MLA CURRICULUM DESCRIPTION + GUIDE

CONTENTS:
Introduction
MLA I Track (3 years) – for students with no background in landscape architecture or architecture
MLA II Track (2 years) – for students with a previous degree in landscape architecture or architecture

DEFINITIONS:
Required Course: Student is required to take this course to fulfill degree requirements. Waivers are allowed for some required courses but not all. See Graduate Program Advisor for approval of waivers.

Selective Credits: Student is required to take credits in the specific topic area to fulfill degree requirements. For selective credits, there is a Department Recommended Course which will meet the topic area requirements, however Approved Alternative courses may be substituted. For each topic selective, a list of Approved Alternative courses is provided if the student does not wish to or is unable to take the Department Recommended Course. For approval of courses not listed, see the Graduate Program Advisor.

Open Elective: Student may take any course offered at UW. Note: only courses 400-level and above may be used to fulfill degree requirements.

IMPRESSANT CONTACTS + RESOURCES
Graduate Program Advisor: Julie Parrett, Senior Lecturer parrettj@uw.edu
Counseling Services Coordinator: JoAnne Edwards slocan@uw.edu
Department Chair: Ken Yocom, Associate Professor kyocom@uw.edu
Department Website: larchwp.be.washington.edu/
Department Forms + Guides: larch.be.uw.edu/resources/students/
UW Course Catalog: washington.edu/students/crscat/
UW Time Schedule: washington.edu/students/timeschd/

DISCLAIMER:
The department reserves the right to create new or adjust existing procedures and policies based on current conditions.
INTRODUCTION

Within the professional MLA curriculum at the University of Washington there are two tracks. The MLA I track is a first professional degree and the MLA II track is for students with a previous professional degree and/or significant professional experience in either Landscape Architecture or Architecture. Each student is assigned to a track based on their educational and professional experience background and through negotiation with the Graduate Program Advisor (GPA).

The MLA curriculum is structured into two components – Basic Graduate and Advanced Graduate. Typically, MLA I track students (students with other educational backgrounds) begin with the Basic Graduate curriculum while students in the MLA II track (students with a previous degree in landscape architecture or architecture) begin their coursework with the Advanced Graduate curriculum.

Students with previous graduate-level coursework or professional experience may be approved to enroll in more advanced courses to substitute for some of the requirements, or in some cases have the requirement waived. **No more than 12 credits of Advanced Graduate curriculum may be waived during the program.** The Graduate Program Advisor determines approval, and formal paperwork must be signed and recorded.

In order to meet UW Graduate School requirements, students must have successfully completed a minimum of 72 credit hours of 400-level and above coursework. However, the professional MLA program curriculum requires a greater number of credits to fulfill degree requirements. Only 400-level and above courses can be used for credits applied to the MLA degree. Students can tailor their degree with the 12 credits of open electives (at 400+ level) to an area of specialization based on the student's individual interests. This encourages students to deepen their knowledge in a particular area, while maintaining flexibility for each individual.

In general, the curriculum is sufficiently flexible to fit each student's specific academic and professional background. Each student must meet with the Graduate Program Advisor (GPA) during their first quarter after entering the program to determine specifically for them which course requirements may be waived and which courses must be taken to earn their MLA degree. **Any changes to the typical course requirements after the first quarter must go through the Curriculum Petition Process – see Waiver of Required Courses in the MLA Program Guidelines for details.**

Students should refer to the MLA Program Guidelines for additional details about curriculum requirements.

The Curriculum is divided into 9 topics areas. Curriculum descriptions and requirements are listed per topic area.

- Studios
- History + Theory
- Media
- Construction
- Plants
- Professional Practice
- Law, Policy or Finance
- Open Electives
- Capstone
[ MLA I ] CURRICULUM DESCRIPTION

students with no previous degree in Landscape Architecture or Architecture

Some requirements may shift based on previous academic and/or professional experience. Students should meet with the Graduate Program Advisor in their first quarter in the program to determine specific curriculum requirements for each student.

Students should see Graduate Program Advisor for approval of all course waivers. For topic selective credits, students may select from the listed Approved Alternatives or with approval of the Graduate Program Advisor may select a course (400-level +) from any department in the University in the selective topic.

