

**DEPARTMENT OF
LANDSCAPE ARCHITECTURE
UNIVERSITY OF MANITOBA
STUDENTS MANUAL 2024-2025**

Available in alternate formats upon request

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INTRODUCTION

This manual is intended to familiarize new and already enrolled students with the operation of the Department of Landscape Architecture and the Master of Landscape Architecture (MLA) program. It is intended primarily for MLA students and students in the Landscape + Urbanism (L+U) Option of the Environmental Design (ED) program. Potential applicants to the MLA program and Master of Landscape Architecture degree (M.LArch) may also find it helpful. The manual complements the material on the [Department website](#) and should be read in conjunction with the following two documents:

- The Department of Landscape Architecture's [Thesis / Practicum Guidelines](#)
- The Faculty of Graduate Studies' [Supplementary Regulations/Landscape Architecture](#)

The Department of Landscape Architecture is a graduate department in the [Faculty of Architecture](#) at the University of Manitoba (U of M). The Faculty has three other graduate programs: Architecture, City Planning, and Interior Design. The Faculty also has a four-year undergraduate program in Environmental Design, in which the graduate departments teach the third and fourth years.

The MLA program is accredited by the Canadian Society of Landscape Architects ([CSLA](#)), which has reciprocal recognition from the Landscape Architecture Accreditation Board ([LAAB](#)) in the United States. Completing a program accredited by the CSLA / LAAB qualifies graduates to sit the North America-wide Landscape Architecture Registration Exam ([LARE](#)), the North America-wide qualification for professional registration. Graduates with an accredited degree plus two years in practice have been required to pass all four sections of the LARE for professional registration with the Manitoba Association of Landscape Architects ([MALA](#)), a component of the CSLA.

The most recent accreditation review of the MLA program was conducted in May 2021. It resulted in the MLA program's full six-year accreditation. In 2024, CSLA extended the program's full accreditation status to February 2028.

Students admitted to the program must have a four-year baccalaureate degree with a minimum Grade Point Average (or equivalent) of 3.0 from a university recognised by the Faculty of Graduate Studies (FGS). As of Fall 2024, there are two categories of students admitted to the MLA Program:

- M1 Students with a degree other than a University of Manitoba's Bachelor of Environmental Design (Landscape+ Urbanism option) or a Bachelor of Landscape Architecture (BLA) from another university. M1 students are admitted to the first year of the MLA program.

- M2 Students with a University of Manitoba’s Bachelor of Environmental Design (Landscape+ Urbanism option) or a Bachelor of Landscape Architecture from another university. M2 students are admitted to the second year of the MLA program.

1: OPERATION OF THE DEPARTMENT

1.1: REGISTRATION

Graduate students in the Faculty of Architecture are required to register [online](#). The department website has a full listing of required courses for the 2024-2025 academic year. Advice on registration and other program-related issues can be obtained from the [Graduate Program Student Advisor](#).

All students MUST register in each term – Fall, Winter and Summer – until they graduate, and ALL graduate students MUST take the online courses GRAD 7300: Research Integrity and GRAD 7500: Academic Integrity Tutorial in their first term.

1.2: FACILITIES AND RESOURCES

Each MLA student can claim a desk space in the Landscape Architecture studio on the south side of the 300 level of the Russell Building. Under current arrangements, graduate students in the Faculty are entitled to a studio space for 12 calendar months after completing their final required studio. Lockers are available in the studio on a first-come, first-served basis.

Students are responsible for purchasing all equipment and supplies necessary to carry out studio and coursework. [Appendix B](#) includes recommendations for equipment and supplies for students entering the MLA program. It also includes the mandatory computer purchase policy with details for students entering the MLA Program.

The [Faculty Library](#) is on the 200 level of the Russell Building. The [Product Catalogue Library](#) is on the 200 level of the Architecture 2 Building. The Computing Laboratories ([CADLab](#)) are on the 100 level of the Architecture 2 Building. The [Workshop](#) and Fabrication Laboratory ([FabLab](#)) are on the lower level of the Russell Building. Attendance at a workshop orientation session is obligatory for incoming MLA students and returning students who have been out of the Faculty for more than a year. Sessions will be organised by Kellen Deighton, the Workshop Coordinator. Please refer to each website to obtain information on the opening hours of all Faculty facilities.

