

PROFESSIONAL AND APPLIED STUDIES

April 2019

INTRODUCTION

The University of Winnipeg offers studies in a variety of professional and applied areas. These include specialized courses related to the specific professional/applied areas integrated with a strong liberal arts and science foundation.

PROFESSIONAL STUDIES

Bachelor of Education Program (integrated with BA, BPHE or BSc)

Degree/Diploma Program in Developmental Studies/Early Childhood Education (UW/RRC/USB)

Degree/Diploma Program in Radiation Therapy (UW/CCMB)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Degree/Diploma Program in Business Administration (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

Degree/Diploma Program in Communications (UW/RRC)

APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

Applied Biology (UW/RRC)

Applied Chemistry (UW/RRC)

Applied Environmental Science (UW/RRC)

PROFESSIONAL STUDIES

Professional Studies programs culminate in one of the University's degrees. In addition, students awarded the degrees are recommended to the appropriate professional body for certification.

THE BACHELOR OF EDUCATION PROGRAM

The University of Winnipeg's Faculty of Education currently offers two routes to prepare students for the teaching profession: an Integrated BEd/BA/BPHE or BSc program and a two-year After-Degree program. Students in each of these programs can choose to prepare for teaching in the elementary or senior levels of the educational system. Upon successful completion of their program, students are recommended for permanent certification as teachers in the province of Manitoba. In conjunction with Red River College, The University of Winnipeg offers an Integrated BEd/BA/BPHE or BSc program to prepare Aboriginal language, Business, or Industrial Arts Technology, or Vocational Education teachers. The University also offers a 5-year integrated BEd/BA program for residents of the inner city (WEC) and a specialized BA/BEd program for Aboriginal people who are working as teacher aides (CATEP). **Details of the program may be found in the Education section of the calendar.**

JOINT 3-YEAR DEGREE/2-YEAR DIPLOMA DEVELOPMENTAL STUDIES/EARLY CHILDHOOD EDUCATION-The University of Winnipeg (UW) and Red River College (RRC) or Université de Saint-Boniface (USB)

The Developmental Studies, Early Childhood Education Program is a four-year long professional program designed to prepare students to be early childhood educators. Students in the program complete coursework at The University of Winnipeg (UW) and either Red River College (RRC) or Université de Saint-Boniface (USB). Students may begin at either UW or a designated college. Graduates receive both a 2-year Diploma in Early Childhood Education from the college institution and a 3-year BA in Developmental Studies from UW. Additionally, they are eligible for Early Childhood Educator III classification from the Manitoba Department of Families, Manitoba Early Learning and Child Program. **Details of the program may be found in the Developmental Studies, Stream C section of the calendar.**

4-YEAR RADIATION THERAPY DEGREE (The University of Winnipeg and CancerCare Manitoba (CCMB))

The University of Winnipeg offers an integrated BSc degree/diploma program in Radiation Therapy in cooperation with CancerCare Manitoba (CCMB). This program provides students with the opportunity to develop theoretical knowledge and to practice and apply skills required as a Radiation Therapist. Radiation Therapists work as members of a health care team delivering integrated care, mainly to patients with cancer. They are responsible for developing treatment plans and for the operation of CT simulators, treatment machines and other related equipment. They develop and maintain patient treatment data, interpret treatment plans, administer prescribed treatment, and provide information and supportive care to patients and their families. Students normally attend The University of Winnipeg in year one and then apply to enter year two of the program. Year two is at the CancerCare Manitoba location only, with years three and four being blended between the two partners. The joint program leads to a Bachelor of Science degree (4-year) from The University of Winnipeg. This is a limited enrollment program with eight or fewer students being accepted into year two of the program each year. **Details of the program may be found in the Radiation Therapy section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF BUSINESS ADMINISTRATION DEGREE

4-YEAR DEGREE Business and Administration (The University of Winnipeg and Red River College)

The University of Winnipeg offers a Bachelor of Business Administration program that draws on the strengths of the Diploma in Business Administration at Red River College. Graduates from RRC receive transfer credit towards completion of a 4-Year Bachelor of Business Administration from The University of Winnipeg.

This program combines specific practical training with the leading edge business education. Students are admitted to the program at the University of Winnipeg after completion of the RRC diploma. They enrol at The University of Winnipeg for the final two and a half years of study. **Details of the program may be found in the Business and Administration section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF ARTS DEGREE

4-YEAR JOINT COMMUNICATIONS DEGREE/DIPLOMA (The University of Winnipeg and Red River College)

The University of Winnipeg offers a combined degree/diploma program in Communications in cooperation with Red River College. Generally, students begin at the University of Winnipeg. Many students have found it is helpful to complete all 72 credit hours at The University of Winnipeg, before they go to Red River College. Most complete at least 60 credit hours before proceeding to Red River, where they take the two-year Creative Communications Program. The final 12 credit hours of University of Winnipeg courses must be taken during these two years at Red River College if the student wishes to graduate within four years; otherwise, these credit hours may be completed before or after attending Red River College. Students are granted block transfer of 48 credit hours for their Creative Communications Diploma; they receive a BA in Communications once they have received their diploma and completed the prescribed 72 credit hours of study at the University of Winnipeg. **Details of the program may be found in the Rhetoric, Writing, and Communications section of the calendar.**

APPLIED STUDIES IN A 4-YEAR BACHELOR OF SCIENCE DEGREE

The University of Winnipeg and Red River College have entered into an agreement to provide programs in applied studies in Biology, Chemistry, and Environmental Studies which meet the requirements of the 4-Year BSc degree. The joint degree program requires students to take courses at both institutions in a prescribed sequence. Students who successfully complete the entire program receive a joint degree parchment from The University of Winnipeg and Red River College.

APPLIED BIOLOGY

Applied Biology addresses the need for qualified biotechnologists in Manitoba. The area of study is directed towards an education in biochemistry and cellular biology. Biotechnologists must not only have the basic lab skills required for the job, but also the theoretical background to be able to expand the investigation, to troubleshoot, or to take a leadership role in the lab. These skills are greatly improved by combining the specialties of both Red River College and The University of Winnipeg. When this area of study is coupled with the liberal studies component of the program, students are assured of a flexibility that will permit success in an ever-changing job market. Graduates will find employment in such research facilities as the Freshwater Institute, the Department of Agriculture, health care, food science, the Rh lab, etc. **Details of the program may be found in the Biology section of the calendar.**

APPLIED CHEMISTRY

Applied Chemistry allows the student to develop a sound background in the fundamentals as well as the practical "hands-on" in the laboratory. The area of study is designed to make use of the resources of both The University of Winnipeg and Red River College. Examples of positions in Manitoba which use chemical laboratory skills include the pharmaceutical industry (Apotex, Cangene, Biovail); the food industry (Agra Foods International, CanAmara Foods, McCain's); agriculture (Canadian Grain Commission, Department of Agriculture); and environmental testing (Manitoba Hydro, City of Winnipeg, Freshwater Institute, Laidlaw, BFI Waste Systems, Enviro-Test Laboratories). **Details of the program may be found in the Chemistry section of the calendar.**

APPLIED ENVIRONMENTAL SCIENCE

Applied Environmental Science provides a unique opportunity in Manitoba for students to gain theoretical knowledge, applied skills, and a liberal studies background in environmental science. The 5-year program has been designed specifically to prepare students for careers in industry where practical skills, technical knowledge, critical thinking, and problem-solving skills are essential. Students take courses at both The University of Winnipeg and Red River College, completing the requirements for both a 4-year BSc degree and a 2-year diploma in 5 years. **Details of the program may be found in the Environmental Studies and Science section of the calendar.**

