

# LANDSCAPE ARCHITECTURE (LARC)

## **LARC\*1100 Introduction to Design and Communication Studio Fall Only (LEC: 3, LAB: 3) [0.75]**

An introduction to the physical design professions that emphasize design awareness, the design process, creativity and communication skills.

**Restriction(s):** Registration in the BLA program.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*1950 History of Cultural Form Fall Only (LEC: 3) [0.50]**

This course is an exploration of the historical roots of landscape design with an emphasis on the influence of past works on the present practice of landscape architecture.

**Restriction(s):** This is a Priority Access course. Enrolment may be restricted to particular programs or specializations during certain periods.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2020 Foundational Design Studio Winter Only (LEC: 2, LAB: 4) [0.75]**

The focus of this course is on the theory, process and vocabulary of spatial design. Students will explore the anthropometric, social, psychological, aesthetic and behavioural forces to which a designer must respond. The course also provides an introduction to design development and digital visual communication skills.

**Prerequisite(s):** LARC\*1100

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2100 Landscape and Site Analysis Fall Only (LEC: 2, LAB: 2) [0.50]**

This course is an introduction to biophysical factors and their influence on design. Site assessment methods and data presentation techniques will be outlined. Students will learn to formulate and conduct site assessments that include resource inventories and the analysis for land use suitability.

**Prerequisite(s):** LARC\*2020

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2230 Planting Design Winter Only (LEC: 1, LAB: 2) [0.50]**

This course introduces the visual, physical, and cultural characteristics of plants and their use. Students will apply design theory at a site specific scale using plants for a wide range of applications.

**Prerequisite(s):** LARC\*1100

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2240 Plants in the Landscape Fall Only (LEC: 1, LAB: 2) [0.50]**

This course explores the identification and cultural requirements of native and introduced plants in cultivated and naturalized landscapes from a design perspective.

**Prerequisite(s):** LARC\*2230

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2410 Site Engineering Fall Only (LEC: 3, LAB: 1) [0.50]**

This course introduces earthwork, circulation, drainage and sub-grade utility networks and their connection to design through site grading. Field surveying, technical drawing, cut and fill calculations and quantity take-offs are introduced and applied.

**Prerequisite(s):** LARC\*2020, LARC\*2420

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2420 Materials and Techniques Winter Only (LEC: 3) [0.50]**

This course is an introduction to the materials and techniques commonly used for landscape construction. Students will learn to prepare technical construction drawings and will develop a basic understanding of landscape architectural construction specifications and contracts.

**Prerequisite(s):** LARC\*1100

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*2820 Urban and Regional Planning Winter Only (LEC: 3) [0.50]**

This course provides an introduction to the evolution and history of planning in Canada. It strikes a balance between theoretical foundations of planning and practical application of planning policies within the Ontario context.

**Restriction(s):** This is a Priority Access Course. Enrolment may be restricted to students registered in BLA and BCOM programs during certain periods.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*3040 Site Design Studio Fall Only (LEC: 2, LAB: 4) [0.75]**

This course focuses on applying elements of the site planning process, including programming, site inventory and analysis, conceptual design, functional analysis and diagramming in design. The role of theory in site design is also emphasized as a primary element within this course.

**Prerequisite(s):** LARC\*2020

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*3050 Urban Design Studio Winter Only (LEC: 2, LAB: 4) [0.75]**

This course provides lectures and projects that emphasize the integration of design theory, skills and knowledge using site scale and urban design projects as examples

**Prerequisite(s):** LARC\*3040

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

## **LARC\*3060 Landscape Rehabilitation Design Studio Fall Only (LEC: 2, LAB: 4) [0.75]**

This course introduces students to regional and intermediate scale projects emphasizing conservation, development and rehabilitation of landscapes. Projects will focus on biophysical, cultural and visual resources as primary design determinants.

**Prerequisite(s):** LARC\*3050

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*3070 Urban and Community Design Studio Fall Only (LEC: 2, LAB: 6) [1.00]**

This course provides exercises in urban design and master planning to provide an understanding of the integrative design process that considers ecological, technological, socio-economic, human and aesthetic factors in the land development process. Projects focus on land planning, community design, urban design, and public engagement.

