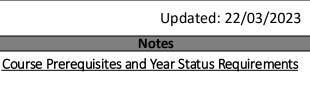
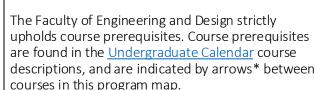
Catalog Year: 202330

ARCHITECTURAL CONSERVATION & SUSTAINABILITY ENGINEERING





Year status in Engineering prerequisites (as noted by 2nd, 3rd, or 4th above the course box) vary year to year, please carefully review requirements for your catalog year.

Academic Advising

Obtaining regular academic advising and support for course planning is essential for engineering students who are "off-pattern" from their program map. Contact your program advisor:

First year students (new and returning): ECORSupport@carleton.ca

Second year and higher students: Who to contact in CEE?

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.

FIRST YEAR SECOND YEAR THIRD YEAR FOURTH YEAR FALL WINTER FALL WINTER **FALL** WINTER **FALL** WINTER MATH 1005 **MATH 2004** ACSE 4918 / ECOR 4907 **CIVE 3203 ECOR 3800 MATH 1004 MATH 1104** Differ ential Multivariable Calculus for Linear Algebra for Equations & Intro. to Structural Engineering Design Project (note b) Calculus for Infinite Series for (1.0 credit) Eng. Students Eng. Students Analysis Economics Eng. Students Eng. Students **CHEM 1101** Elective 2nd Chemistry for Basic Science **ACSE 4106 ARCH 4200** Eng. Students Elective Ar chitectural Indoor **ACSE 2001 MAAE 2400 CIVE 3204 ACSE 3209** Conservation Environmental Intro. to Structural Architecture & the Thermodynamics 1 2 2 2 Building Science Philosophy & Ethics Quality Environment & Heat Transfer Design **PHYS 1004** ARCH 1000 Introductory Introduction to Electromagnetism Architecture & Wave Motion 2nd **ACSE 4601 ACSE 4107 ACSE 3207** Building Pathology Building Services **CIVE 2200 CIVE 3205 MAAE 2300** & Rehabilitation Historical Site Engineering ECOR 1041 ECOR 1045 Mechanics of Design of Structura Recording & Fluid Mechanics I Solids I Steel Components As sessment (0.25 credit) (0.25 credit) **ECOR 1043 ECOR 1047 ACSE 4101** Elective Visual Comm Intro to Structural (0.25 credit) (0.25 credit) 2nd Engineering Elective As sessment of Historic Structures **CDNS 2400 ACSE 3201 CIVE 3206 CIVE 2700** Heritage Intro to Building Design of Reinforce Civil Engineering **ECOR 1042 ECOR 1046** Conservation in Performance Concrete Materials Data Managemen Mechanics Canada Simulation Components (0.25 credit) (0.25 credit) Elective Elective **ECOR 1044 ECOR 1048** Engineering Elective Engineering Elective Mechatronics Dynamics (note a) 3rd (0.25 credit) (0.25 credit) CCDP 2100 **ECOR 2050 ACSE 3105 CIVE 4202** Communication Design & Analysis Green Building 4th ECOR 1055 **ECOR 1056** Skills for of Engineering Wood Engineering Design Introduction to Eng. Students Experiments Introduction to ECOR 4995 Professional Disciplines I Disciplines II (0.0 credit) Practice (0.0 credit) (note c) **ECOR 1057 ARCC 2202 ARCC 2203** Engineering Ar chitecture Ar chitecture Profession ECOR 2995 Engineering Portfolio Technology I Technology II (0.0 credit) (note d) (0.0 credit) *Arrow Legend Kindly note: this program map has been designed to ease course planning and registration for engineering students, information is accurate at the time this Required prerequisite

Concurrent prerequisite

document is produced. Prerequisites, course titles, course offerings, and course schedule patterns are based on the academic year in which this map was prepared and are subject to change. Please contact EngAcadSupport@carleton.ca for inquiries regarding this program map.

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