1.3: COMMUNICATIONS

All students must set up their U of M computer account ([UMnetID](#)). This account provides students with a University of Manitoba email address, access to the wireless network, computer labs, printing, and other online services.

All official correspondence will be sent to your U of M email address, and it is your responsibility to monitor and maintain this account. ALL communication with University instructors and administrators MUST be conducted via students' University of Manitoba email addresses.

Students **MUST** check their email regularly and check the Faculty's [event announcements](#), the Department's [event schedule](#), and the Bulletin Boards in the studio and in common areas in the Russell Building for information regarding courses and special events.

1.4: ACADEMIC ADVISORS

All incoming MLA students are allocated a department faculty member as an Academic Advisor. Students may choose to remain with that Advisor for their Thesis / Practicum and other academic matters or elect to change to another Advisor whose academic interests may be more closely aligned with their own interests. Once a student agrees to change to a new Advisor and/or to change Committee members, they must inform the Head of the Department, their original Advisor and the Graduate Student Advisor for the Department. A form for doing this is appended to the Department of Landscape Architecture's [Thesis / Practicum Guidelines](#) and must be submitted to the [Graduate Student Advisor](#).

All graduate students must complete, in consultation with their Academic Advisor, an online [Advisor-Student Agreement](#) regarding the respective parties' responsibilities.

1.5: FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

Each year, a limited number of University of Manitoba Graduate Fellowships ([UMGF](#)) are allocated to incoming students in the MLA program. Awards are generally subject to achieving a minimum Grade Point Average (GPA) of 3.75 in the last two years of study. Students do not apply for this award, and the Faculty of Graduate Studies will notify the award recipients via email with an official letter. The number of awards offered is subject to funding availability.

Several other grant or scholarship opportunities are sponsored by private foundations and endowments. Students should search the listings on the University Website for opportunities that may apply to their situation or area(s) of research interest.

Students should be aware of the following [scholarships, fellowships, and awards](#) that are available to full-time MLA students. Details of these awards are on the Faculty of Architecture website [awards database](#).

Faculty-wide awards and bursaries that require application:

- Allan Waisman Aboriginal Architecture Scholarship
- Barbara Humphreys Memorial Graduate Scholarship in Architecture
- Canadian Masonry Research Institute Scholarship
- Fridrik Kristjansson Scholarship in Architecture
- Maxwell Starkman Scholarship in Architecture
- Faculty of Architecture Emergency Bursary

Department-specific awards and prizes that require application:

- Alexander E. Rattray Scholarship in Landscape Architecture
- Carl R. Nelson Travelling Fellowship in Landscape Architecture
- Charles H. Thomsen Scholarship in Landscape Architecture
- Department of Landscape Architecture Graduate Fellowship
- Manitoba Association of Landscape Architects Fellowship in Landscape Architecture
- Ted McLachlan Community Engagement Scholarship
- Joys of Landscape Prize

Awards, bursaries, and prizes that do not require application

- Alexander E. Rattray Scholarship in Landscape Architecture
- Barkman Concrete Scholarship (not offered this academic year)
- Canadian Society of Landscape Architecture Student Award of Merit
- Corrigill Scholarship
- Faculty of Architecture Endowed Scholarship
- Landscape Architecture Entrance Scholarship
- Manitoba Association of Landscape Architects Fellowship in Landscape Architecture
- Price Industries Limited Faculty of Architecture Recruitment Award
- Alison Scott Bursary
- Faculty of Architecture Endowed Bursary
- Frank and Marjorie Silver Bursary

- John A. Russell Alumni Bursaries
- ARCC/King Student Medal
- Landscape Architecture Thesis Prize
- Manitoba Association of Landscape Architects Medal

Students in the advanced study may [apply](#) for Teaching Assistant (TA) positions. These are posted on the [UM Recruitment website](#).

The Manitoba Association of Landscape Architects ([MALA](#)) gives an Annual Book Award to the student with the highest academic standing in each year of the program, and a gold medal is awarded each year to the graduating student with the highest GPA. The Canadian Society of Landscape Architects ([CSLA](#)) recognizes excellence in work by students in CSLA-accredited programs through a competitive jury-based awards process. Each year, the [CSLA Student Award of Excellence](#) is juried by prominent professionals, and the winning projects in the Thesis /Practicum and Studio project categories are honoured at the annual CSLA National Congress, coinciding with the professional [CSLA Awards of Excellence](#) Celebration.