**Prerequisite(s):** LARC\*3060

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*3320 Principles of Landscape Ecology Fall Only (LEC: 3) [0.50]**

This course offers an integrated approach to understanding the functioning of landscapes during global climate change. The emerging theories, concepts and methodologies of landscape science and their application to landscape and environmental management will be discussed.

**Prerequisite(s):** LARC\*2100, LARC\*2240

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*3430 Introduction to Landscape Construction Winter Only (LEC: 2, LAB: 4) [0.50]**

This course provides lectures and studio exercises that integrate construction documentation with site design. The technical procedures needed to direct design implementation including layout, grading, utility design and plan preparation related to site preparation are also examined as part of the course content.

**Prerequisite(s):** LARC\*2410

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*3440 Landscape Construction and Documentation Fall Only (LEC: 2, LAB: 4) [0.75]**

This course covers the production of construction drawings, specifications, tenders, contract documents and cost estimates. There is an emphasis on digital tools and techniques in communicating construction documentation.

**Prerequisite(s):** LARC\*3430

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*3500 Independent Study Summer, Fall, and Winter (LAB: 6) [0.50]**

In this course each student establishes, in consultation with the faculty member chosen, the content of special study within the area of expertise of that instructor.

**Prerequisite(s):** LARC\*3040

**Restriction(s):** Instructor consent required.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4090 Seminar Winter Only (LEC: 3) [0.50]**

This course provides an integrated overview of professional issues involving practice, ethics, environmental concerns, government policy, research needs and professional responsibilities to society. Emphasis is placed on writing and oral presentations.

**Prerequisite(s):** LARC\*3070

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4510 Honours Thesis Fall Only (LEC: 3) [0.50]**

In this course, students will identify and select significant problems related to landscape architecture, and explore the scholarship related to problem identification and resolution. Students will use the knowledge and skills acquired in preceding courses to create an undergraduate thesis that emphasizes oral and written communication.

**Prerequisite(s):** LARC\*3060

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4610 Professional Practice Fall Only (LEC: 3) [0.50]**

This course includes lectures and assignments dealing with professional ethics, organizations, contract law and procedures, relationships with clients, contractors and professional practitioners, office procedure and professional promotion practices and trends in landscape architecture.

**Prerequisite(s):** LARC\*3050

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4620 Landscape Architecture Internship Summer, Fall, and Winter (LAB: 10) [1.00]**

Students will engage in a paid experiential learning opportunity working in a professional office. Students are mentored in aspects of landscape architecture practice by a registered Landscape Architect and the program coordinator. Students are required to submit weekly reports and two reflective work experience papers.

**Prerequisite(s):** LARC\*3060, LARC\*3440, LARC\*4610

**Restriction(s):** A minimum cumulative program average of 75% is required. Instructor consent required.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4710 Capstone Design Studio Winter Only (LEC: 2, LAB: 6) [1.00]**

Students are required to submit a project work plan, prepare professional quality design and presentation drawings, and make formal presentations. Students are encouraged to select problems that require an interdisciplinary approach that integrate skills and knowledge obtained in previous courses to produce a comprehensive final design project.

**Prerequisite(s):** LARC\*3070, LARC\*4510

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4730 Special Study in Landscape Architecture Summer, Fall, and Winter (LAB: 4) [0.50]**

This course is a faculty supervised independent study involving design competitions or other special projects and can be taught in either an individual or a group format.

**Prerequisite(s):** LARC\*3040

**Restriction(s):** Instructor consent required.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph

**LARC\*4740 Case Studies Summer, Fall, and Winter (LAB: 6) [0.50]**

Students participate in a case study supervised by a faculty member. Travel and field studies may be involved and may entail additional costs. Students are required to submit a major paper or project.

**Prerequisite(s):** LARC\*3040

**Restriction(s):** Instructor consent required.

**Department(s):** School of Environmental Design and Rural Development

**Location(s):** Guelph