STUDIO

42 credits required

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LARCH 301 Design Foundations Studio</td>
<td>Autumn</td>
<td>6 cr</td>
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<tr>
<td>LARCH 302 Urban Systems Studio</td>
<td>Winter</td>
<td>6 cr</td>
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<tr>
<td>LARCH 303 Ecological Systems Studio</td>
<td>Spring</td>
<td>6 cr</td>
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<tr>
<td>LARCH 50(x) Advanced Studio</td>
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<td>LARCH 50(x) Advanced Studio</td>
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<tr>
<td>LARCH 50(x) Advanced Studio</td>
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<td>6 cr</td>
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<tr>
<td>LARCH 50(x) Advanced Studio or Wildcard Studio</td>
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<td>6 cr</td>
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BASIC GRADUATE STUDIOS

In the initial year of the program, students are required to take studios each term to fulfill the Basic Core Curriculum. The studios are sequential and should be taken in order as they are offered.

ADVANCED GRADUATE STUDIOS

In the advanced years of the program, students are required to take 4 approved Advanced Studio courses taken through the Department of Landscape Architecture.

Advanced Studios could be focused on such topics as Ecological Urbanism, Design Activism, Community Design, Landscape Urbanism, and Landscape + Art. Generally, two or three Advanced Studios are offered each term through the department. BE Studios in which one of the instructors is a LA faculty are considered LA Advanced Studios. Similarly, study abroad studios that are taught by LA faculty are considered LA Advanced Studios.

WILDCARD Studio Option | 6 cr

A Wildcard Studio may be substituted for one of the Advanced Studios. Wildcard studios are studio course taught through another department such as Architecture, Urban Design + Planning, or School of Art + Design (400-level +) or a BE Studio that is not taught by a LA faculty member. See Graduate Program Advisor for approval of Wildcard Studios.
HISTORY + THEORY
18 credits required

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<tr>
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<tr>
<td>LARCH 570 Theory and Scholarship</td>
<td>3 cr</td>
<td>Autumn</td>
</tr>
<tr>
<td>LARCH 598 Intro. to Faculty Research</td>
<td>1 cr</td>
<td>Spring</td>
</tr>
<tr>
<td>Built Environmental History Selective</td>
<td>5 cr</td>
<td></td>
</tr>
<tr>
<td>Socio-Political Dimensions of Design Selective</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>BioPhysical Ecology Selective</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>Research Methods Selective</td>
<td>3 cr</td>
<td></td>
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LARCH 570 THEORY AND SCHOLARSHIP | 3 cr
A required course for all MLA students, the objectives of this course are to examine the foundations to the leading edge of theory and scholarship within the field and discipline.

Waiver Requirements: Waivers are not allowed for this course.

LARCH 598 INTRODUCTION TO FACULTY RESEARCH | 1 cr
A required course for all MLA students, the objectives of this course are to familiarize the students with the faculty's areas of interest and the available resources and expertise in the Department in consideration for capstone options and topics.

Waiver Requirements: Waivers are not allowed for this course.

BUILT ENVIRONMENT HISTORY SELECTIVE | 5 cr
Each student is required to take a minimum of 5 credits in the topic area of built environment history.

Department Recommended Courses:
- LARCH 552 History of Landscape Architecture (5) credits offered annually: Autumn
- LARCH 553 History of Modern Landscape Architecture (5) credits offered annually: Winter
- LARCH 454 Urban Environmental Histories (5) credits offered bi-annually.

Approved Alternatives:
- URBDP 564 Planning History, Theory, & Ethics (3) credits
- URBDP 565 American Urban History (3) credits
- ARCH 442 Africa and Middle East Seminar (3) credits
- ARCH 445 South Asian Architecture I (3) credits
- ARCH 446 South Asian Architecture II (3) credits
- ARCH 452 History of Architecture in Seattle and Environ (3) credits
- ARCH 453/ART H 419 Japanese Architecture (3) credits
- ARCH 455/ART H 488 American Architecture (3) credits
- ARCH 457/ART H 491 Twentieth-Century Architecture (3) credits
- ARCH 458/ART H 494/JSIS A 433 Paris: Architecture & Urbanism (3) credits
- ARCH 459/ART H 493 Architecture Since 1945 (3) credits
- ARCH 541/ARCH 441 Visions of the Japanese House (3) credits
- ARCH 556 The Arts & Crafts Movement & It's Legacies (3) credits
- ARCH 558 Seminar in Twentieth-Century Architecture (3/5) credits
- ARCH 559 American Utilitarian Architecture (3) credits
- HSTAA 570 American Environmental History (5) credits

Updated 10/16/2018
SOCIO-POLITICAL DIMENSIONS OF DESIGN SELECTIVE | 3 cr
Each student is required to take a minimum of 3 credits in the topic area of social design.

