

BSc NUTRITION AND FOOD SCIENCE – UNIVERSITY OF ALBERTA

FACULTY OF AGRICULTURAL, LIFE & ENVIRONMENTAL SCIENCES

UPDATED JULY 2015

This guide is created by the School of Arts & Sciences at Red Deer College using information attained from the University of Alberta's academic calendar and through consultation with the University of Alberta. 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 Nutrition & Food Sciences, visit: <https://www.registrar.ualberta.ca/calendar/>

MAJORS: Nutrition and Food Science (general program)

SPECIALIZATIONS: Food Science & Technology Specialization, Dietetic Specialization

HONOURS: Honours in Food Science, Honours in Nutrition

PROGRAM INFORMATION

Students studying Nutrition and Food Science at the University of Alberta can pursue 5 different program completion options upon transfer. **Students starting at RDC will be best set up to transition into the Nutrition and Food Science General program. The recommended courses at RDC are reflective of this program.** If you are pursuing another major, you may experience some added time to finish your degree from the University of Alberta when you transfer. For more information about this, please speak to an advisor. Student's pursuing the Dietetic Specialization are highly recommended to start their studies at the University of Alberta where possible.

The BSc General program in Nutrition and Food Science provides students with a diverse education in human nutrition and food science. Graduates have a working knowledge of the fundamentals of nutritional science couples with basic knowledge in applied chemistry and microbiology as it pertains to food manufacturing, preservation, storage and distribution. This degree integrates a sound scientific education with course work related to applied economics, sociology and education, and applied science. Students in the BSc Nutrition and Food Science, General program must select one of the minors available in the program. After completing a year in the General Program, students may choose to apply to a Specialization program, Honors program, or stay in the General program. [Click here for more information about the Nutrition and Food Science, General Program from the University of Alberta](#)

The BSc Honours in Food Science program offers students a specialized, research intensive education. The Honors in Food Science program meets the guidelines of the Institute of Food Technologists (IFT). This program prepares students for admission to Graduate school leading to a Master of Science (MSc) or a Doctor of Philosophy (PhD). Additionally, it qualifies students for careers in the food industry and related government sectors that include scientific research, applied research, and product development. [Click here for more information about the Honours in Food Science program from the University of Alberta](#)

The BSc Honours in Nutrition offers students a specialized, research intensive, academic program in nutritional science and the related physical, health and social sciences. In addition, it prepares students for careers in the health sciences, health promotion, education, the government sector, international development, and research. This program prepares students for admission to Graduate school leading to a Master of Science (MSc) or a Doctor of Philosophy (PhD). [Click here for more information about the Honours in Nutrition program from the University of Alberta](#)

PROGRAM INFORMATION continued

The BSc Nutrition and Food Science, Food Science and Technology Specialization prepares students for careers in the food industry and related government sectors. The Specialization meets the guidelines of the Institute of Food Technologists (IFT). This academic program focuses on applying chemistry, microbiology, and engineering to food systems and technological processes used in food manufacturing, preservation, storage, and distribution. Graduates of this program may enter the food industry as technical specialists or quality control managers. Opportunities also exist in government employment as inspectors, laboratory managers, and extension workers; in international development agencies; and in private laboratories providing consultative or technical service to the food industry and food marketing chains. [Click here for information on the Food Science and Technology Specialization at the University of Alberta](#)

Starting Fall 2016, The Nutrition Major at University of Alberta will be known as the Dietetic Specialization

The BSc Nutrition and Food Science, Dietetics Specialization prepares students for careers as Registered Dietitians. The Dietetic Specialization enables students to acquire both the knowledge and the practical skills needed to practice as a Registered Dietitian or Registered Nutritionist.

Students applying into this program will need to spend a year at the University of Alberta enrolled in the Nutrition and Food Science, General program prior to applying to the Dietetic Specialization. Transfer students will not be able to present the appropriate credit to apply directly into the program. **Starting Fall 2015, we do not recommend you start your studies at RDC if your goal is to pursue the Dietetic Specialization. You will need to spend at least one full year in the Nutrition and Food Science General Program at the U of A before you can be considered for admission into the Dietetic Specialization.**

[Click here for information on the Dietetic Specialization at the University of Alberta](#)

For further information on Nutrition & Food Sciences at the University of Alberta: Please visit the ALES Website at the University of Alberta for more information, or, follow this link:

<http://www.ales.ualberta.ca/prospectivestudents/ExplorePrograms/NutritionFoodScience.aspx>

NUTRITION & FOOD GENERAL SCIENCE PROGRAM

- Students in the Nutrition and Food Science General Program must complete a minor. Students normally select a minor by the end of the first year of study to facilitate appropriate course selection. The minors are: Food Marketing, Food Policy, Food Safety and Quality, Food Service Management, Human Ecology, Nutrition Communication and Education, Global Health, and Physical Activity.
- Students studying Nutrition and Food Science at the University of Alberta can pursue 5 different majors upon transfer. **Students starting at RDC will be best set up to transition into the Nutrition and Food Science General program. The recommended courses at RDC are reflective of this program.** If you are pursuing another major, you may experience some added time to finish your degree from the University of Alberta when you transfer. For more information about this, please speak to an advisor