The Department awards a Thesis / Practicum Prize each year to the graduating student who has submitted the most accomplished Thesis / Practicum during the preceding 12 months. Awardees are listed on the departmental website under [Master of Landscape Architecture student work](#). It should be noted that, in addition to the Faculty of Graduate Studies submission requirements, departmental regulations require students to submit one (1) bound copy (not coil bound) of their Thesis/Practicum final document with either a hard or soft cover (or proof of order) of their Thesis/Practicum final document to the Department of Landscape Architecture before they are allowed to graduate. Students must provide all committee members with bound copies of their work unless they indicate otherwise.

1.6: SPEAKERS AND EVENTS

The overview of events scheduled at the Department of Landscape Architecture is annually posted on the [department](#) website. It can be retrieved by clicking on the “Department events” box for the current academic year.

The Faculty Cultural Events Committee sponsors speakers and other events throughout the year. Notices are posted as early as possible for these [events](#), and students are strongly encouraged to attend.

1.7: ANNUAL EXHIBITION OF STUDENT WORK

Students are reminded that they are expected to retain work for the presentation for the year-end exhibition each April and that they are expected to be available to help with the exhibition's preparations and set-up.

1.8: REGULATIONS

Students must familiarise themselves with the University of Manitoba's [Academic Calendar](#) and in particular the sections covering:

- General Academic Regulations and Policy Governing: Attendance, Cheating and Plagiarism, Debarment, Incomplete Work, Deferred Examinations, Appeals, Probation and Academic Suspension, Voluntary Withdrawal from Programs and Courses and Hold Status
- Regulations for Graduate Student Academic Performance
- Faculty of Architecture Regulations and Coursework Requirements
- University of Manitoba Policy on the Responsibilities of Academic Staff with Regard to Students (ROASS) and, in particular, Responsibilities of Academic Staff, Sexual Harassment, University Ombudsman, Student Advocate.

Undergraduate students refer to the University of Manitoba's [Undergraduate Academic Calendar](#). Graduate students refer to

- The University of Manitoba's [Graduate Academic Calendar](#)
- The Faculty of Graduate Studies' [Supplementary Regulations/Landscape Architecture](#)
- The Faculty of Graduate Studies' [Thesis and Practicum Guidelines](#)
- The Department of Landscape Architecture's [Thesis/Practicum Guidelines](#).

All documents can be viewed on the respective websites.

1.9: READING LISTS

Reading Lists are issued by instructors for each individual course. General introductory and/or reference books that incoming students might find helpful include:

- Ching, Francis [Frank] D. (2014 – Fourth Edition). *Architecture: Form, Space, and Order*. Hoboken, NJ: John Wiley and Sons.
- Ching, Francis [Frank] D. and Juroszek, Steven (2010 – Second Edition). *Design Drawing*. Hoboken, NJ: John Wiley and Sons.

- Corner, James (2014). *The Landscape Imagination: The Collected Essays of James Corner 1990-2010*. New York: Princeton Architectural Press.
- Dee, Catherine (2012). *To Design Landscape: Art, Nature and Utility*. New York and London: Routledge.
- Entwistle, Trudi and Knighton, Edwin (2013). *Visual Communication for Landscape Architecture*. London: AVA Publishing / Bloomsbury.
- Girot, Christopher (2016). *Thinking the Contemporary Landscape*. New York: Princeton Architectural Press.
- Hutchison, Edward (2011). *Drawing for Landscape Architecture: Sketch to Screen to Site*. London and New York: Thames & Hudson.
- Jackson, J. B. (1996). *A Sense of Place, a Sense of Time*. New York: Yale University Press.
- Jellicoe, Susan and Geoffrey (1995 – Third Edition). *The Landscape of Man*. London: Thames and Hudson.
- Schenk, Leonard (2013). *Designing Cities: Basics – Principles – Projects*. Basel, Boston, Berlin: Birkhäuser.
- Simonds, John Ormsbee and Starke, Barry (2006 – Fourth Edition). *Landscape Architecture: A Manual of Land Planning and Design*. New York: McGraw Hill Professional.
- Thompson, George F. and Steiner, Frederick R. (2016). *Nature and Cities: The Ecological Imperative in Urban Design and Planning*. Cambridge, Mass: Lincoln Institute of Land Policy.
- Tsing, Anna; Swanson, Heather; Gan, Elaine; Bubandt, Nils (Editors – 2017). *Arts of Living on a Damaged Planet*. Minneapolis: University of Minnesota Press.
- Vroom. Meto J. (2006). *Lexicon of Garden and Landscape Architecture*. Basel, Boston, Berlin: Birkhäuser.
- Wall Kimmerer, Robin (2015). *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*. Minneapolis, MN: Milkweed Editions.
- Williams, Ron (2014). *Landscape Architecture in Canada*. Montréal and Kingston: McGill-Queen's University Press.

