



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: March 2024

The following types of curricular and program changes are approved by the University Course Challenge -- additions and deletions of courses, lower levels of study and program options; straightforward program changes; and curricular changes which affect other colleges.

Contents include submissions for information and approval from the following colleges and schools:

College of Agriculture and Bioresources
College of Arts and Science
College of Graduate and Postdoctoral Studies
College of Pharmacy and Nutrition

Approval: Date of circulation: **March 14, 2024**
 Date of effective approval if no challenge received: **March 31, 2024**

Next scheduled posting:

The next scheduled posting will be April 16, 2024, with a submission deadline of **April 12, 2024**. Urgent items can be posted on request.

Please direct challenges to both of the following: seanine.warrington@usask.ca in Registrarial Services and amanda.storey@usask.ca in the Governance Office.

College of Agriculture and Bioresources, Submission to University Course Challenge March 2024

The curricular revisions listed below were approved through the College of Agriculture and Bioresources Undergraduate Affairs Committee, and are now submitted to the University Course Challenge for approval.

New Course Proposal:

EVSC 202.3 Agricultural Climate Change in Saskatchewan

This course will explore basic components of meteorology, weather, and climate in a Saskatchewan agricultural context. Basic tenets of past and future climate change across various temporal scales will be probed, especially as they relate to the various entities of Saskatchewan agriculture and bioresource industries. Implications for current climate changes within each of the agricultural industries will be probed.

Rationale:

Climate change is actively changing our agricultural landscape in ways many students do not fully understand. This course sets out to ground students in basic weather and climate processes, enough so that they can more fully understand how these changes are fundamentally stressing our past, and likely future, agricultural and bioresource systems in Saskatchewan.

The curricular revisions listed below were approved through the College of Agriculture and Bioresources Undergraduate Affairs Committee, and are now submitted to the University Course Challenge for information.

Course Re-Labeling:

~~RRM 323.2 Resource Data and Environmental Modeling~~

~~Students will learn about the basic principles and applications of environmental modeling, and the sources of primary data and information needed to run models of this type. Selected environmental models will be used to illustrate model structure, class and function, as well as illustrate selected resource management and environmental issues, such as organic carbon storage, forest management, or greenhouse gas emissions.~~

~~Weekly hours: 2 Lecture hours and 3 Practicum/Lab hours~~

~~Restriction(s): Open to students in the Bachelor of Science in Renewable Resource Management Program.~~

~~Prerequisite(s): Successful completion of a minimum of 42 credit units university-level coursework.~~

~~Note: Students with credit for RRM 321 will not receive credit for this course.~~

RRM 321.3: Resource Data and Environmental Modeling

Provides an understanding of the sources, use, and interpretation of environmental data used in resource management. Basic modeling principles are covered and selected environmental models are used to illustrate the use of data in resource management and to provide skills in assessment of the interactions between resource management and the environment.

Weekly hours: 3 Lecture hours and 3 Practicum/Lab hours

Restriction(s): Open to students in the Bachelor of Science in Renewable Resource Management Program.

Prerequisite(s): Successful completion of a minimum of 42 credit units university-level coursework.

Rationale:

The Soil Science department proposed the re-labelling of RRM 321.3 to RRM 323.2 for the 2018-2019 academic year. The department has now approved the re-labelling of RRM 323.2 back to its original form of RRM 321.3 for the 2024-2025 academic year. The re-labelled RRM 321.3 will replace RRM 323.2 and RRM 201.1. This change will result in the following program changes to the B.Sc.RRM Resource Economics and Policy major and Resource Science major:

Resource Economics and Policy

Bachelor of Science in Renewable Resource Management [B.Sc.(RRM)]

Year 3 (30 credit units)

- 9 credit units open electives
- AREC 315.3 Application of Microeconomic Theory to Agriculture or ECON 277.3 Economics of the Environment
- ~~RRM 201.1 Geographical Information Systems~~
- RRM 312.3 Natural Resource Management and Indigenous Peoples
- ~~RRM 323.2~~ RRM 321.3 Resource Data and Environmental Modeling
- one of GEOG 385.3 Analysis of Environmental Management and Policy Making, GEOG 386.3 Environmental Impact Assessment or ENVE 381.3 Sustainability and Environmental Assessment

Resource Science

Bachelor of Science in Renewable Resource Management [B.Sc.(RRM)]

Year 3 (30 credit units)

