

# ESP/IESP Engineering Stream

## First-Year Seminar (1.0 credit)

- ◆ a regular first-year credit course in an upper-year seminar style
- ◆ taught by ESP/IESP **Instructors**
- ◆ introduces intellectual skills expected of university students
- ◆ offered in a small class environment; teamwork and mentoring are a focus
- ◆ provides **peer mentor** support to students in their transition to university
- ◆ available in a variety of seminar topics

## Choose one First-Year Seminar:

*Sample seminar course list*

Communication in Humans and Other Animals
The Creative Self
Passion Turned into Academics
Power and Culture
The Power of Persuasion
A Procrastinator's Guide to the Psychology and Science of Academic Success
IESP: Introduction to Indigenous Studies

## Elective Courses (2.0 credits)

- ◆ intro courses across a variety of disciplines, enrolled with other first-year students
- ◆ evaluate students according to same standards as other first-year students

## Take two science/math credits:

Calculus*/Linear Algebra*
Chemistry **

\*High school prerequisite:  
Grade 12 Advanced Functions (MHF4U)  
min 60%  
*[Grade 12 Calculus (MCV4U) recommended]*

\*\*High school prerequisite:  
Grade 12 Chemistry (SCH4U)  
min 60%

**Students must also complete Grade 12 Physics (SPH4U) by the end of their ESP/IESP year (min 60%)**

## Workshops (non-credit)

- ◆ structured study sessions that help develop the skills and habits needed to succeed at university
- ◆ led by **workshop facilitators** who attend the course lectures each week
- ◆ review and reinforce weekly course material
- ◆ guide you in formulating effective study, test-taking and essay writing strategies

## Take two workshops:

Calculus/Linear Algebra
Chemistry

## Academic Advantage Coaching

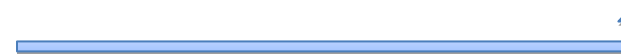
- ◆ one-on-one sessions with expert **academic coaches**
- ◆ prepares students for essays, presentations and tests
- ◆ helps students acquire skills in time management, organization, studying, reviewing, presenting, writing & mathematics

## Academic Advising

- ◆ ongoing, individualized support from **academic advisors**
- ◆ direction in setting academic goals and plans
- ◆ guidance in deciding a major/minor
- ◆ aid in applying to a degree program
- ◆ support with academic or personal difficulties
- ◆ help in deciphering academic rules and regulations
- ◆ assistance in registration or withdrawal from courses
- ◆ advice in locating the right person, service, or resource at the university



*Built into your weekly schedule*



*Available as needed*