Department Recommended Course:
   LARCH 561  Human Experience of Place  offered annually: Winter

Approved Alternatives:
   LARCH 598  Politics of Public Space (3) credits
   PSYCH 431/ESRM 431/ENVIR 431  Ecopsychology (5) credits
   URBDP 538  Public Health and Built Environment (2) credits + (1) credit Indep. study

BIOPHYSICAL ECOLOGY SELECTIVE | 3 cr
Each student is required to take a minimum of 3 credits in the topic area of biophysical ecology.

Department Recommended Course:
   LARCH 563  Ecological Design + Planning (3) credits  offered annually: Spring

Approved Alternatives:
   ESRM 441  Landscape Ecology (5) credits
   ESRM 433/SEFS 533  Airborne Lidar for Remote Sensing of Vegetation & Geomorphology (5) cr
   ESRM 447/FISH 447  Watershed Ecology & Management (3) credits
   ESRM 450  Wildlife Ecology & Conservation (5) credits
   ESRM 458  Management of Endangered, Threatened & Sensitive Species (5) credits
   ESRM 473  Restoration in North America (5) credits
   ESRM 474/SEFS 474  Restoration Problem Solving: Ecological Engineering (5) credits
   ESRM 478/BIOL 424  Plant Ecophysiology (5) credits
   ESRM 479  Restoration Design (5) credits
   SEFS 501  Forest Ecosystems - Community Ecology (5) credits
   SEFS 523  Environmental Applications of Plants: Bioenergy & Bioremediation (3) credits
   SEFS 525  Advanced Wildland Hydrology (4) credits
   SEFS 526  Seminar in Advanced Silviculture (3) credits
   SEFS 530  Introduction to Restoration Ecology (3-5) credits
   SEFS 541  Advanced Landscape Ecology (5) credits
   SEFS 567  Topics in Advanced Ecology (3-6) credits
   URBDP 598  Environmental Planning (3) credits
   AIS 475  Indigenous Sustainability & Tribal Culture (5) credits
RESEARCH METHODS SELECTIVE | 3 cr

Each student is required to take a minimum of 3 credits in the topic area of research methods.

Department Recommended Course:

LARCH 571  Landscape Architecture Research Methods (3) credits  offered annually: Spring

Approved Alternatives:

ARCH 567  Qualitative Research Methods (3) credits
ARCH 588  Research Practice (3) credits
CM 535  Research Methods in Construction (3) credits
CM 590  Research Methods in Construction Engineering (2) credits
URBDP 519  Qualitative Research Methods (3) credits
URBDP 520  Quantitative Methods in Urban Design and Planning (4) credits
GEOG 525/GEOG 425  Advanced Qualitative Methods in Geography (5) credits
GEOG 526/GEOG 426  Advanced Quantitative Methods in Geography (5) credits
FISH 560  Applied Multivariate Statistics for Ecologists (4) credits
SEFS 509  Analysis of Research Problems (3) credits
SOC WL 581  Qualitative Research Methods and Design (3) credits
**MEDIA**

*12 credits required*

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
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<tbody>
<tr>
<td>LARCH 411 Landscape Representation</td>
<td>Autumn</td>
<td>3 cr</td>
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<tr>
<td>LARCH 440 Digital Media I</td>
<td>Winter</td>
<td>3 cr</td>
</tr>
<tr>
<td>LARCH 441 Digital Media II</td>
<td>Autumn</td>
<td>3 cr</td>
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<tr>
<td>Media Selective</td>
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<td>3 cr</td>
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**LARCH 411 LANDSCAPE REPRESENTATION | 3 cr**

A required course for all MLA I students, the objectives of this class are to develop skills in hand graphics, composition and layout, documenting and conveying information about landscapes, introduction to Adobe Creative Suite (Photoshop, Illustrator, and InDesign) and Sketchup as design tools, and to learn basic conventions for representation in landscape architecture.