- 3 credit units open electives
- GEOG 322.3 Geographic Information Systems
- PLSC 214.3 Statistical Methods or STAT 245.3 Introduction to Statistical Methods
- ~~RRM 201.1 Geographical Information Systems or ASKI 201.3 Resource Management Project Assessment~~
- RRM 301.9 Field Course in Renewable Resource Management
- RRM 312.3 Natural Resource Management and Indigenous Peoples
- ~~RRM 323.2~~ RRM 321.3 Resource Data and Environmental Modeling or ASKI 204.2 Introduction to the Duty to Consult or ASKI 201.3 Resource Management Project Assessment
- SLSC 232.3 Soil Genesis and Classification
- one of GEOG 385.3 Analysis of Environmental Management and Policy Making, GEOG 386.3 Environmental Impact Assessment or ENVE 381.3 Sustainability and Environmental Assessment

Change to Course Notes

FABS 334.3: Industrial Microbiology

A study of the microbial cultures and bioprocess technologies for bioproduct synthesis and transformation by various industrial microorganisms, traditional and biotechnological strain improvements, fermentation systems, immobilized cell reactors, downstream processing, product recovery, development and safety.

Weekly hours: 3 Lecture hours

Prerequisite(s): FABS 212 or BMSC 210.

Note: Offered **annually**. Students with credit for FAMS 434 will not receive credit for FABS 334.

FABS 334.3: Industrial Microbiology

A study of the microbial cultures and bioprocess technologies for bioproduct synthesis and transformation by various industrial microorganisms, traditional and biotechnological strain improvements, fermentation systems, immobilized cell reactors, downstream processing, product recovery, development and safety.

Weekly hours: 3 Lecture hours

Prerequisite(s): FABS 212 or BMSC 210.

Note: Offered in **alternate years**. Students with credit for FAMS 434 will not receive credit for FABS 334.

University Course Challenge – March 2024

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge, and by the relevant college-level Academic Programs Committee and are now submitted to the University Course Challenge for approval.

Contact: Alexis Dahl (alexis.dahl@usask.ca)

Anthropology

Minor program revisions

Bachelor of Science Honours, Double Honours and Four-year in Anthropology

Add ANTH 401 (if the topic relates to archaeology or biological anthropology) to the C4 Major Requirement. Add the same restriction to the inclusion of both ANTH 304.3 and ANTH 305.3.

Bachelor of Science Honours (B.Sc. Honours) - Anthropology

C4 Major Requirement (54 credit units)

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Choose **42 credit units** from the following:

At least 15 credit units must at the 300-level or higher.

- **ANTH 231.3**
- ANTH 250.3
- ANTH 251.3
- ANTH 259.3
- ANTH 270.3
- **ANTH 298.3** (if the topic relates to archaeology or biological anthropology)
- **ANTH 299.6** (if the topic relates to archaeology or biological anthropology)
- **ANTH 304.3** (if the topic relates to archaeology or biological anthropology)
- **ANTH 305.3** (if the topic relates to archaeology or biological anthropology)
- **ANTH 329.3**
- ANTH 331.3
- **ANTH 332.3**
- ANTH 350.3
- ANTH 352.3
- ANTH 353.3
- ANTH 358.3
- ANTH 359.3
- ANTH 361.6
- ANTH 370.3
- ANTH 386.3
- **ANTH 398.3** (if the topic relates to archaeology or biological anthropology)
- **ANTH 399.6** (if the topic relates to archaeology or biological anthropology)
- **ANTH 401.3** Independent Research in Anthropology (if the topic relates to archaeology of biological anthropology)
- ANTH 458.3
- ANTH 459.3
- ANTH 462.3
- ANTH 465.3
- ANTH 471.3
- ANTH 472.3

- ANTH 475.3
- [ANTH 498.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 499.6](#) (if the topic relates to archaeology or biological anthropology)
- [BIOL 324.3](#)
- CPPS 310.3
- [GEOG 235.3](#)
- [GEOL 245.3](#)
- [GEOL 247.3](#)

Bachelor of Science Four-year (B.Sc. Four-year) - Anthropology
C4 Major Requirement (42 credit units)

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Choose **36 credit units** from the following:

At least 9 credit units must at the 300-level or higher.

