission requirements for future programs, or eligibility to graduate from Red Deer Polytechnic. Please consult with an Advisor if you have any questions.

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.

ADMISSION REQUIREMENTS AND PROGRAM DESCRIPTION

- See the Academic Calendar of your goal institution for admission requirements to their program

WHAT IS THIS GUIDE?

- This is an Academic Planning Guide, prepared by the Student Connect Centre to help you register for courses towards your desired program.
- If you are transferring to another institution to complete your degree, we strongly advise that you read the Academic Calendar of your destination institution for full information.
- This guide focuses on transfer to the University of Alberta (UAlberta) Bachelor of Science in Physiology program.

BSC PHYSIOLOGY IS AN HONORS PROGRAM AT UALBERTA. WHAT DOES THIS MEAN?

- The Honors program is designed to prepare students for advanced study leading to careers in academia, industrial research, or for entry into health-related professions. A choice of courses is available for students with interests in particular branches of the life sciences (e.g., cell and molecular biology, endocrinology, cardiovascular physiology, and neurobiology).
- As a transfer student, admission into Year 2 of this program will be competitive, based on space available at UAlberta. It is recommended you apply to another program at UAlberta in addition to Physiology, to give yourself additional transfer options. The coursework in Year 1 will work for many BSc degrees.

HOW MANY COURSES SHOULD I TAKE A TERM?

- The maximum number of courses you can take in the Fall or Winter terms is 5 courses and 2 courses in the Spring (optional).
- To complete your program in four years, you would need to take the maximum number of courses per term (5 courses in the Fall and 5 courses in the Winter), or 10 course per year. Some students will complete 10 courses in a year by taking 4 courses in the Fall, 4 courses in the Winter, and 2 courses in the Spring (or a combination thereof).

- We encourage you to find the best course load for you to be successful in your courses and your program! However, we encourage you to check the course load requirements for your destination university and degree.
- It is recommended to take at least 24 credits (4 courses per term) over Fall/Winter.
- When determining your course load keep your funding in mind, if applicable. For course load requirements for funding purposes, please visit www.rdpolytech.ca/psfunding.

WHY IS IT RECOMMENDED TO TRANSFER AFTER ONE YEAR AT RDP?

- The majority of the courses in this degree are only offered by UAlberta, so we do not have enough courses to allow a student to complete two full years of study (60 credits).

WHAT HAPPENS IF I TAKE LESS THAN THE RECOMMENDED COURSE LOAD?

- You may need an extra term or year to complete your program.
- May impact admission

WHAT IF I COMPLETED COURSES AT ANOTHER POST-SECONDARY INSTITUTION?

Once you are admitted to RDP, you can then apply to have your post-secondary courses assessed for transfer credit through our [Recognition of Prior Learning Office](#). Once admitted to RDP you can complete an [RPL application form](#), provide the Polytechnic Assessors with any and all transcripts, course outlines/descriptions, or other documentation necessary to support your PLAR application.

- **NOTE:** To qualify for a Red Deer Polytechnic program credential, students must complete at least 50% of the credit requirements for the credential through enrolment in RDP courses.

REGISTRATION AND PROGRAM AUDIT

- Refer to the **Registration** tab on your Loop account to view **Registration Tips and Tricks** for information on:
 - Registering in classes
 - Waitlisting
 - Checking Prerequisites and Corequisites
 - Courses listed as **prerequisites** must be completed before you start the course in question.
 - Courses listed as **co-requisites** must be taken at the same time as the course in question.
 - Viewing Your Schedule
 - And much more!
- After you have completed your registration, if you would like an advisor to review your registration please submit a [Registration Review Form](#).

SUGGESTED COURSE SEQUENCE

FIRST TERM	SECOND TERM
CHEM 211	CHEM 212 (see Important Note 1 below)
BIOL 217	CHEM 351 (see Important Note 1 below)
PHYS 205	STAT 251
ENGL 219	ENGL 220
Arts Elective	Arts Elective

CHECKLIST

REQUIREMENT	PREREQUISITE(S)	COMMENTS	DONE
YEAR 1 COURSES			
CHEM 211 (3 Credits)	Chem 30 and Math 30-1		
BIOL 217 (3 Credits)	Introduction to Cell Biology	BIOL 30 & CHEM 30	
PHYS 205 (3 Credits)	Introductory Physics I	MATH 30; PHYS 30 recommended	
ENGL 219 (3 Credits)	ELA 30-1		
Arts Elective			
CHEM 212 (3 Credits)	Chem 211	(see Important Note 1 below)	
CHEM 351 (3 Credits)	Chem 211 or Chem 102	(see Important Note 1 below)	
STAT 251 (3 Credits)	Introductory Statistics	MATH 30-1 or MATH 30-2	
ENGL 220	Literary Analysis	ENGL 219	
Arts Elective			

IMPORTANT NOTES

1. Completing CHEM 351 and CHEM 212 in year 1 can offer students more versatility in course scheduling in their second year, however taking the course concurrently in Winter term can also create a heavier schedule.

CHEM 212 and CHEM 351 are also available in the Spring term. Students wishing to lighten their first-year course load can take one of CHEM 212/351 in the Winter term of Year 1, and then take the other course in the Spring term of Year 1 or upon transfer to their future university.

ARTS OR SCIENCE ELECTIVE

Examples of available Arts & Science Electives for the current academic year can be viewed [here](#).

TRANSFER INFORMATION

Make sure the courses you take are transferable using [Transfer Alberta](#).

	University of Alberta
Transfer Credit	➤ Recommended to transfer after one year of study at RDP.
Applying for Transfer	➤ Deadline typically March 1. Consult U of A timelines . ➤ Apply to U of A here .
How Admission Grade Point Average (AGPA) calculated	<p>Calculated on all university transferable coursework completed in the most recent two terms of study if they contain a minimum of 24 credits. If those two terms contain less than 24 credits, all work in the next most recent term(s) is included in the calculation until the minimum total of 24 credits is reached. Fall/Winter courses are considered Winter courses in these calculations. For applicants who have attempted less than 24 credits of transferable postsecondary work, the AGPA is based on all university or university transfer credits attempted.</p> <p>Note: Where the applicant has more than one passing grade for the same course at any institution, only the first passing grade is used in calculating the grade point average(s) for admission purposes.</p> <p>For more information on transfer, please consult the University of Alberta Calendar or connect with physl.ugrad@ualberta.ca.</p>
Honors and Specialization GPA	It is recommended students complete a course load of at least 24 credits over Fall and Winter terms. For GPA requirements, please click here . Possession of the minimum GPA does not guarantee entry.
Minimum Transferable Grade	A minimum grade of C- must be achieved in order for course credit to be transferable. While courses with grades of D or F will not transfer, they remain on your transcript and will be used in calculation of your GPA. <i>Please talk to an Academic Advisor as soon as possible if you feel you may be in jeopardy of not getting a C- in a course you are enrolled in.</i>

CONTACT INFORMATION AND HELPFUL RESOURCES

Red Deer Polytechnic Student Connect Centre	<ul style="list-style-type: none"> • studentconnect@rdpolytech.ca • www.rdpolytech.ca/SCC • 403.342.3254
Red Deer Polytechnic website	rdpolytech.ca
Transfer Alberta Guide	transferalberta.alberta.ca
University of Alberta	<ul style="list-style-type: none"> • https://www.ualberta.ca/physiology/index.html • PhysPharReception@ualberta.ca