Welcome to the MASc in Computer Engineering

- Outline of the program
- People involved
- How to succeed
- More information
Outline of the program

➲ Intensive English
➲ 7 core courses
➲ 3 elective courses
➲ A 2-part project course
➲ An optional internship

Standard Program

➲ Spring 2009
  ● Intensive English
➲ Fall 2009
  ● Computer Engineering Fundamentals (9859)
  ● Advanced Data Networks (9876)
  ● Software Specification and Design (9874)
➲ Winter 2010
  ● Advanced Computing Concepts (9867)
  ● Advanced Digital Systems (9865)
  ● An elective course
**Standard Program**

- **Spring 2010**
  - Information Theory and Coding (9871)
  - High-Performance Computer Architecture (9861)
  - Computer Engineering Project (980A)
- **Fall 2010**
  - Computer Engineering Project (980B)
  - 2 electives
- **Winter 2011**
  - Optional Internship ????

**Extended Program**

- Some students have undergraduate courses to do in Fall 2009 instead of Engi-9859. These courses have a number less than 9000.
Example Extended Program

➲ Fall 2009
- 3861 Digital logic
- 3891 Advanced Programming
- 6876 Voice and data communications
➲ Winter 2010
- 9867 Advanced Computing Concepts
- 9865 Advanced Digital Systems
- 1 Elective
➲ Spring 2010
- 9871 Information Theory and Coding
- 9861 High-performance computer architecture
- Elective

Example Extended Program

➲ Fall 2010
- 9874 Software Design and Specification
- 9876 Advanced Data Networks
- 980A Project
➲ Winter 2011
- 980B Project
- 2 Electives
**Program**

- Deviations from the usual order of courses should be approved by the board of studies

- All courses must be passed before graduation
- Pass mark is 65
- 1 course may be failed, but it must be repeated or replaced
- Failing 2 courses leads to termination of your program
Courses

➲ Computer Engineering Fundamentals (9859)
- Undergraduate level preparation in three areas
  - Object-Oriented Software Engineering with the Java programming language – Theodore Norvell
  - Digital Logic – R. Venkatesan
  - Computer Architecture – Fang Wang
- Unique to this program

➲ Computer Engineering Project (980A/B)
- An individual capstone design or research project
- Unique to this program

Courses

➲ Apart from Computer Engineering Fundamentals (9859) and Computer Engineering Project (980A/B)
- all courses are taken with M.Eng and Ph.D. students
- all courses are graduate level
People to know

✈ Engineering Administration
  • Prof. Ray Gosine – dean
  • Prof. John Quaicoe – acting dean
  • Prof. Stephen Butt – acting associate dean for graduate studies

✈ Engineering Staff
  • Ms. Moya Crocker – senior secretary
  • Ms. Kelly Squires – secretary
  • Ms. Jinghua Nie – international officer

✈ Board of Studies
  • Prof. Octavia Dobre
  • Prof. Cheng Li
  • Prof. Theodore Norvell – chair
  • Prof. Lihong Zhang
People to know

➲ School of Graduate Studies
  ● Prof. Noreen Golfman – Dean
  ● Prof. Faye Murrin – Associate dean (acting)
➲ International Student Advising Centre
  ● Various people – see web

How to succeed – a few tips

➲ Be prepared
  ● Read ahead in the texts
  ● Ensure you have the background knowledge
➲ Be there
  ● Make sure that if you leave St. John's you are back well before the start of classes – leave time for snow storms and fog
  ● Don't leave before the end of exams – and leave some time after in case of snow storms
  ● Attend all classes and labs and do all assignments
**How to succeed – a few tips**

- Ask questions of the instructor if you don't understand or want to ensure you do understand.
- Do all work yourself. You will learn little if your assignments are done by someone else.
- Don't wait until you are in deep trouble before doing something. See the prof or me at the first sign of trouble.

**What you can expect from us**

- High quality courses
- Excellent instruction
- High standards
- Encouragement to be your best
- Attentive supervision of capstone projects
- Fair treatment
- Sensitivity to exceptional circumstances
Be creative

- Computer Engineering is a creative discipline
- New technology gives us the ability to create what has never been possible before
- Creativity sets apart the best from the merely competent engineers

Enjoy your time here

- See the province and the ocean
  - Tera Nova Park
  - Gros Morne Park
  - Lance aux Meadows
  - Witless Bay Ecological Reserve
  - Avalon Wilderness Reserve
  - Cape St. Mary's
- Get to know students outside of the program
- See bands, plays, movies, etc.
Take responsibility

➲ Having been accepted into the program means that we think you can complete it successfully
➲ *It is up to you to actually do so*
➲ You have a tremendous opportunity
➲ *It is your responsibility to realize it*

Further Information

➲ The calendar
  • http://www.mun.ca/regoff/calendar.php
➲ The Library
  • http://www.library.mun.ca/
➲ Engineering and Applied Science
  • http://www.mun.ca/engr/
➲ School of Graduate Studies
  • http://www.mun.ca/sgs/home
  Responsibilities of Supervisors and Graduate Students
  • http://www.mun.ca/sgs/responsibilities.pdf