- [ANTH 231.3](#)
- ANTH 250.3
- ANTH 251.3
- ANTH 259.3
- ANTH 270.3
- [ANTH 298.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 299.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 304.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 305.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 329.3](#)
- ANTH 331.3
- [ANTH 332.3](#)
- ANTH 350.3
- ANTH 352.3
- ANTH 353.3
- ANTH 358.3
- ANTH 359.3
- ANTH 361.6
- ANTH 370.3
- ANTH 386.3
- [ANTH 398.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 399.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 401.3](#) Independent Research in Anthropology (if the topic relates to archaeology of biological anthropology)
- ANTH 458.3
- ANTH 459.3
- ANTH 462.3
- ANTH 465.3
- ANTH 471.3
- ANTH 472.3
- ANTH 475.3
- [ANTH 498.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 499.6](#) (if the topic relates to archaeology or biological anthropology)
- [BIOL 324.3](#)
- CPPS 310.3

- [GEOG 235.3](#)
- [GEOL 245.3](#)
- [GEOL 247.3](#)

Bachelor of Science Double Honours - Anthropology - Major 1
C4 Major Requirement (36 credit units)

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Choose **15 credit units** from the following:

- [ANTH 231.3](#)
- ANTH 250.3
- ANTH 251.3
- ANTH 259.3
- ANTH 270.3
- [ANTH 298.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 299.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 304.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 305.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 329.3](#)
- ANTH 331.3
- [ANTH 332.3](#)
- ANTH 350.3
- ANTH 352.3
- ANTH 353.3
- ANTH 358.3
- ANTH 359.3
- ANTH 361.6
- ANTH 370.3
- ANTH 386.3
- [ANTH 398.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 399.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 401.3](#) Independent Research in Anthropology (if the topic relates to archaeology of biological anthropology)
- ANTH 458.3
- ANTH 459.3
- ANTH 462.3
- ANTH 465.3
- ANTH 471.3
- ANTH 472.3
- ANTH 475.3
- [ANTH 498.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 499.6](#) (if the topic relates to archaeology or biological anthropology)
- [BIOL 324.3](#)
- CPPS 310.3

Bachelor of Science Double Honours - Anthropology - Major 2 (Science Option)
Requirements (36 credit units)

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Choose **15 credit units** from the following:

- [ANTH 231.3](#)
- ANTH 250.3
- ANTH 251.3
- ANTH 259.3
- ANTH 270.3
- [ANTH 298.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 299.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 304.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 305.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 329.3](#)
- ANTH 331.3
- [ANTH 332.3](#)
- ANTH 350.3
- ANTH 352.3
- ANTH 353.3
- ANTH 358.3
- ANTH 359.3
- ANTH 361.6
- ANTH 370.3
- ANTH 386.3
- [ANTH 398.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 399.6](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 401.3](#) Independent Research in Anthropology (if the topic relates to archaeology of biological anthropology)
- ANTH 458.3
- ANTH 459.3
- ANTH 462.3
- ANTH 465.3
- ANTH 471.3
- ANTH 472.3
- ANTH 475.3
- [ANTH 498.3](#) (if the topic relates to archaeology or biological anthropology)
- [ANTH 499.6](#) (if the topic relates to archaeology or biological anthropology)
- [BIOL 324.3](#)
- CPPS 310.3

Rationale: Students conducting original research (reading, lab, or field-based) in any area of archaeology or biological anthropology will focus on new and established research methods, contributing to their understanding of anthropology through a scientific lens. So long as the topic is appropriate (to be determined by faculty members), it is appropriate for them to receive credit for this work toward the Major.

Biochemistry, Microbiology and Immunology

New course(s):

BMIS 317.3 Introductory Virology

1/2 (3L) This introductory virology course will explore the basic concepts about the biology of viruses with special focus on human viral pathogens. The major scientific milestones in the field of virology and the common themes in the replication cycle of major groups of viruses will be discussed. The topics covered include virus entry into cells, replication, production of infectious particles and transmission between host organisms, host-virus interactions, host antiviral immune responses, viral countermeasures to host defenses, vector transmission of viruses, vaccines, antivirals, viral diagnostics, surveillance, viral vectors,

oncolytic viruses, techniques used to study viruses etc. Additionally, selected major human viral diseases and the biology of the associated viruses will be discussed in detail.

Prerequisite(s): BMSC 200.3, BMSC 210.3, and BMSC 220.3.

Instructor(s): Anil Kumar Victoria Ansalem

Rationale: Virology is a major branch of infectious disease research and teaching, and the proposed course is an introductory course that will cover the basic aspects of virology and the research techniques used to study viruses.

Catholic Studies

Minor program revisions

Certificate in Catholic Studies

Requirements (18 credit units)

The certificate may be completed in conjunction with any degree in another subject area in the College of Arts and Science.