2: MLA COURSE STRUCTURE

The Design Studio is the core of the L+U and MLA programs. The fields of theory, ecology, history, technology and communications are taught in lecture courses and are developed and applied in the Design Studio.

Upon program entry, each MLA student receives a program of study that lists their required courses. As of Fall 2024, the MLA curriculum ranges from 39 credit hours (CHs) to 69 CHs for new incoming students. The MLA Program requirements are determined at registration in consultation

with the Head of Department and the Graduate Student Advisor.

Figure 1 (below) graphically displays the MLA curriculum for students entering the program in Fall 2024. Table 1 (below) verbally describes the MLA curriculum for students entering the program in Fall 2024.

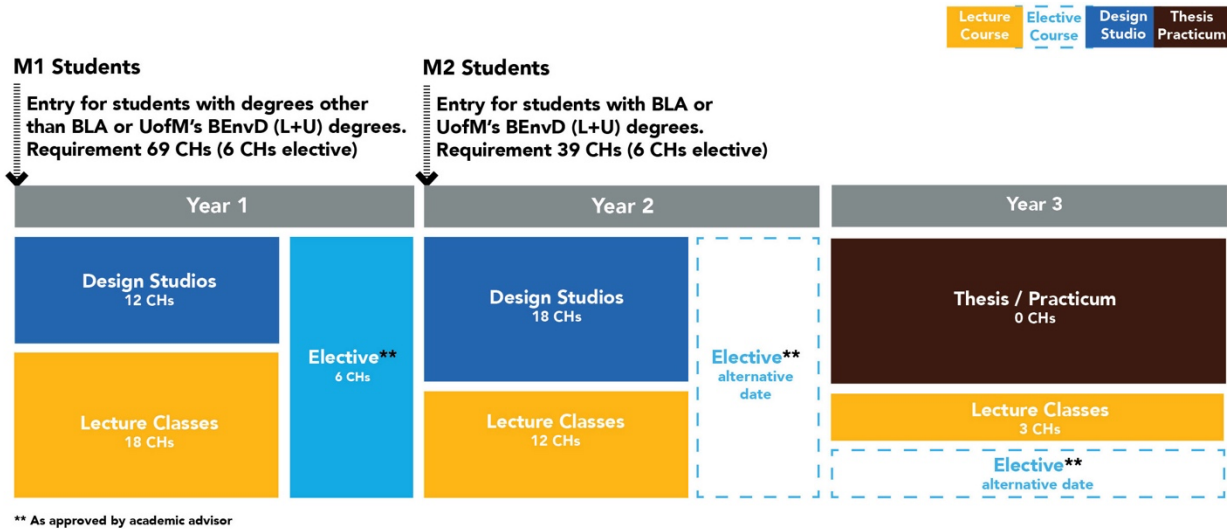


FIGURE 1: MLA PROGRAM STRUCTURE for students who enter in Fall 2024

The MLA curriculum comprises two required design studios of six credit hours and six required lecture courses of three credit hours in the first year of the program. In the second year, two required design studios of nine credit hours will be accompanied by four required lecture courses of three credit hours. In the final year, one required lecture course of three credit hours would be completed in addition to the practicum or thesis. All MLA students must also take six credit hours of elective courses, approved by their academic advisor. It is recommended that students take at most fifteen credit hours per Fall, Winter or Summer Term. Based on this, it is advised to take elective courses during the summer following the first year (or in the second or final year as an alternative date) to lighten the course load during the fall and winter terms. Students entering the program without a design background must take ARCG 7102 Intersession Studio (six credit hours) instead of elective courses before continuing to the second year.

