BACHELOR OF SCIENCE - CHEMISTRY

UNIVERSITY OF ALBERTA – FACULTY OF SCIENCE: HONORS OR SPECIALIZATION PROGRAM
UPDATED MARCH 2019

This guide has been created by the School of Arts & Sciences at Red Deer College using information attained from the University of Alberta's academic calendar. This planning guide highlights only major points regarding admission and transfer.

Students are advised to read the University of Alberta academic calendar for full program and transfer information; for further details regarding Chemistry, visit: http://calendar.ualberta.ca/

PATTERN OF COURSES

<table>
<thead>
<tr>
<th>Fall Term</th>
<th>Winter Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 211</td>
<td>CHEM 212 (see note 1 on page 2)</td>
</tr>
<tr>
<td>Science Option (see note 2 on page 2)</td>
<td>CHEM 351 (see note 1 on page 2)</td>
</tr>
<tr>
<td>MATH 202 or 203 (see note 3 on page 2)</td>
<td>MATH 204</td>
</tr>
<tr>
<td>Physics Requirement (see note 4 on page 2)</td>
<td>Physics Requirement (see note 4 on page 2)</td>
</tr>
<tr>
<td>ENGL 219</td>
<td>ENGL 220 or Arts Option (see note 2 on page 2)</td>
</tr>
</tbody>
</table>

The Bachelor of Science - Chemistry program at Red Deer College is a one year transfer program tailored to help students transfer to various universities. This guide focuses on admission into the University of Alberta.

The Department of Chemistry at the University of Alberta provides an outstanding environment for studies in chemistry, is among the most research active departments in Canada, and is ranked as one of the top departments in the country. The department is one of the best equipped and best funded in North America and has a faculty renowned internationally for excellence in teaching and research.

See more at: https://uofa.ualberta.ca/chemistry

More specific information on the Honors & Specialization programs at the University of Alberta can be found on Page 3.
NOTES

1. Completing CHEM 351 and CHEM 212 in year 1 can offer students more versatility in course scheduling for their second year, however taking the course concurrently in Winter term can also create a heavier schedule. As such, students can choose to complete CHEM 351 and/or CHEM 212 in their first or second year of study, or during a spring term as CHEM 212 and CHEM 351 can be taken during a Spring term. Students wishing to lighten their first-year course load should take one of CHEM 212/351 in the Winter term of Year 1, and then the other course in the Spring term of Year 1.

2. Examples of available Arts & Science Options for the 2019-2020 academic year can be viewed here: [https://rdc.ab.ca/node/80375/attachment](https://rdc.ab.ca/node/80375/attachment) (you can pick up this printout from the School of Arts & Sciences in Room 2203 or view on the Loop)

   Not all of these courses may be transferable to your University (though the majority are). Remember to visit [Transfer Alberta](https://rdc.ab.ca/node/80375/attachment) to check for course transferability, or check with an advisor.

3. Students with 70% or higher in Math 31 can take MATH 203 instead of 202.

4. Two introductory physics courses (chosen from below) are required for the program and generally completed in a student’s first year. If you would like to reduce your course load, you can take Arts Options in place of Physics courses and take your Physics requirements in your second year.

   Choose 1 of the following pairs of Physics Courses for the year.
   - PHYS 205/PHYS 226 (fall and winter term, respectively)
   - PHYS 241/PHYS 247 (fall and winter term, respectively)
IMPORTANT THINGS TO KNOW

University of Alberta calendar entry for Chemistry: http://calendar.ualberta.ca

It is highly advised you read and consult the University of Alberta calendar as it will have the answers to many questions, as well as provide information on the specifics of the program.

Chemistry can be completed at the University of Alberta as either an Honors, Specialization or General degree. Students studying at the Honors/Specialization level will need to maintain a higher level of academic standing, both GPA and course load wise. Students studying at the Honors/Specialization level will also concentrate the majority of their coursework on a single subject.

- **Honors Program**: 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.

- **Specialization Program**: It is recommended students complete a course load of at least 18 credits over Fall and Winter terms. For GPA requirements, please click here. Possession of the minimum GPA does not guarantee entry.

- **General Program**: Will require completion of a major and minor. While no specific course load is required for transfer, students will need to meet general admission requirements. A GPA of 2.0 over a student’s previous 24 credits is required to apply for transfer. Possession of the minimum GPA does not guarantee entry. See RDC’s Bachelor of Science General Planning Guide for the U of A for more info.

PLEASE KEEP IN MIND

- **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. 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.

- **Spring term courses**: a spring term course may be taken in year of transfer if it is not required for admission to the program. The grade will not be calculated in the AGPA nor will it count towards Fall/Winter course load. Ensure the transcript submitted shows registration in the spring course.

- **Transfer after 1 year of study is highly recommended.**

- **Application and document deadlines**: March 1. Visit http://admissions.ualberta.ca/notices-deadlines.aspx for more detailed information on Application dates and deadlines as they can change each year.
HOW TO FIND MORE INFORMATION

School of Arts & Sciences
Advising & Recruiting
Room 2203
artscienceinfo@rdc.ab.ca
403-342-3585 (select option 1)
www.rdc.ab.ca/artsandsciences

Alberta Transfer Guide
http://transferalberta.alberta.ca

University of Alberta
http://www.ualberta.ca

Faculty of Science
https://uofa.ualberta.ca/science
advisor.science@ualberta.ca

Department of Chemistry
https://uofa.ualberta.ca/chemistry

University of Alberta Calendar + Program Information
http://calendar.ualberta.ca/

PLEASE NOTE:

This planning guide is designed to help you choose courses at RDC that will transfer to your destination institution and towards your intended degree. The recommendations in this guide are based on current RDC courses that transfer to the institution identified in this guide, as well as information provided by the institution (either through printed publication and/or communication between our institutions).

Institutions can make changes to their program and/or transfer requirements without consulting Red Deer College. As such, it is recommended you consult with the appropriate institutional information (i.e. university calendars, websites, advisors,) to gain the most up to date information.

You are responsible for ensuring that your registration is completed, and that your course choices comply with the program to which you have been admitted to at RDC and/or to the university to which you wish to transfer. This planning guide is meant to help you gain a basic understanding of your program and provide suggestions for course sequencing.

You are cautioned that any changes to your courses, your major, or your transfer destination may adversely affect your transferable credit or admission requirements for future programs. Consult with the student advisor (above) if you have any questions.

Students in university transfer programs are strongly advised to refer to the calendar of the university that they wish to attend, and should contact appropriate university departments as required.