- RLST 112.3
- **RLST 314.3 Issues in Catholic Studies**
- CTST 200.3
- ~~CTST 300.3~~

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Rationale: Replacing CTST 300 with RLST 314 will provide students with an updated survey of methodological trends and contemporary topics in the academic study of Catholicism, support offering courses used in both this program and in the Religion and Culture major, and make more effective use of limited teaching resources.

Classical, Medieval and Renaissance Studies

New course(s):

CMRS 315.3 Curating Collections in Theory and Practice

1/2 (1.5L-1.5S) The purpose of this course is to give students a good foundational knowledge in current curatorial practices and theory. Through readings, discussions, case studies, and museum/gallery visits, students will examine a variety of curatorial subjects and themes, including the history of museum/art gallery display and collecting, collections management (cataloging, conservation, and research), exhibition development from proposal to display, digital approaches to collections and exhibitions, education and outreach through collections, as well as curatorial ethics.

Prerequisite(s): 3 credit units of 200-level HIST, CLAS, CMRS, ANTH, or ARTH courses.

Instructor(s): Tracene Harvey

Rationale: This course will improve offerings in the field, reflects the research interests of the instructor and responds to student demand.

History

Course deletion(s):

HIST 276.3 Colonial and Latin America Conquest Resistance Accommodation

Rationale: This course is moribund and unlikely to be taught in the foreseeable future.

The curricular revisions listed below were approved through the Arts & Science College Course and Program Challenge and are now submitted to the University Course Challenge for information.

Drama

Minor course revisions

DRAM 220.3 Theatre Design I Introduction

Remove requirement for permission of the instructor.

Rationale: Students may register for this class if they have the necessary prerequisites. No additional selection is required.

DRAM 270.0 Greystone Theatre Stage Management

Prerequisite change:

Current prerequisite(s): DRAM 110.3 and 18 credit units DRAM courses.

New prerequisite(s): DRAM 110.3; and 18 credit units DRAM courses; and permission of the program chair.

Rationale: Enrolment in this course is limited by the number of Greystone productions each year.

Potential students will be evaluated to ensure that they are ready for this responsibility.

DRAM 363.3 Voice and Speech for the Actor II

Changes to prerequisites, note, title, and course description:

Current:

Further development of the student's vocal and speech technique and heightened awareness of the vocal process through increasingly subtle exercises in relaxation, body alignment, support of tone and placement of sound. Extension of range and control of pitch. The voice as a communicative instrument, and the beginning of its technical control through the speaking of prose and poetry.

Prerequisite(s): DRAM 362.

Note: Students with credit for DRAM 364 may not take DRAM 363 for credit. Costs in addition to tuition will apply to this course. Please contact the department for details.

New:

Title: **Voice Lab II Voice for the Creative Performer**

Short title: Voice Lab II

Further development of the student's vocal technique and heightened awareness of the vocal process through increasingly subtle exercises in relaxation, body alignment, support of tone, and placement of sound. Study of vocal anatomy and physiology. Introduction to the voice as an instrument for exploring and expressing character, including foundational concepts in articulatory phonetics. Developing technical control, expressive freedom, and creativity through interpretation of poetry, prose, song, and self-generated texts.

Prerequisite(s): DRAM 362 and permission of the program chair.

Note: Students with credit for DRAM 364 may not take DRAM 363 for credit. Costs in addition to tuition will apply to this course. Please contact the department for details. Accompaniment is not provided for students for exercises or projects involving singing. Students are responsible for sourcing and providing their own accompaniment for project work.

Rationale: The change to prerequisites is to ensure students who have not demonstrated requisite skills for entry into senior-level acting classes cannot automatically register for DRAM 363.3. The course previously listed as the prerequisite, DRAM 362.3, has expanded its scope to include all professional voice users, as the course focuses on vocal production and effective oral interpretation. DRAM 363.3 focuses specifically on voice for the creative performer and is therefore restricted to students who demonstrate a high level of interest and ability in the realm of dramatic performance. The change to the course title reflects the beginning of the progression of performer-focused Voice and Speech courses as a result of changes to Drama 362.3. The course description has been broadened to reflect how the course may be of interest to people who don't identify as "actors" but for whom the course may be useful, including comedians, singers, performance poets, musicians, directors, conductors, drama teachers, etc.

Religion and Culture

Minor course revisions

RLSE 314.3 Issues in Contemporary Catholicism

Change to prerequisites, title and course description.

