

# FACULTÉ DE GÉNIE

# FACULTY OF ENGINEERING

ÉTUDIANTS D'ÉCHANGE | EXCHANGE STUDENTS

[Please see below for English](#)

## DISPONIBILITÉ/RESTRICTION DE COURS

La disponibilité/les restrictions des cours pour l'année universitaire 2017-2018.

## GÉNIE INFORMATIQUE

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- CEG2901 Stage coop I / Co-op Work Term I 3 crédits
- CEG3185 Introduction to Data Communications and Networking 3 crédits
- CEG3901 Stage coop II / Co-op Work Term II 3 crédits
- CEG3902 Stage coop III / CO-OP Work Term III 3 crédits
- CEG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- CEG4902 Stage coop V / CO-OP Work Term V 3 crédits

LES COURS SUIVANTS PEUVENT SEULEMENT ÊTRE PRIS AVEC L'APPROBATION DU COORDINATEUR DE CEG:

- CEG4912 Projet de conception en génie informatique I / Computer Engineering Design Project I 3 crédits
- CEG4913 Projet de conception en génie informatique II / Computer Engineering Design Project II 3 crédits

## GÉNIE CHIMIQUE

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- CHG2901 Stage coop I / Co-op Work Term I 3 crédits
- CHG3901 Stage coop II / Co-op Work Term II 3 crédits
- CHG3902 Stage coop III / CO-OP Work Term III 3 crédits
- CHG4244 Plant design project 6 crédits

- CHG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- CHG4902 Stage coop V / CO-OP Work Term V 3 crédits

LES COURS SUIVANTS PEUVENT SEULEMENT ÊTRE PRIS AVEC L'APPROBATION DU COORDINATEUR DE CHG ET DU SUPERVISEUR (DANS LE CAS D'UNE THÈSE):

- CHG4900 Thèse et séminaire / Thesis and seminars 6 crédits

## SCIENCE INFORMATIQUE

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- CSI2110 Data Structures and Algorithms 3 crédits
- CSI2901 Stage coop I / CO-OP Work Term I 3 crédits
- CSI2911 Pratique professionnelle de l'informatique / Professional Practice in Computing 3 crédits
- CSI3131 Operating Systems 3 crédits
- CSI3901 Stage coop I / CO-OP Work Term II 3 crédits
- CSI3902 Stage coop III / CO-OP Work Term III 3 crédits
- CSI4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- CSI4902 Stage coop V / CO-OP Work Term V 3 crédits

LES COURS SUIVANTS PEUVENT SEULEMENT ÊTRE PRIS AVEC L'APPROBATION DU COORDINATEUR DE CSI ET DU SUPERVISEUR (DANS LE CAS D'UNE THÈSE):

- CSI4103 Topics in Computer Science I 3 crédits
- CSI4104 Topics in Computer Science II 3 crédits
- CSI4503 Sujets en Informatique I 3 crédits
- CSI4504 Sujets en Informatique II 3 crédits
- CSI4900 Projets de recherche / Honors Project 3 crédits

## GÉNIE CIVIL

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- CVG2132 Fundamentals of Environmental Engineering 3 crédits
- CVG2171 Surveying and Measurements 3 crédits
- CVG2571 Mesures et arpentage 3 crédits
- CVG2901 Stage coop I / CO-OP Work Term I 3 crédits
- CVG3901 Stage coop II / CO-OP Work Term II 3 crédits
- CVG3902 Stage coop III / CO-OP Work Term III 3 crédits
- CVG4001 Introduction à la conception en génie civil / Introduction to Civil Engineering Project 3 crédits
- CVG4175 Field Investigations 3 crédits

- CVG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- CVG4902 Stage coop V / CO-OP Work Term V 3 crédits
- CVG4907 Projet de conception en génie Civil / Engineering Design Project 3 crédits

LES COURS SUIVANTS PEUVENT SEULEMENT ÊTRE PRIS AVEC L'APPROBATION DU COORDINATEUR DE CVG ET DU SUPERVISEUR (DANS LE CAS D'UNE THÈSE):

- CVG4180 Special Directed Studies 3 crédits
- CVG4260 Thesis 6 crédits

## GENIE ÉLECTRIQUE

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- ELG2136 Electronics I 3 crédits
- ELG2138 Circuit Theory I 3 crédits
- ELG2901 Stage coop I / CO-OP Work Term I 3 crédits
- ELG2911 Pratique professionnelle en ingénierie et technologie de l'information / Professional Practice in Information Technology and Engineering 3 crédits
- ELG3901 Stage coop II / CO-OP Work Term II 3 crédits
- ELG3902 Stage coop III / CO-OP Work Term III 3 crédits
- ELG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- ELG4902 Stage coop V / CO-OP Work Term V 3 crédits
- ELG4912 Projet de Design en Génie Électrique : Partie I Electrical Engineering Design Project: Part I 3 crédits
- ELG4913 Projet de Design en Génie Électrique: Partie II / Electrical Engineering Design Project: Part II 3 crédits

