

Engineering and Business



Why Engineering and Business?

Great engineering careers are built on leadership and innovation. The most respected companies in the world rely on critical thinking and analytical skills to achieve breakthrough engineering technologies. Leaders in these organizations seamlessly blend engineering and business perspectives to confront important problems facing society.

Through Western Engineering's partnership with the Ivey Business School, you can incorporate business studies to the engineering program of your choice in three ways: through the Engineering/Ivey HBA dual degree program, by completing the Engineering Leadership and Innovation Certificate, or by enrolling in our Integrated Engineering program.

Why a First Year Business Course?

In today's world, business is fundamental for professional engineering. Our industry partners consistently emphasize that career advancement for engineers depends not only on their technical know-how, but also their business acumen. This course will introduce important business skills to students and will provide them with opportunities to practice and develop these skills through upper-year projects, student clubs and teams, and co-ops and internships, before entering the work force.

Engineering and Business Dual Degree Program

Honors Business Administration (HBA) at the Ivey Business School is Canada's foremost undergraduate business program and recognized internationally for the leadership opportunities created for its graduates. Combined with a Bachelor of Engineering Science (BESc) degree, graduates go on to work in nearly every industry, from engineering companies and strategy consulting to finance.

For this five-year program, students complete their first two years in Engineering and then join the HBA program in third year. The final two years are integrated between the two undergraduate programs. Interested high school students should apply for Advanced Entry Opportunity (AEO) status from Ivey. Admission to Ivey is conditional on performance in the first two years of an undergraduate program.

Engineering Leadership and Innovation Certificate

In today's global economy, engineers are drivers of technological innovation that address complex challenges. This certificate provides the foundation for management, leadership and innovation skills, and develops an entrepreneurial mindset that is valuable for creating new ventures and establishing global companies.

The Engineering Leadership and Innovation Certificate provides students a step-up from the competition. You will select one of our nine core engineering programs, as well as courses taught using the Ivey Business School case method. This certificate can be combined with any four-year Engineering program and is part of the core Integrated Engineering program.



Message from the Dean Andrew Hrymak

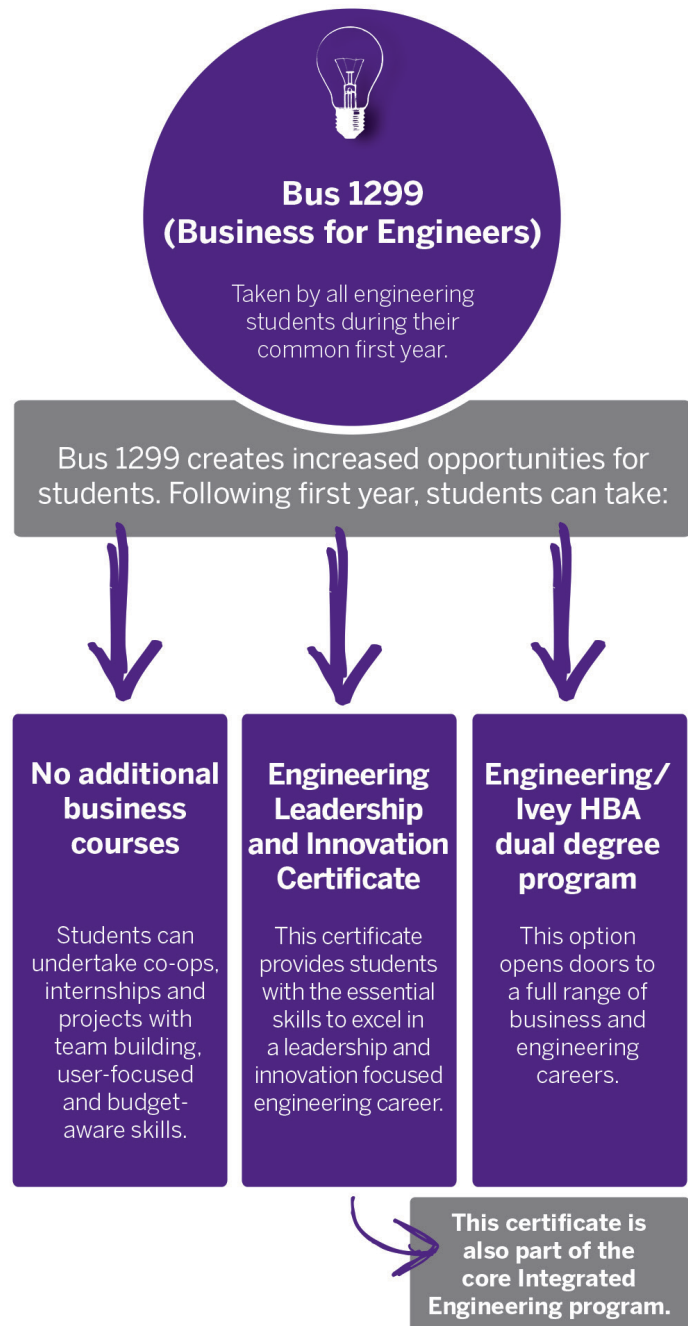
"Canada is looking for people to fill the technological innovation gap. The Engineering and Ivey dual degree adds a full range of business career opportunities. The Engineering Leadership and Innovation Certificate will launch you on an exciting engineering career prepared to lead and build innovative companies."



Message from the John M. Thompson Chair in Engineering Leadership and Innovation Darren Meister

"Individuals who combine engineering with business thinking and doing will lead organizations in creating real value for customers and society. Western Engineering and the Ivey Business School have created unique opportunities to develop the full potential of today's student."

Business as an Engineering Foundation



**Western
Engineering**