Program Regulations

- **Graduate Certificate in Information Technology Management (GC ITM)**
- **Graduate Certificate in Data Analytics (GC DA)**
- **Graduate Certificate in Information Security (GC ISec)**
- **Master of Science in Computing and Information Systems (MSc CIS)**

GC in Information Technology Management (GC ITM)

Residency requirements: Six credits through AU
Program Status: minimum 6 credits per year
Time limit: 2 years
Program Extension/ Program Deferral: up to one year.

Core courses: (9 credits)
COMP505: Operation Management (3)
COMP506: Organizational Behavior in Information Systems (3)
COMP607: Ethical, Legal, and Social Issues in Information Technology (3)

Elective courses: (3 credits)
COMP635: Green ICT Strategies (3)
COMP605: Project Management for Information Systems (3).
COMP638: Enterprise Modeling (3).

GC in Data Analytics (GC DA)

Residency requirements: Six credits through AU
Program Status: minimum 6 credits per year
Time limit: 2 years
Program Extension/ Program Deferral: up to one year.

Core courses: (9 credits)
COMP504: Object Structure and Programming (3)
COMP682: Data Mining (3)
COMP683: Introduction to Learning Analytics & Knowledge (3)

Elective courses: (3 credits)
COMP602: Enterprise Information Management (3)
COMP657: Artificial Intelligence: Principles and Techniques (3)
COMP658: Computational Intelligence (3)
COMP684: Business Intelligence (3)

FST Advising: fst_grad_success@athabascau.ca

GC in Information Security (GC ISec)

Residency requirements: Six credits through AU
Program Status: minimum 6 credits per year
Time limit: 2 years
Program Extension/ Program Deferral: up to one year.

Core courses: (9 credits)
COMP604: Enterprise Computer Networks (3)
COMP607: Ethical, Legal, and Social Issues in Information Technology (3)
COMP660: Enterprise Information Security (3)

Elective courses: (3 credits)
COMP656: Cloud Computing (3)
COMP689: Advanced Distributed Systems (3)

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Master of Science in Computing and Information Systems (MSc CIS)

Residency requirements: 18 credits through AU.
Program Status: minimum 6 credits per year.
Time limit: 5 years.
Program Extension/ Program Deferral: up to one year.
Advanced standing: up to 9 credits.
Transfer of credits: Grad course with grade > B- and < 7 years old.
Laddering a GC into MSc CIS: Courses < 7 years old.

Routes / Components	Essay		Project		Thesis	
	Min	Max	Min	Max	Min	Max
Foundations	3	12	3	12	3	12
Core	15		15		9	
Electives	9		3		3	
Integration	3		9		15	
Total (MSc CIS)	30	39	30	39	30	39

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Master of Science in Computing and Information Systems (MSc CIS)

Foundation courses: (3-12 credits)

COMP 601: Survey of Computing and Information Systems (3 credits, required).
Courses to select from: COMP 501, COMP 503, and COMP 504, COMP 505, COMP 506.

Core courses: (9-15 credits)

COMP 695: Research Methods in Information Systems (3 credits, required).
Courses to select from: COMP 602, COMP 604, COMP 605, COMP 607, COMP 610, COMP 638, COMP 648, COMP 657, COMP 682, COMP 689.

Elective courses: (3-9 credits)

Any of the core courses and the following:
COMP 617, COMP 625, COMP 635, COMP 637, COMP 650, COMP 656, COMP 658, COMP 659, COMP 660, COMP 667, COMP 674, COMP 683, COMP 684,, COMP 692, COMP 693, COMP 694, ENSC 620, GEOG 621, BIOL 625.

Integration Routes: (3-15 credits)

Course based Route/ Essay: COMP 696 (3 credits)
Project-based Route: COMP 697-699 (9 credits)
Thesis-based Route: COMP 676-680 (15 credits)

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Focus Areas for MSc CIS

Students can complete the MSc CIS program without a focus area.

