SCIENCE with a BUSINESS STREAM

Updated February 1, 2026

Students pursuing a 3-year, 4-year or Honours BSc in any department or program have the opportunity to take a Business Stream – a set of core courses in the Faculty of Business and Economics that will provide them with the skills needed to enter and succeed in industry and business. After completing the requirements of the BSc degree and the set of core courses indicated below, it will be noted on the student's transcript that they have satisfied the requirements of a BSc degree with a Business stream.
Program Advisors: All Chairs, Directors or Coordinators in participating departments/programs can provide advice on the business stream within their major.

DEGREES/PROGRAMS OFFERED

3-year BSc with a Business stream
4-year BSc with a Business stream
Honours BSc with a Business stream
Participating departments/programs: Applied Computer Science, Bioanthropology, Biochemistry, Biology, Chemistry, Environmental Studies and Sciences, Geography, Mathematics, Neuroscience, Physics, and Statistics.

INTRODUCTION

This program will address the growing demand for University graduates in science to have the basic skill sets needed to function in a business environment. Businesses are playing an increasingly prominent role in science and technology in Canada, both in fundamental research and in the commercialization of innovative ideas to the marketplace. Partnerships between industry, academic institutions, and government agencies are thus on the rise. In particular, there is an expanding private sector in the life sciences, which includes everything from pharmaceutical companies making designer drugs to environmental consultants specializing in remediation. Also, science students who expect to proceed to professional school (Medicine, Dentistry, *etc*.) can benefit from this stream since they will generally be involved in running their own small business when they practice their profession.

REQUIREMENTS FOR THE BUSINESS STREAM OF A BSc DEGREE

The program is built upon existing BSc degrees: all of the requirements of the target BSc degree must be satisfied. In addition, the student must complete the following additional 30 credit hours for a BSc degree with a Business stream. **NOTE:** In addition to the 30 credit hours indicated, pre-Calculus Mathematics 40S or Applied Mathematics 40S or equivalent AND ECON-1201(3) or MATH-1301(3), either course with a minimum grade of C+ are required pre-requisite courses for the Stream.

21 credit hours of required courses:

BUS-1201(3)	Introduction to Business I
BUS-1202(3)	Introduction to Business II
BUS-2002(3)	Fundamentals of Financial Accounting
	OR
BUS-2010(3)	Fundamentals of Financial Management and Administration
BUS-2103(3)	Fundamentals of Organizational Behaviour
BUS-2210(3)	Fundamentals of Marketing
BUS-2440(3)	Fundamentals of Human Resource Management
BUS-2501(3)	Fundamentals of Operations Management

Minimum 3 credit hours selected from the following courses:

BUS-3110(3)	Ethics in Management
IDS-3101(3)	Development Ethics
PHIL-2201(6)	Moral Philosophy
PHIL-2233(3)	Environmental Ethics

Plus a minimum of 6 credit hours of any additional Business courses (BUS-####) for a total of at least 30 credit hours.
A minimum of 3 credit hours of Business courses (BUS-####) must be at the 3000- and/or 4000-level.

The following electives are strongly recommended:

ACS-1809(3)	Website Design and Development
ACS-2814(3)	Applications of Database Systems
ENV-3035(3)	Law and the Environment
ENV-3606(3)	The Environment and Business
ENV-4611(6)	Environmental Impact Assessment

All course descriptions for all undergraduate programs can now be found in one large PDF called "Course Descriptions" in the "Academic Calendar" section of the University website: **http://uwinnipeg.ca/academics/calendar/index.html**