Current:

An analysis of contemporary Roman Catholicism with emphasis on the second Vatican Council (1962-1965) and its effects. Themes include identity of and membership in the church, liturgical renewal, post-conciliar forms of spirituality and community, social doctrine, and moral issues.

Weekly hours: 3 Lecture hours

Prerequisite(s): 6 credit units in RLST or 24 credit units at the university level.

New:

Long and Short Title: Issues in Catholicism

This course provides a critical, interdisciplinary analysis of issues in Catholicism. It seeks to understand Catholicism as a global phenomenon within the context of cultural and religious pluralism. It is organized around four key themes: (1) the ethical, social, and political implications of Catholic intellectual traditions; (2) a social scientific approach to the study of Catholic cultures, for example, anthropological, sociological or political; (3) a humanities approach to Catholic cultures, for example, literary, historical, or philosophical; and (4) current issues and developments in Catholicism.

Prerequisite(s): 6 credit units in RLST; or CTST 200.3; or 24 credit units at the university level.

University Course Challenge – March 2024

The curricular revisions listed below were approved through the Graduate Programs Committee of the College of Graduate and Postdoctoral Studies and are now submitted to the University Course Challenge for approval.

Contact: Chelsea Smith, CGPS Academic Affairs Specialist (chelsea.smith@usask.ca or gradprograms.academicaffairs@usask.ca)

Department of Anthropology

New course

ARCH 872.3 Advanced Paleopathology

Catalogue Description: This course is an extensive examination of ancient disease, nutrition, and activity in past populations focusing on the gross description, diagnosis, and interpretation of human skeletal and dental lesions. Part I will include background on the history of and current issues in paleopathology, osteobiographical methods, skeletal and dental biology, and paleopathological techniques and nomenclature. Part II will introduce students to common pathological conditions and/or activity indicators affecting human remains, particularly those recovered from archaeological contexts. Lectures will make use of extensive photographic collections and be supplemented with laboratory sessions and student-led discussions. Laboratory sessions will focus on natural and replica skeletal/dental materials and include written lab assignments focused on natural pathological specimens. Over the course of the term, students will also write research paper on a subject of their choice that is relevant to paleopathology.

Prerequisite: ANTH 370 or ANTH 470 (human osteology) or equivalent; permission of instructor

Note: Students may receive credit for only one of ARCH 872 or ARCH/ANTH 472.

Rationale: This course is a graduate version of an undergraduate course (ARCH/ANTH 472) already offered. It will provide paleopathological training to Archaeology graduate students who lack an adequate background in this area. This course has previously been offered as ARCH 898. It has and will continue to be offered as needed and in combination with the undergraduate version.

For information

Correction

NURS 891 – title and description change were incorrected noted in the January 2024 UCC submission as NURS 819.

Course Number change

TOX 870.3: Environmental Effects Assessment and Monitoring has been changed to TOX 885.3 Environmental Effects Assessment and Monitoring. The course has not been offered since it was regularized from a special topics course, and the number changed allow TOX 870 to be used for another program and to better align with the complementary GEOG 885 course.

Course title changes

Geography and Planning

GEOG 803.3 Research in Geography

Current Title: Research in Geography

Proposed Title: The Research Process

Rationale: The learning objectives of this course are focused on teaching students about the art of writing a research proposal as it is arguably one of the most difficult and demanding tasks confronting any graduate student. By the end of this course, students will be able to: 1) frame a research problem statement; 2) situate the research problem within the context of the scholarly literature; 3) articulate appropriate methods for addressing the research problem; 4) develop a research plan; and 5) develop a plan to effectively communicate the scholarly and societal significance of the proposed research. The learning objectives are clearly focused on developing student knowledge of the research process. The proposed change in title will ensure the title accurately reflects the content of the course.

Soil Science

SLSC 805.1 Telling Soil Science Stories

Current Title: Telling Soil Science Stories

Proposed Title: Writing and Publishing for Graduate Students in Agriculture

Rationale: To better reflect the content of the course and to get more uptake from graduate students across the college of Ag&Bio.

University Course Challenge – March 2024

The following curricular changes were approved by the College of Pharmacy and Nutrition - Nutrition Program Advisory Committee (B.Sc.Nutr curriculum changes) and are being submitted to the March 2024 course challenge for approval and for information, as noted here.