Waiver Requirement: demonstrated proficiency in hand graphics, measured drawings, communicating information, and basic proficiency in Adobe Creative Suite (Photoshop, Illustrator, InDesign) and Sketchup.

**LARCH 440 DIGITAL MEDIA I | 3 cr**

A required course for all MLA I students, the objectives of this class are to develop skills in the basic disciplinary digital programs for representation and design.


**LARCH 441 DIGITAL MEDIA II | 3 cr**

A required course for all MLA students, the objectives of this class are to continue development of skills in digital programs for representation and design. Students must have taken or waived LARCH 440 Digital Media I prior to taking LARCH 441. LARCH 441 should be taken prior to LARCH 433 Design Implementation.

Waiver Requirement (general): demonstrated proficiency in Rhinoceros 3D, Grasshopper and AutoCAD.

Waiver Requirements (for students in study abroad program in Autumn): Students who are unable to take LARCH 441 in sequence (second year for MLA I; first year for MLA II) because of participation in an autumn study abroad program may substitute LARCH 441 with an approved sequence of online courses. **Substitution with online courses is ONLY available to students who are abroad during autumn quarter AND who have been approved by the Graduate Program Advisor.**

The Graduate Program Advisor must approve all requests for waiver prior to the beginning of the autumn quarter. Following completion of the online courses, the student must submit a Curriculum Petition and evidence of completed courses/coursework to the Graduate Program Advisor. All costs and other requirements associated with taking online courses are the responsibility of the student. Detailed information for waiver requirements are available from the Graduate Program Advisor.

Required online courses and proficiency evidence:

- McNeel Level 1 - Intro to 3D Modeling with Rhinoceros 5 for Windows [24hrs (online) - 39 hrs (on demand)]
- McNeel Level 2 - Advanced 3D Modeling in Rhinoceros 5 for Windows (20hrs)
- McNeel Introduction to Grasshopper for Rhinoceros 5 for Windows (12 hrs)
- Required evidence of proficiency in AutoCAD.
MEDIA SELECTIVE | 3 cr

Each student is required to take a minimum of 3 credits in the topic area of media.

There is no specific Department Recommended Course for this topic area. Students should select a course from the list of Approved Alternatives.

Approved Alternatives:

- LARCH 495  Sketchbook for a Study Abroad Program (3 credits)
- ARCH 410  Introduction to Architectural Photography (3-5 credits)
- ARCH 413  Architectural Photography Projects (3) credits
- ARCH 415  Architectural Sketching (3) credits
- ARCH 418  Watercolor Drawing (3) credits
- ARCH 481  3D Modeling and Rendering (3) credits
- ARCH 482  Web Weaving (3) credits
- ARCH 487  Fundamentals of Building Information Modeling (BIM) (3) credits
- ARCH 527  Introduction to Digital Design and Fabrication (3) credits
- ARCH 528  Digital Design for Fabrication and Construction (3)
- ESRM 430  Remote Sensing of the Environment (5) credits
- GEOG 560  Principles of GIS Mapping (5) credits
- GEOG 517  Geographic Information and Spatial Analysis (5) credits
- GEOG 465/GEOF 565  GIS Database and Programming (5) credits
- SEFS 520  Geographic Information Systems in Forest Resources (5) credits
- SEFS 533/ESRM 433  Airborne Lidar for Remote Sensing of Vegetation & Geomorphology (5) credits
- SOC W 598  Digital Storytelling
- URBDP 404  Introduction to Geographic Information Systems (GIS) (3) credits
- URBDP 422  Urban and Regional Geospatial Analysis (5) credits
- URBDP 429/CEE 418  Computer-Aided Planning of Urban Systems
- URBDP 467  Urban Planning Uses of Remote Sensing (3) credits
- URBDP 504  Introduction to Geographic Information Systems (3) credits
- URBDP 522  Urban and Regional Geospatial Analysis (5) credits
- URBDP 573  Digital Design (4) credits
- URBDP 598  Data Visualization
CONSTRUCTION
12 credits required

- LARCH 331 Grading and Drainage  Autumn  3 cr
- LARCH 332 Materials, Craft, and Construction  Autumn  3 cr
- LARCH 433 Design Implementation  Winter  3 cr
- Soils/Hydrology Selective  3 cr

LARCH 331 GRADING AND DRAINAGE | 3 cr
A required course for all MLA I students, the objectives of this course are to provide basic proficiency in landform manipulation. LARCH 331 should be taken prior to LARCH 432 Urban Soils + Hydrology and LARCH 433 Design Implementation.