TABLE 1: CURRICULUM OF MLA PROGRAM and required courses per entry level for students who enter in Fall 2024

COURSE NUMBER	COURSE NAME	CREDIT HOURS
MLA YEAR 1		
Entry Level for M1 Students without L+U or BLA		
EVLU 3004	<i>Ecology + Design 2</i>	3
EVLU 3012	<i>Site Morphology + Grading</i>	3
EVLU 4000	<i>Philosophy, Ethics and Aesthetics</i>	3
EVLU 4002	<i>Construction Materials</i>	3
EVLU 4008	<i>Plants, Ecosystems and Design</i>	3
EVLU 4016	<i>History of Landscape + Urbanism</i>	3
LARC 7510	<i>Studio 1</i>	6
LARC 7520	<i>Studio 2</i>	6
		30
MLA YEAR 2		
Entry Level for M2 Students with L+U or BLA		
LARC 7500	<i>Digital Mapping + Analytics</i>	3
LARC 7560	<i>LA Construction</i>	3
LARC 7250	<i>LA History + Theory</i>	3
LARC 7040	<i>Design Research</i>	3
LARC 7530	<i>Studio 3</i>	9
EVLU 7540	<i>Studio 4</i>	9
		30
MLA YEAR 3		
LARC 7570	<i>LA Practice</i>	3
GRAD 7000 / 7030	<i>Thesis / Practicum</i>	0
		3
ARCG 7102	<i>Intersession Studio* or other elective courses**</i>	6
GROSS TOTAL		69

* As required by the department head for students without a design background.

** As approved by academic advisor

3: APPLICATION TO MLA PROGRAM

Canadian students must apply for admission to the MLA program by 15 January and international students by 1 December. The Faculty of Graduate Studies requires these dates to ensure that applications can be processed in a timely manner. All applications must be made online. For more detailed information about applying to the program, explore the Faculty of Graduate Studies website for information on the [application](#) process. For unresolved questions on the registration process, please contact the [graduate student advisor](#). The Department Head, [Anna Thurmayr](#), is also available to answer questions about the MLA program.

It is advisable that ALL fourth-year L+U students—whether intending to apply to the MLA program or not—begin building a portfolio of their Design Studio work starting from the first project. This portfolio will be an important component of the application submission for graduate school or subsequent job applications.

4: COST PARAMETERS

TUITION

MLA students must register and pay tuition fees each term (Fall, Winter, and Summer Term). As of fall 2024, all full-time students entering the MLA program pay the following [tuition fees](#):

Year 1: Program Fee (Fall Term) + Program Fee (Winter Term) + Continuing Fee (Summer Term)

Year 2: Program Fee (Fall Term) + Program Fee (Winter Term) + Continuing Fee (Summer Term)

Year 3 and until completion: Continuing Fee (Fall Term) + Continuing Fee (Winter Term) + Continuing Fee (Summer Term).

An official summary of your tuition and fees will be posted in the Aurora student account each term. To check their current balance, students log in to Aurora and select "Enrolment & Academic Records," "Student Records," and "View Account Summary by Term."

OTHER COSTS

Table 2 (below) gives a broad estimate of costs on a year-by-year basis in addition to tuition. For example, field trip fees are listed under Field Studies. However, additional costs may apply, such as travel or accommodation.

TABLE 2: BROAD ESTIMATE OF COSTS ADDITIONAL TO FEES ON YEAR-BY-YEAR BASIS

COST ITEM	MLA YEAR 1	MLA YEAR 2	MLA YEAR 3
DATES	Sept to May / June	Sept to May / June	Sept to August
FIELD STUDIES		LARC 7530: \$900 LARC 7540: \$900 EVLU 4002: \$20	LARC 7570: \$35
BUDGET FOR PUBLICATIONS	\$700	\$500	\$500
SUPPLIES / PRINTING	\$3000	\$1800	\$1800
LAPTOP COMPUTER	\$2500		
COMPUTER SOFTWARE *	\$650	\$450	\$450
THESIS / PRACTICUM PRODUCTION			\$500

All dollars are given in Canadian dollars.

