Welcome to Fall 2020 NSO - BCIS
Welcome Back!

**Agenda**

1. Meet your Faculty
2. Meet your BCIS Advisor
3. Two program offerings
4. BCIS Degree Components
5. Roles and Responsibilities: Faculty; Students; Advisors
6. Critical Dates
7. Student Resources
Faculty Advisor (BCIS) for students as required, via email or online (face to face begins when restrictions lift officially)

Shoba Ittyipe (pronounced “Itty Ipe”)

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Associate Professor & BCIS Academic Advisor

Artist, semi-professional baker
Two program offerings...

Computer Information Systems (CIS)
- Focus on the practical application of computer systems in a business environment. Develop a double skill-set that combines technical understanding with solid business acumen in software development, systems analysis and project management.

Computer Science (CS)
- Exhibit the ability to apply knowledge of computing and mathematics
Computer Information Systems (CIS)

- Core (18)
- Options (8)
- General Education (10)
- Electives (4)

Senior Business (2)
Senior COMP (4)
Senior Business or COMP (2)

Foundation (4) - All Clusters
Tier 2 (3)
Tier 3 (3)
Core (18)

Computing
1. COMP 1501 - Programming I: Introduction to Problem Solving and Programming
2. COMP 1502 - Programming II: Object-Oriented Programming
3. COMP 2503 - Programming III: Data Structures
4. COMP 2511 - Web I: Client Development
5. COMP 2521 - Database I: Data Modeling and Query Languages
6. COMP 2531 - Computer Architecture and Operating Systems
7. COMP 2541 - Systems Analysis
8. COMP 3309 - Information Technology and Society
9. COMP 3512 - Web II: Web Application Development
10. COMP 3532 - System Administration and Maintenance
11. COMP 3533 - Network Infrastructure
12. COMP 4543 - Project Management and Quality Assurance

Mathematics
1. MATH 1505 – Puzzling Adventures in Mathematics

Business
1. ACCT 2121 – Financial Accounting Concepts
2. HRES 2170 – Introduction to Human Resources
3. MGMT 2130 – Management Principles and Practice OR ENTR 2301 Innovation and the Entrepreneurial Experience OR SINV 2201 Introduction to Social Innovation
4. MGMT 3210 – Business Communication Theory and Practice
5. MKTG 2150 – Introduction to Marketing OR LSCM Introduction to Logistics and Supply Chain Management
Approved Senior COMP Option

- COMP 3012 – Robotics
- COMP 3504 – Programming IV: Software Engineering
- COMP 3505 – Software Testing
- COMP 3551 – GUI Development
- COMP 3553 – Human-Computer Interaction
- COMP 4513 – Web III: Advanced Web Development
- COMP 4522 – Database-II: Advanced Databases
- COMP 4535 – Computer Security
- COMP 4545 – Information Systems Organization
- COMP 4555 – Games Development
- COMP 5590 – Senior Project

Approved Senior Business Option

Any 3000-level or higher course offered by the Bissett School of Business

Senior Business (2)
Senior COMP (4)
Senior Business or COMP (2)
General Education (10) (GNED)

Cluster 1 - Numeracy and Scientific Literacy
- Foundation
- Tier 2
- Tier 3

Cluster 2 - Values, Beliefs and Identity
- Foundation
- Tier 2
- Tier 3

Cluster 3 - Community and Society
- Foundation
- Tier 2
- Tier 3

Cluster 4 - Communication
- Foundation
- Tier 2
- Tier 3

Foundation (4) - All Clusters
Tier 2 (3)
Tier 3 (3)
An elective is **any** course that does not fulfill either a Major or General Education requirement.

There are hundreds of courses to choose from depending on your program.
Degree completion timeline is different for everyone...

5 courses/term is 10 courses/year
  = graduation in 4 years

4 courses/term (Fall & Winter) + 2 courses in Spring/Summer is 10 courses/year
  = graduation in 4 years

2-4 courses/term (Fall & Winter)
  = graduation in 5+ years

If you need assistance with determining the right load for you, talk to your BCIS Advisor!
Minors

A Minor represents some degree of specialization in a particular subject matter.

Students complete Minors for a number of reasons, including a passion for the subject matter or that it complements their Major.

Minors are totally optional.

https://www.mtroyal.ca/ProgramsCourses/Minors/
Mandatory Work Experience or COOP Option

Orientation to COOP course (COOP 0001) in Third semester

A prep course, to get you prepared for your workterm(s)

Mandatory WE (COMP 3591) - ONE work-term

Versus

COOP Option (COOP 0002/0002/0003) - THREE optional work-terms
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**Computing Communication Network (CCN)**
mruGradU8 - Program Audit and Tracking

mruGradU8 is one of the resources available to you for tracking your program progress.

https://mrugradu8.mymru.ca/DashboardServlet/dashboard
Many of your courses will have multiple components

- Lecture
- Lab
- Tutorial

**Format:**

Alternate versus Face-to-Face

**Schedules:**

Synchronous, Asynchronous and Hybrid
## Course Documents and Tools

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Instructional Assistants

**Jordan Pratt**
Losing at board games, watching scary movies, and hiding under the covers after watching scary movies

jpratt@mtroyal.ca

**Steve Kalmar**
Reads fan fiction and playing Fortnite

skalmar@mtroyal.ca
Departmental Administrative Assistant

Amy McCarthy

Hiker and Contemplative Photographer

amccarthy@mtroyal.ca

mru.ca/ScienceTechnology
Words of Wisdom - For Students

Take ownership of your learning

Understand and follow the course outline

Understand the student code of conduct and follow it!

Understand your program requirements

Learn about course offerings

Register for and attend classes

Build your own schedule

Think critically about your academic plan and how you are choosing to customize your educational experience at MRU
Critical Dates

- First day of classes
  Sept 3rd, 2020

- Last day to adjust (add/drop) classes
  Sept 14th, 2020

- Last day to withdraw with a ‘W’ grade
  Nov 20th, 2020

- Exam Period
  December 11th-22nd

Pro Tip: consider integrating this calendar into your MRU Google Calendar

All instructors use Google Calendar to meet, you should too!
Student Resources

Academic Calendar 2020-21: https://catalog.mtroyal.ca/mime/media/view/21/2042/2020-21_Academic_Calendar.pdf

Office of the Registrar: creditregistration@mtroyal.ca
Registration Helpline, technical registration problems otherwise unexplained

Student Learning Services: sls@mtroyal.ca
Time management, study skills, exam writing, math help, peer learning

Career Services: studentjobs@mtroyal.ca
workshops, resumes, career research, employment and volunteer opportunities

Accessibility Services: accessibility@mtroyal.ca
registration for academic accommodations, overcoming disability related barriers

Student Counselling: counselling@mtroyal.ca
personal, career, educational, workshops, webinars, group

Presented by NSO | 2020
Thank you for joining us!

Questions?