YEAR 1 SUGGESTED PATTERN

FALL	WINTER
BIOL 217 (3) ¹	KNSS 244 (3) ¹
ENGL 219 (3)	ENGL 220 (3)
CHEM 211 (3)	One of the following: MATH 202 or 203 ,CHEM 212, ECON 201, PSYC 260 (3) ²
COMM 271 (3)	STAT 251 (3)
Free Elective (3) ³	Free Elective (3) ³

NOTES:

1. Seats in KNSS 244 may be reserved for students enrolled in Kinesiology programs and therefore be unavailable to you in the online registration process; if so, contact an [academic advisor](#) stating your RDC student ID number to gain access to an open seat. BIOL 217 and KNSS 244 may be taken in either term as scheduling allows.
2. Students who are interested in pursuing the *Food Science & Technology Specialization, Dietetic Specialization, Honors in Food Science, or Honors in Nutrition* are recommended to take CHEM 212 in their Winter semester.
3. Free Electives are any three credit course that will transfer to the University of Alberta, and transfer into the Faculty of Arts or Faculty of Science.

Generally, Junior level courses at RDC = “200” level courses (transfer as “100 level to U of A)

Generally, Senior level courses at RDC = “300” level courses (transfer as “200 level to the U of A)

Students who are interested in pursuing the *Food Science & Technology Specialization, or Honors in Food Science* are recommended to take MATH 202 or MATH 203 as a Free Elective.

NUTRITION & FOOD SCIENCE GENERAL CHECKLIST

COMPLETED	REQUIREMENT	SEMESTER
	Biology	
<input type="radio"/>	BIOL 217	
	Chemistry	
<input type="radio"/>	CHEM 211	
	English	
<input type="radio"/>	ENGL 219	
<input type="radio"/>	ENGL 220	
	Kinesiology	
<input type="radio"/>	KNSS 244	
	Statistics	
<input type="radio"/>	STAT 251	
	Communications	
<input type="radio"/>	COMM 271	
	Free Elective	
<input type="radio"/>		
<input type="radio"/>		
<input type="radio"/>	One of: MATH 202 or 203, CHEM 212, ECON 201 or PSYC 260	

ADMISSION AND TRANSFER INFORMATION

- 1. 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. 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 for admission purposes.
- 2. Aboriginal students** who meet the minimum application requirements of a Faculty of ALES program but who may not meet the competitive admission requirements are encouraged to apply. See [UofA Calendar 14.1](#) for further information or contact the Faculty.
- Students should be aware that under the *Protection for persons in Care Act*, they may be required to satisfy a criminal records check before being allowed to participate in the required practicum (field placement) at UofA. A criminal records check is *not* an admissions requirement.
- 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. Spring Courses:** a spring course may be taken in the 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. Students who are planning to take Spring classes are advised to contact the Faculty at new2ales@ualberta.ca to obtain more information on how taking a Spring class may affect their admission.
- 6. Residency Requirement:** A maximum of two years of transfer credit (*60) completed outside UofA will be granted toward an undergraduate degree in the Faculty of Agricultural, Life and Environmental Sciences.
- 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 Agricultural, Life and Environmental Sciences. Students who have been required to withdraw from any post-secondary institution should consult the UofA Calendar.
- 8. Application deadline:** March 1st **Transcript deadline for transfer students:** June 15th
- 9. Regarding course transfer to UofA & Augustana Faculty:** When checking course transfer to UofA, note that courses with *AU* as the first two letters of the course abbreviation in the Alberta Transfer Guide transfer to UofA's Augustana Faculty in Camrose and courses that do not start with AU transfer to all other UofA faculties

For example, MATH 204 transfers to UofA as MATH 115 (3) or AUMAT 112 (3). This means MATH 204 is accepted as MATH 115 in programs taught in all faculties except Augustana Faculty. MATH 204 is accepted as AUMAT 112 by Augustana Faculty.

HOW TO FIND MORE INFORMATION

RDC Science Department	Dr. Jason Anderson, Chairperson 403-343-4053 jason.anderson@rdc.ab.ca http://www.rdc.ab.ca/artsandsciences
RDC Academic Advising	artscienceinfo@rdc.ab.ca
RDC Website	http://www.rdc.ab.ca
RDC Timetable	http://www.rdc.ab.ca/timetable
Alberta Transfer Guide	http://www.acat.gov.ab.ca
University of Alberta Faculty of ALES	http://www.ualberta.ca 1-800-804-6417 new2ales@ualberta.ca http://www.ales.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 Red Deer College. Please 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.

ALL STUDENTS ARE STRONGLY ADVISED TO:

1. Consult [Course Descriptions](#) for any course pre-requisites,
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.