** All of the landscape software is free of cost except Adobe Creative Cloud and Rhino. Creative Cloud is about \$400 per year, and Rhino is a one-time cost of \$250. [Microsoft 365](#) (formerly known as Office 365) is available to all current students. It is a cloud-based service that provides online and desktop versions of Office along with collaboration applications and services like SharePoint, [OneDrive](#) and [Teams](#).*

5: DEPARTMENT ACADEMIC AND ADMINISTRATIVE STAFF

Students are encouraged to review the [Department of Landscape Architecture faculty](#) list for information on each faculty member's research interests and projects.

The Faculty of Architecture website provides the complete list of contact information for [faculty, sessional instructors, and administrative staff](#).

APPENDIX A: [MLA COURSE SUMMARIES](#)

REQUIRED COURSES AS APPROVED BY THE DEPARTMENT HEAD:

EVLU 3004 – ECOLOGY AND DESIGN 2

3 CREDIT HOURS

This course will focus on an examination of ecological and technological perspectives on the planning, design and making of the physical environment. This will include a meshing of prediction and advocacy concerning new models of sustainable urbanization, focusing on green technology and infrastructure. Key theories and their application to landscapes at varied scales will be considered along with salient literature, current issues, design precedents and potentials for creative expression and interpretation. Course EVDS 2200 is a pre-requisite for BED students.

EVLU 3012 – SITE MORPHOLOGY + GRADING

3 CREDIT HOURS

An examination of the means and methods used to create landscapes that are shaped by earthwork grading. This will include the study of the forces, principles, and techniques in the modelling and manipulation of the ground plane and the resolution of cultural, ecological and hydrological design considerations implicit in landform design.

EVLU 4000 – PHILOSOPHY, ETHICS AND AESTHETICS

3 CREDIT HOURS

An examination of philosophical issues and debates regarding ethics and aesthetics, and their influence and potential upon urban design and urban form in the past and present, and to speculate upon the future.

EVLU 4002 – LANDSCAPE CONSTRUCTION MATERIALS

3 CREDIT HOURS

A comprehensive introduction to construction materials, methods and processes. Examination of regulatory issues of human safety and techniques for communicating construction proposals with application to how this information is incorporated into contracts. Field trips to nurseries, quarries, lumber yards, and urban sites where students can observe materials transformed to comply with the requirements of designers. Course EVLU 3012 is a pre-requisite for ED students.

EVLU 4008 – PLANTS, ECOSYSTEMS AND DESIGN

3 CREDIT HOURS

The examination of cultural and technical aspects of designing with plants will be explored in an urban context through field investigations, lectures, seminars and assignments. Issues of plant identification, planting design types, their application to contemporary landscape architecture, technical requirements, planting details and ecological integration in the urban environment will be included.

EVLU 4016 – HISTORY OF LANDSCAPE AND URBANISM

3 CREDIT HOURS

An historical survey of human-made landscapes and urban settlement form, patterns, and types, including major themes and movements. Course EVLU 3000 is a pre-requisite.

LARC 7040 – DESIGN RESEARCH

3 CREDIT HOURS

Seminar-based course that introduces a variety of approaches to the collection, evaluation, and application of data pertinent to the development of design-based responses to a wide range of landscape, environmental, and social issues

LARC 7250 – LA HISTORY + THEORY

3 CREDIT HOURS

An investigation of seminal theories in landscape architecture from the 19th to the 21st century through the careful interpretation of built works from diverse geographies and social conditions. The course examines the expanding field of theory and practice through shifts in representation, design methodologies, approaches to site, cultural and ecological processes, spatial configuration, and material practices.

LARC 7500 – DIGITAL MAPPING + ANALYTICS

3 CREDIT HOURS

A course designed to prepare students to engage in the investigation and measurement of spatial variables, be it land, water, culture, ecology, or even virtual spaces. The course establishes the foundational expertise for digital mapping (such as GIS and earth observation) and analytics through data, algorithmic thinking, and cartographic design.

LARC 7510 –STUDIO 1

6 CREDIT HOURS

An introductory design studio that reviews the concepts, methods, tools, and techniques supporting the landscape design process. Particular attention is given to spatial literacy, site inventory and analysis, site planning, schematic site design, and the representation of design ideas. May not be held with the former LARC 7110.