A focus area is a subject concentration within the MSc CIS program. Focus areas in the MSc CIS are:

- **Focus on Information Technology Management.**
- **Focus on Information Systems Development.**
- **Focus on Data Analytics.**
- **Focus on Information Security.**
- **Artificial Intelligence and Intelligent Systems.**
- **Focus on Cloud Computing.**
- **Focus on Health Informatics.**
- **Focus on Learning Technology.**
- **Focus on Bioinformatics.**
- **Focus on Environmental Data Analytics.**

Focus Areas Regulations (Part I)

- **Focus on Information Technology Management**: Students are required to complete or get advanced standing for COMP 505, and complete COMP 605, COMP 607, and one of {COMP 610, COMP 635, COMP 638}.

- **Focus on Information Systems Development**: Students are required to complete or get advanced standing for COMP 501, and complete COMP 602, COMP 610, and one of {COMP 605, COMP 607, COMP 638, COMP 648, COMP 689}.

- **Focus on Data Analytics**: Students are required to complete or get advanced standing for COMP 504, and complete COMP 682, COMP 683, and one of {COMP 602, COMP 607, COMP 657, COMP 658, COMP 684}.

- **Focus on Information Security**: Students are required to complete or get advanced standing for COMP 503, and complete COMP 604, COMP 660, and one of {COMP 607, COMP 656, COMP 689}.

- **Focus on Artificial Intelligence and Intelligent Systems**: Students are required to complete or get advanced standing for COMP 501, and complete COMP 607, COMP 657, and one of {COMP 658, COMP 667, COMP 682, COMP 683, COMP 684}.

Focus Areas Regulations (Part II)

- **Focus on Cloud Computing**: Students are required to complete or get advanced standing for COMP 503, and complete COMP 656, COMP 689, and one of {COMP 604, COMP 607, COMP 660}.
- **Focus on Health Informatics**: Students are required to complete or get advanced standing for COMP 505, and complete COMP 620, one of {MHST 601, MHST 602}, and one of {COMP 602, COMP 605, COMP 607, COMP 10, COMP 635, COMP 648, COMP 650}.
- **Focus on Learning Technology**: Students are required to complete or get advanced standing for COMP 505, and complete COMP 683, MDDE 603, and one of {MDDE 613, COMP 602, COMP 605, COMP 607, COMP 635, COMP 638, COMP 648, COMP 650}.
- **Focus on Cloud Computing**: Students are required to complete or get advanced standing for COMP 503, and complete COMP 656, COMP 689, and one of {COMP 604, COMP 607, COMP 660}.
- **Focus on Bioinformatics**: Students are required to complete COMP 602,COMP 625, BIOL 625, and one of {COMP 657, COMP 658, COMP 659, COMP 682, COMP 683, COMP 684, GEOG 621}.
- **Focus on Environmental Data Analytics**: Students are required to complete or get advanced standing for COMP 504, and complete COMP 682, ENSC 620, and one of {COMP 602, COMP 607, COMP 657, COMP 658, COMP 659, COMP 683, COMP 684}.

Course Regulations

Online Group Study: 13-week timetable. Sessions start on September, January, and May.

Online Individualized Study: Contract of 6 months. Sessions start the beginning of every month. The following courses are delivered in individual study: COMP 617, COMP 625, COMP 667, COMP 674, COMP 682, COMP 694, and BIOL 625. The Essay (COMP 696), Project (COMP 697-699) and Thesis (COMP 676-680) courses are also considered individual study

Online Independent Study: COMP 692 and COMP 693. used to teach topic not covered in our regular courses.

Seminar course: COMP 694, delivered in a seminar format used for elective credits. All students are welcome to attend the seminars, but those who like to get credits must register and fulfill the assessment requirements.

Minimum Grade to pass courses: B- (70%).

Course extensions: 2 months only for the following courses: COMP 501, COMP 503, COMP 504, COMP 602, COMP 617, COMP 667, COMP 682, COMP 696
COMP 697-699, COMP 676-680

Course Withdrawal:
Early Withdrawal (Within 30 Days of Course Start Date): will not appear on the transcript, Partial Refund.
Withdrawal (After 30 Days of the Course Start Date): Grade = "W", No Refund.

Course Re-registration: one time for failed courses.

Thank you !

Questions ?

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