## GÉNIE MÉCANIQUE

COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- MCG2101 Introduction to Design 3 crédits
- MCG2131 Thermodynamics II 3 crédits
- MCG2501 Introduction à la conception 3 crédits
- MCG2901 Stage coop I / CO-OP Work Term I 3 crédits
- MCG3131 Machine Design 3 crédits
- MCG3305 Biomedical System Dynamics 3 crédits
- MCG3531 Conception des machines 3 crédits
- MCG3705 Dynamique des systèmes biomédicaux 3 crédits
- MCG3901 Stage coop II / CO-OP Work Term II 3 crédits

- MCG3902 Stage coop III / CO-OP Work Term III 3 crédits
- MCG4100 Thesis 6 crédits
- MCG4150 Bioinstrumentation 3 crédits
- MCG4151 Design of Artificial Joint Prostheses and Implants 3 crédits
- MCG4152 Design of Artificial Organs 3 crédits
- MCG4190 Selected Topics I 3 crédits
- MCG4191 Selected Topics II 3 crédits
- MCG4220 Thesis 6 crédits
- MCG4322 Computer-Aided Design 6 crédits
- MCG4328 Manufacturing 3 crédits
- MCG4340 Mechanical Engineering Laboratory 3 crédits
- MCG4550 Bio-instrumentation et biocontrôles 3 crédits
- MCG4551 Biomécanique et biomatériaux des articulations  
prothétiques 3 crédits
- MCG4552 Organes artificiels 3 crédits
- MCG4722 Conception assistée par ordinateur 6 crédits
- MCG4728 Procédés de fabrication 3 crédits
- MCG4740 Pratique du génie mécanique 3 crédits
- MCG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- MCG4902 Stage coop V / CO-OP Work Term V 3 crédits

## GÉNIE LOGICIEL

### COURS NON-DISPONIBLES AUX ÉTUDIANTS D'ÉCHANGE :

- SEG 1911 Communication et responsabilité professionnelle 3 crédits
- SEG2105 Introduction to Software Engineering 3 crédits
- SEG2901 Stage coop I / CO-OP Work Term I 3 crédits
- SEG2911 Pratique de la profession d'ingénieur logiciel /  
Professional Software Engineering Practice 3 crédits
- SEG3901 Stage coop II / CO-OP Work Term II 3 crédits
- SEG3902 Stage coop III / CO-OP Work Term III 3 crédits
- SEG4901 Stage coop IV / CO-OP Work Term IV 3 crédits
- SEG4902 Stage coop V / CO-OP Work Term V 3 crédits
- SEG4910 Projet génie logiciel de fin d'études 1re partie /  
Software Engineering Capstone Project - Part 1 3 crédits
- SEG4911 Projet génie logiciel de fin d'études 2e partie /  
Software Engineering Capstone Project - Part 2 3 crédits

## COURSE AVAILABILITY/RESTRICTIONS

Course availability/restrictions for the 2016-2017 academic year.

### COMPUTER ENGINEERING

COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- CEG2901 Stage coop I / Co-op Work Term I 3 credits
- CEG3185 Introduction to Data Communications and Networking 3 credits
- CEG3901 Stage coop II / Co-op Work Term II 3 credits
- CEG3902 Stage coop III / CO-OP Work Term III 3 credits
- CEG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- CEG4902 Stage coop V / CO-OP Work Term V 3 credits

THE FOLLOWING COURSES CAN BE TAKEN ONLY WITH THE APPROVAL OF THE COORDINATOR FOR THE CEG PROGRAM:

- CEG4912 Projet de conception en génie informatique I / Computer Engineering Design Project I 3 credits
- CEG4913 Projet de conception en génie informatique II / Computer Engineering Design Project II 3 credits

### CHEMICAL ENGINEERING

COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- CHG2901 Stage coop I / Co-op Work Term I 3 credits
- CHG3901 Stage coop II / Co-op Work Term II 3 credits
- CHG3902 Stage coop III / CO-OP Work Term III 3 credits
- CHG4244 Plant design project 6 credits
- CHG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- CHG4902 Stage coop V / CO-OP Work Term V 3 credits

THE FOLLOWING COURSES CAN BE TAKEN ONLY WITH THE APPROVAL OF THE COORDINATOR FOR THE CHG PROGRAM & WITH THE SUPERVISOR'S APPROVAL (FOR THESE):

- CHG4900 Thèse et séminaire / Thesis and seminars 6 credits

### COMPUTER SCIENCE

COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- CSI2110 Data Structures and Algorithms 3 credits

- CSI2901 Stage coop I / CO-OP Work Term I 3 credits
- CSI2911 Pratique professionnelle de l'informatique / Professional Practice in Computing 3 credits
- CSI3131 Operating Systems 3 credits
- CSI3901 Stage coop I / CO-OP Work Term II 3 credits
- CSI3902 Stage coop III / CO-OP Work Term III 3 credits
- CSI4901 Stage coop IV / CO-OP Work Term IV 3 credits
- CSI4902 Stage coop V / CO-OP Work Term V 3 credits