Contact: Dr. Charity Evans (charity.evans@usask.ca)

NUTRITION

New Course

NUTR 532.30

Title: Professional Practice for Internationally Trained Dietitians

Catalogue Description: This course provides a comprehensive thirty-three-week practicum located primarily within the Saskatchewan Health Authority (SHA) with possible experiences in other organizations (e.g., government, federal agencies, Tribal Councils, and non-profit groups). All areas of entry-level practice will be experienced across the spectrum of dietetic practice through a variety of rotations. Students will apply their knowledge and skills, and are expected to participate and contribute meaningfully, productively, and safely to direct patient care and dietetic practice

Restriction(s): Only open to approved internationally trained dietitians candidates

Rationale: The College of Pharmacy and Nutrition collaborates with the Saskatchewan College of Dietitians and the Saskatchewan Health Authority to provide upgrading and practicum training for internationally trained dietitians who may be eligible for licensure in Saskatchewan. This course is separate from the practicum courses required as part of the Bachelor of Science in Nutrition program; creation of a unique course is necessary for administration purposes.

Minor Program Revisions (for information)

Move NUTR 210.3 from Year 2 to Year 1; and move the 3 credit unit unrestricted elective requirement from Year 1 to Year 2.

Rationale:

NUTR 210.3 should be moved to Year 1 of the BSc Nutrition program as this course provides students with the opportunity to develop foundational food skills and knowledge which are important concepts that are needed throughout the rest of the degree and especially in certain courses (e.g., NUTR 365.3). Therefore, having students take this course in Year 1 sets them up to be more successful in the BSc Nutrition program. This change will not affect students in the Food and Nutrition program.

The curriculum changes will be implemented in 2024-25.

Bachelor of Science in Nutrition [B.Sc (Nutr.)] (132 credit units)

Year 1

33 credit units

- [BMSC 200.3](#) Biomolecules
- [BMSC 207.3](#) Human Body Systems I and [BMSC 208.3](#) Human Body Systems II (formerly [PHSI 208.6](#))
- [BMSC 230.3](#) Metabolism

- [COMM 102.3](#) Introduction to Business Management
- [FABS 110.3](#) The Science of Food
- [NUTR 120.3](#) Basic Nutrition
- NUTR 190.0 Introduction to the B.Sc.(Nutr.) Program
- NUTR 191.0 IPE Activities
- NUTR 192.0 IPE Activities
- **NUTR 210.3 Food Fundamentals and Preparation**
- [NUTR 221.3](#) Advanced Nutrition Micronutrients
- [NUTR 230.3](#) Professional Practice I
- [PLSC 214.3](#) Statistical Methods
- Basic food safety training certificate

Unrestricted Electives

- ~~Choose 3 credit units of unrestricted electives~~

Year 2

36 credit units

- [BMSC 210.3](#) Microbiology
- ~~NUTR 210.3 Food Fundamentals and Preparation~~
- NUTR 291.0 IPE Activities
- NUTR 292.0 IPE Activities
- [NUTR 305.3](#) Research Methods
- [NUTR 310.3](#) Food Culture and Human Nutrition
- [NUTR 321.3](#) Advanced Nutrition Macronutrients and Energy
- [NUTR 322.3](#) Nutrition Throughout the Lifespan
- [NUTR 330.3](#) Professional Practice II
- [NUTR 350.3](#) Introduction to Public Health and Community Nutrition
- [NUTR 365.3](#) Quantity Food Production and Service
- [NUTR 366.3](#) Food Service Management Practicum*
- [PATH 205.3](#) Survey of Pathology

*offered in Spring and Summer terms

Unrestricted Electives

- Choose ~~6~~ 3 credit units of unrestricted electives

Year 3

33 credit units

- [COMM 201.3](#) Introduction to Financial Accounting
- NUTR 391.0 IPE Activities
- NUTR 392.0 IPE Activities
- [NUTR 420.3](#) Current Issues in Nutrition
- [NUTR 425.3](#) Nutritional Assessment
- [NUTR 430.3](#) Professional Practice III
- [NUTR 441.3](#) Clinical Nutrition I
- [NUTR 442.3](#) Clinical Nutrition II
- [NUTR 450.3](#) Nutrition Program Planning and Evaluation
- [NUTR 466.3](#) Organization and Management of Nutrition Services
- Advanced food safety training instruction

Unrestricted Electives

- Choose 9 credit units of unrestricted electives

Year 4

30 credit units

- NUTR 533.6 Nutrition Care I
- NUTR 534.6 Nutrition Care II
- NUTR 535.6 Food Provision Management and Leadership
- NUTR 536.6 Population Health Promotion
- NUTR 537.3 Dietetic Research
- NUTR 538.3 Selected Topics in Practical Dietetic Education and Training
- Successful completion of the practicum