



MULTI-FACULTY

## SCIENCE-BUSINESS STREAM

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**Students pursuing a BSc (3-year, 4-year or Honours) in any department or program have the opportunity to supplement their main course of study in science with a “Business Stream” – a set of core courses in the Department of Business and Administration that will provide them with the skills needed to enter and succeed in industry and business.**

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The Science-Business Stream addresses the growing demand for University graduates in science to have the basic skill sets needed to function in a business environment. 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 a professional school (Medicine, Dentistry, Pharmacy, etc.) can benefit from this degree stream since many will be involved in running their own small business when they practice their profession.

This stream can supplement almost any **Bachelor of Science degree (3-year, 4-year, or Honours)**. After completing the requirements of the BSc degree and a set of core courses, it will be noted on the student’s transcript that they have satisfied the requirements of a BSc degree with a Business stream.

Participating programs: Applied Computer Science, Bioanthropology, Biochemistry, Biology, Chemistry, Environmental Studies, Geography, Kinesiology, Mathematics, Neuroscience, Physics, and Statistics

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### SAMPLE CAREERS

Career opportunities for graduates of this program lie in science-oriented industries such as food technology, pest control, environmental consulting, the design and manufacture of pharmaceuticals and diagnostics. Graduates may work in government or university labs or a variety of private industries. Those who proceed to professional school (Medicine, Dentistry, Pharmacy, etc.) and plan to open their own practice will also benefit from this stream.

### SAMPLE COURSES

**Introduction to Business I and II** are the entry points for the Business and Administration program. They present the terminology, concepts, and some qualitative and quantitative analytic techniques of the most important subject areas in business.

**Fundamentals of Marketing** is a second-year course covering consumer analysis, market analysis, and the elements of a marketing plan.

**Fundamentals of Human Resource Management** introduces students to the theory and practice of managing an organization’s human resources. Topics include job evaluation, employee recruitment and selection, employment equity, compensation, performance evaluation, and benefits. It may also include topics such as human resource planning, labour-management relations, and employment law.

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## MORE SAMPLE COURSES

- Fundamentals of Financial Accounting
- Ethics in Management
- Environmental Ethics
- Website Design & Development
- Law & the Environment
- Applications of Database Systems

## SAMPLE FIRST YEAR

In addition to taking the recommended courses for the science degree of your choice, you could take the following courses to start working towards the Business Stream:

**BUS-1201(3) Introduction to Business I**

**BUS-1202(3) Introduction to Business II**

**ECON-1201(3) Quantitative Methods for Economics and Business**

OR

**MATH-1301(3) Applied Mathematics for Business and Administration**

***NOTE:** Some BUS courses require the completion of high school course Pre-Calculus Mathematics 40S or Applied Mathematics 40S. Second-year BUS fundamentals courses require either ECON-1201 or MATH-1301 with a minimum grade of C+.*

*This sample first year is representative of the courses you may take. For many of our programs, you may choose another set of courses and still be well on your way to a degree. Also, for most programs you do not have to take 30 credit hours (five full courses) in your first year.*

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## REQUIRED HIGH SCHOOL COURSES

In addition to meeting The University of Winnipeg's general admission requirements, you must have either **Applied Mathematics 40S** or **Pre-Calculus Mathematics 40S** or equivalent in order to take some of the required courses in the Science-Business stream. High school students lacking this background can enroll in **MATH-0041** and **MATH-0042** which are offered by the Math Department.

## HOW TO APPLY

For details on application requirements and deadlines, and to apply online, please visit:  
[uwinnipeg.ca/apply](http://uwinnipeg.ca/apply)

For more information contact a student recruitment officer at [welcome@uwinnipeg.ca](mailto:welcome@uwinnipeg.ca) or 204.786.9844. In any case where the University's Academic Calendar and this fact sheet differ, the current Calendar takes precedence.

## CONTACT US

**Academic Advising**

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