THE FOLLOWING COURSES CAN BE TAKEN ONLY WITH THE APPROVAL OF THE COORDINATOR FOR THE CSI PROGRAM & WITH THE SUPERVISOR'S APPROVAL (FOR THESE):

- CSI4103 Topics in Computer Science I 3 credits
- CSI4104 Topics in Computer Science II 3 credits
- CSI4503 Sujets en Informatique I 3 credits
- CSI4504 Sujets en Informatique II 3 credits
- CSI4900 Projets de recherche / Honors Project 3 credits

## CIVIL ENGINEERING

COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- CVG2132 Fundamentals of Environmental Engineering 3 credits
- CVG2171 Surveying and Measurements 3 credits
- CVG2571 Mesures et arpentage 3 credits
- CVG2901 Stage coop I / CO-OP Work Term I 3 credits
- CVG3901 Stage coop II / CO-OP Work Term II 3 credits
- CVG3902 Stage coop III / CO-OP Work Term III 3 credits
- CVG4001 Introduction à la conception en génie civil / Introduction to Civil Engineering Project 3 credits
- CVG4175 Field Investigations 3 credits
- CVG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- CVG4902 Stage coop V / CO-OP Work Term V 3 credits
- CVG4907 Projet de conception en génie Civil / Engineering Design Project 3 credits

THE FOLLOWING COURSES CAN BE TAKEN ONLY WITH THE APPROVAL OF THE COORDINATOR FOR THE CVG PROGRAM & WITH THE SUPERVISOR'S APPROVAL (FOR THESE):

- CVG4180 Special Directed Studies 3 credits
- CVG4260 Thesis 6 credits

## ELECTRICAL ENGINEERING

### COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- ELG2136 Electronics I 3 credits
- ELG2138 Circuit Theory I 3 credits
- ELG2901 Stage coop I / CO-OP Work Term I 3 credits
- ELG2911 Pratique professionnelle en ingénierie et technologie de l'information / Professional Practice in Information Technology and Engineering 3 credits
- ELG3901 Stage coop II / CO-OP Work Term II 3 credits
- ELG3902 Stage coop III / CO-OP Work Term III 3 credits
- ELG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- ELG4902 Stage coop V / CO-OP Work Term V 3 credits
- ELG4912 Projet de Design en Génie Électrique : Partie I Electrical Engineering Design Project: Part I 3 credits
- ELG4913 Projet de Design en Génie Électrique: Partie II / Electrical Engineering Design Project: Part II 3 credits

## MECHANICAL ENGINEERING

### COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- MCG2101 Introduction to Design 3 credits
- MCG2131 Thermodynamics II 3 credits
- MCG2501 Introduction à la conception 3 credits
- MCG2901 Stage coop I / CO-OP Work Term I 3 credits
- MCG3131 Machine Design 3 credits
- MCG3305 Biomedical System Dynamics 3 credits
- MCG3531 Conception des machines 3 credits
- MCG3705 Dynamique des systèmes biomédicaux 3 credits
- MCG3901 Stage coop II / CO-OP Work Term II 3 credits
- MCG3902 Stage coop III / CO-OP Work Term III 3 credits
- MCG4100 Thesis 6 credits
- MCG4150 Bioinstrumentation 3 credits
- MCG4151 Design of Artificial Joint Prostheses and Implants 3 credits
- MCG4152 Design of Artificial Organs 3 credits
- MCG4190 Selected Topics I 3 credits
- MCG4191 Selected Topics II 3 credits
- MCG4220 Thesis 6 credits
- MCG4322 Computer-Aided Design 6 credits
- MCG4328 Manufacturing 3 credits
- MCG4340 Mechanical Engineering Laboratory 3 credits
- MCG4550 Bio-instrumentation et biocontrôles 3 credits

- MCG4551 Biomécanique et biomatériaux des articulations prothétiques 3 credits
- MCG4552 Organes artificiels 3 credits
- MCG4722 Conception assistée par ordinateur 6 credits
- MCG4728 Procédés de fabrication 3 credits
- MCG4740 Pratique du génie mécanique 3 credits
- MCG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- MCG4902 Stage coop V / CO-OP Work Term V 3 credits

## SOFTWARE ENGINEERING

### COURSES NOT OFFERED TO EXCHANGE STUDENTS:

- SEG1911 Professional Communication and Responsibility 3 credits
- SEG2105 Introduction to Software Engineering 3 credits
- SEG2901 Stage coop I / CO-OP Work Term I 3 credits
- SEG2911 Pratique de la profession d'ingénieur logiciel / Professional Software Engineering Practice 3 credits
- SEG3901 Stage coop II / CO-OP Work Term II 3 credits
- SEG3902 Stage coop III / CO-OP Work Term III 3 credits
- SEG4901 Stage coop IV / CO-OP Work Term IV 3 credits
- SEG4902 Stage coop V / CO-OP Work Term V 3 credits
- SEG4910 Projet génie logiciel de fin d'études 1re partie / Software Engineering Capstone Project - Part 1 3 credits
- SEG4911 Projet génie logiciel de fin d'études 2e partie / Software Engineering Capstone Project - Part 2 3 credits