LARC 7520 – STUDIO 2

6 CREDIT HOURS

An intermediate design studio that investigates the multidimensional context within which landscape architecture operates. It situates individual creative expression within the nexus of social-cultural, environmental, and programmatic expectations that characterizes community-based projects. The course also introduces the multi-disciplinary collaborative approach demanded by contemporary landscape architecture practice. May not be held with the former LARC 7222.

LARC 7530 – STUDIO 3

9 CREDIT HOURS

Studio-based study and analysis of design issues resulting from human use, responses to, and adaptation of areas and sites. Development of proposals for planning of context and proposals for site specific design interventions that mediate between intrinsic site qualities and human demands and expectations of them in that particular locale.

LARC 7540 – STUDIO 4

9 CREDIT HOURS

Studio-based study and analysis of resource conservation and other issues resulting from human demands on the natural environment. Development of proposals for planning of context and proposals for regionally specific design interventions that seek to protect intrinsic regional qualities while accommodating reasonable human demands on them. Particular attention will be paid to detailed meso and macro scaled site resolution.

LARC 7560 LA CONSTRUCTION

3 CREDIT HOURS

Introduction, investigation, and fundamental exercises in detailed landscape design and construction documentation, including specifications and working drawings for landscape construction projects. May not be held with the former LARC 7002.

LARC 7570 – LA PRACTICE

3 CREDIT HOURS

Introduction, investigation, and fundamental exercises to facilitate student understanding of the roles, requirements, and expectations of landscape architects in professional practice. The course addresses the legal context and circumscriptions on professional practice; responsibilities concerning human health, safety, and welfare; professional ethics; the modus operandi of professional design organizations, including office and project management. May not be held with the former LARC 7002.

OPTIONAL ELECTIVE COURSES AS APPROVED BY THE ACADEMIC ADVISOR

ELECTIVES MAY BE COURSES WITHIN THE FACULTY AS LISTED BELOW OR COURSES AT THE 3000 LEVEL OR ABOVE OR ELSEWHERE IN THE UNIVERSITY

LARC 7020 – FIELD STUDIES

3 CREDIT HOURS

Field studies to Canadian or international locations and sites of specific interest to the discipline. Work during the visits will include presentation by students of previously prepared site introductions and the keeping of visual records in a variety of media with a view to preparing an exhibition of their findings.

LARC 7120 – SPECIAL TOPICS IN LANDSCAPE ARCHITECTURE

3 CREDIT HOURS

An assignment and conference course. A detailed study of some special topics in landscape architecture, including environmental sustainability, urban landscape technology, and housing form.

LARC 7160 – LANDSCAPE ARCHITECTURAL FIELD ECOLOGY (NOT OFFERED)

3 CREDIT HOURS

Field study of plant taxonomy and ecology. Approximately two weeks' duration immediately prior to the beginning of Fall term. For Landscape Architecture students or with consent of Department Head.

LARC 7310 – LANDSCAPE DESIGN SEMINAR 1

3 CREDIT HOURS

A cross-cultural overview of significant discourses with an emphasis on the influence of critical design inquiry upon specific landscape interventions.

LARC 7320 – LANDSCAPE DESIGN SEMINAR 2

3 CREDIT HOURS

An examination of the means by which ideas are expressed in and through design with a focus on modes of communication, representation and engagement.

LARC 7400 – LANDSCAPE TOPICS

(ELECTIVE COURSE FOR STUDENTS WHO ENTERED THE PROGRAM IN FALL 2023 OR LATER)

3 CREDIT HOURS

A critical examination of an individual topical study of relevance to contemporary landscape architecture. Students may take the course more than once for credit if the sub-topic differs. Course graded pass/fail.

ARCG 7102 – INTERSESSION STUDIO

(AS REQUIRED BY THE DEPARTMENT HEAD FOR STUDENTS WITHOUT A DESIGN BACKGROUND)

6 CREDIT HOURS

A detailed studio study of some special topics in architecture, city planning, landscape architecture or interior design.

APPENDIX B: SUPPLIES AND EQUIPMENT

This Appendix contains relevant excerpts from requirements for all students entering the ED2 Year. It is provided here on an advisory basis for students entering the first year of the MLA program.

