FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		Notes
FALL	WINTER	FALL	WINTER	FALL	WINTER	FALL	WINTER	

Program Map Courses

MATH 1004 — Calculus for Eng. Students

MATH 1104 — Linear Algebra for Eng. Students

MATH 1005 — Differential Equations & Infinite Series for Eng. Students

MATH 2004 — Multivariable Calculus for Eng. Students

CIVE 3203 — Intro. to Structural Analysis

ECOR 3800 (3rd) — Engineering Economics

ACSE 4918 / ECOR 4907 (4th) — Design Project (note b) **(1.0 credit)**

CHEM 1101 — Chemistry for Eng. Students

Elective — Basic Science Elective

ACSE 2001 — Architecture & the Environment

MAAE 2400 (2nd) — Thermodynamics & Heat Transfer

CIVE 3204 — Intro. to Structural Design

ACSE 3209 (3rd) — Building Science

ARCH 4200 — Architectural Conservation Philosophy & Ethics

ACSE 4106 (4th) — Indoor Environmental Quality

ARCH 1000 — Introduction to Architecture

PHYS 1004 — Introductory Electromagnetism & Wave Motion

CIVE 2200 (2nd) — Mechanics of Solids I

MAAE 2300 (2nd) — Fluid Mechanics I

ACSE 3207 (3rd) — Historical Site Recording & Assessment

CIVE 3205 — Design of Structural Steel Components

ACSE 4107 — Building Services Engineering

ACSE 4601 (4th) — Building Pathology & Rehabilitation

Weeks 1-6

ECOR 1041 — Computation & Prog. **(0.25 credit)**

ECOR 1045 — Statics **(0.25 credit)**

ECOR 1043 — Circuits **(0.25 credit)**

ECOR 1047 — Visual Comm. **(0.25 credit)**

Weeks 7-12

ECOR 1042 — Data Management **(0.25 credit)**

ECOR 1046 — Mechanics **(0.25 credit)**

ECOR 1044 — Mechatronics **(0.25 credit)**

ECOR 1048 — Dynamics **(0.25 credit)**

CIVE 2700 (2nd) — Civil Engineering Materials

CDNS 2400 — Heritage Conservation in Canada

ACSE 3201 (3rd) — Intro to Building Performance Simulation

CIVE 3206 — Design of Reinforced Concrete Components

ACSE 4101 — Intro to Structural Assessment of Historic Structures

Elective — Engineering Elective (note a)

CCDP 2100 — Communication Skills for Eng. Students

ECOR 2050 (2nd) — Design & Analysis of Engineering Experiments

ACSE 3105 (3rd) — Green Building Design

CIVE 4202 (3rd) — Wood Engineering

Elective — Engineering Elective (note a)

Elective — Engineering Elective (note a)

ECOR 1055 — Introduction to Engineering Disciplines I **(0.0 credit)**

ECOR 1056 — Introduction to Engineering Disciplines II **(0.0 credit)**

ECOR 1057 — Engineering Profession **(0.0 credit)**

ARCC 2202 — Architecture Technology I

ARCC 2203 — Architecture Technology II

ECOR 4995 (4th) — Professional Practice (note c)

ECOR 2995 Engineering Portfolio (note d) **(0.0 credit)**

Notes

Notes

(a) 1.5 credits in CIVE 3202, CIVE 3208, CIVE 4200, CIVE 4201, CIVE 4302, CIVE 4303, CIVE 4307, CIVE 4308, CIVE 4400, CIVE 4403, CIVE 4407, CIVE 4500, CIVE 4614, CIVE 4907, CIVE 4917, ENVE 3003, ENVE 4003, ENVE 4200, MECH 4407 or SREE 4002.

(b) Students must complete all first and second year courses, as well as 3.5 credits of third year courses, to enroll in ACSE 4918 or ECOR 4907 (Design Project).

(c) ECOR 4995 may be taken in Fall term, if required due to limited elective options in the Fall term.

(d) Please review Engineering Portfolio submission and registration instructions. Students register for ECOR 2995 once 4th year status is achieved, either before or concurrent with ECOR 4995.

*Arrow Legend

→ Required prerequisite

⇢ Concurrent prerequisite

**Please run your audit after making any registration changes to verify they have been applied successfully