DRAWING AND PHOTOGRAPHIC SUPPLIES

Students are encouraged to bring any art, drafting, or general office supplies (eg. staplers, hole punchers, erasers, pens, pencils, cutting knife & blades) they already own. The University Bookstore assembles complete packages of the equipment and supplies needed to set up a studio. The Faculty consults with the Bookstore to ensure quality equipment at competitive prices for students in the Faculty of Architecture.

The ED Studio One Kit costs approximately \$650 and represents a +/- 40% discount from the list price on the items if they were to be sold separately. Some other “pick-up items” are listed that are not part of the kit. The “pick-up items”, which are also discounted, must be purchased separately from the kit. The total cost of equipment and supplies (including the discounts) for the ED Studio is approximately \$900, EXCLUDING the camera cost, which many students may already have. Students should wait to decide on a camera, if they do not already have one, until after they start their courses.

PICK-UP ITEMS (in addition to the Drafting Kit Lists given below):

- technical pen set or disposable pens (sizes 0.3, 0.5, 0.7 mm)
- drafting lamp
- drawing board (there are several options) - bring one from home 30" x 42" x 3/4" plywood board (one good smooth side) OR buy a 30" x 42" drafting board from a drafting supply store (not particle board) OR buy a 30" x 42" plywood board in the workshop when classes begin OR buy a used board (check the bulletin boards in the Faculty). If you only bring or purchase the plywood and not a fully assembled drawing board, you will also need to purchase a Vinyl Board Cover (“Borco”) and Mayline 42" Parallel Rule
- Moleskine brand dot grid sketchbook
- model-making equipment as required for specific assignments
- First Aid Kit – small basic kit

ENVIRONMENTAL DESIGN PROGRAM DRAFTING KIT:

Students should access the [Environmental Design](#) Program website and click on the “Supply List” box in order to retrieve information for the current academic year.

SITE SAFETY EQUIPMENT

for construction site visits:

- hard hat
- steel toe boots
- site safety glasses
- high-visibility vest

Student groups can borrow hard hats and high-visibility vests from the Faculty of Architecture’s [Workshop](#). This requires advance booking and signing, as well as picking up and dropping off for the group. Individual hard hats and vests will not be loaned out.

CAMERA PURCHASE

Photography is a standard method of recording information and documenting projects in studio courses. There is a wide range of options, brands, and prices. You will require a digital camera that meets minimum requirements as outlined on the website. Students should access the [Environmental Design](#) Program website and click on the “Camera Requirements” box in order to retrieve information for the current academic year.

The CADLab has several lenses that can be borrowed by students. Their [inventory](#) is listed on the CADLab website.

Cameras can be purchased new, used (in camera stores, newspaper classifieds or on Internet auction sites), or rented from specialist stores. If you are uncertain about what to buy, or do not live in an area with a competitive camera market, we suggest you purchase your camera in Winnipeg. If you need digital camera features and specifications information, you can check the websites: www.imaging-resource.com, www.dpreview.com, or telephone the contacts below.

There are several camera shops in Winnipeg if you are purchasing new equipment. Most of them offer the standard brands – Canon, Nikon, Olympus, Pentax, and Sony – and are competitive in price. We suggest you do price comparisons and purchase from a dealer who seems knowledgeable about the product (operation, warranty, flexibility) and will provide good follow-up service.

CAMERA STORES

Photo Central, 957 Portage Avenue Telephone: 204 774

4343 Contact: Andrew Toews or Chris Insull

Andrew or Chris will advise individuals on a one to one basis or in small groups, concerning camera purchase to suit personal long-term needs. They provide good follow-up service.

Call before you go and identify yourselves as Faculty of Architecture students. They also carry second hand equipment.

Don's Photo, 1839 Main Street Telephone: 204 942 8335

379 Broadway Telephone: 204 942-3143

Henry's Winnipeg, 1580 Kenaston Blvd., Unit 120 Telephone: 204 477-0000

Stores such as London Drugs, Best Buy, and Future Shop also sell cameras, but not necessarily by experienced photographers.

COMPUTER PURCHASE

Students should access the Department of Landscape Architecture [website](#) and click the "Laptop and Software Requirements" box to retrieve information for the current academic year.