Waiver requirements: demonstrated proficiency in site grading and drainage concepts and documentation.

LARCH 332 MATERIALS, CRAFT, AND CONSTRUCTION | 3 cr
A required course for all MLA I students, the objectives of this course are to engage design criteria and construction techniques. LARCH 332 should be taken prior to LARCH 433 Design Implementation.

Waiver requirements: demonstrated proficiency in construction materials and methods including a clear understanding of material properties for common materials used in landscape.

LARCH 433 DESIGN IMPLEMENTATION | 3 cr
A required course for all MLA I students, the objectives of this course are to provide basic proficiency in AutoCAD and construction documentation. Students should complete LARCH 331 Grading and Drainage, LARCH 332 Materials, Craft, and Construction, and LARCH 441 Digital Media II prior to taking LARCH 433.

Waiver requirements: demonstrated proficiency in AutoCAD and construction documentation including plans, details, and specifications.

SOILS + HYDROLOGY SELECTIVE | 3 cr
Each student is required to take a minimum of 3 credits in the topic area of soils/hydrology.

Department Recommended Course:

- LARCH 432 Urban Soils + Hydrology (3) credits offered annually: Spring

  Students should complete LARCH 331 Grading and Drainage prior to taking LARCH 432.

Approved Alternatives:

- SEFS 507  Soils and Land Use Problems (4) credits
- SEFS 512  Biogeochemical Cycling in Soils and Forest Ecosystems (3) credits
- SEFS 515  Advanced Soil and Plant Analysis (3) credits, Even years
- SEFS 523  Environmental Applications of Plants: Bioenergy and Bioremediation (3) credits
- SEFS 525  Advanced Wildland Hydrology (4) credits
- ESRM 413  Soil Genesis and Classification (5) credits
- ESRM 426  Wildland Hydrology (4) credits
PLANTS
6-8 credits required

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Plant Identification Selective</td>
<td>3 – 5 cr</td>
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<tr>
<td>LARCH 424 Advanced Planting Design</td>
<td>Aut + Spr</td>
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<td></td>
<td>3 cr</td>
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PLANT IDENTIFICATION SELECTIVE | 3-5 cr
All MLA students are required to take 3 – 5 credits (depending on course selected) in the topic area of plant identification and process and organization of plant classification.

Waiver Requirements: employment in a nursery for at least 12 months and previous coursework on plant classification.

Department Recommended Course:
ESRM 331 Landscape Plant Identification (3) credits offered annually: Spring through Dept. of Environmental Science + Research Management, College of Environments

Approved Alternatives:
BIOL 317 Plant Classification and Identification (5) credits

LARCH 424 ADVANCED PLANTING DESIGN | 3 cr
A required course for all MLA students, the objectives of this class are to provide a fundamental knowledge of planting design, planting plants, and plant installation and management specifications. Students should complete their Plant Identification Selective prior to taking LARCH 424. LARCH 424 is typically offered in both the autumn and spring quarters, students may take the course either quarter.

Waiver Requirement: waivers are not allowed for this course.

PROFESSIONAL PRACTICE
3 credits required

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>LARCH 473 Professional Practice</td>
<td>Winter</td>
</tr>
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<td></td>
<td>3 cr</td>
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</tbody>
</table>

LARCH 473 PROFESSIONAL PRACTICE | 3 cr
A required course for all MLA students, the objectives of this class are to provide foundational knowledge for how the professional field is structured and operates.

Waiver Requirement: evidence of employment in a professional design office for no less than 12 months.
Updated 10/16/2018

LAW, FINANCE OR POLICY

3 credits required

Law, Finance or Policy Selective 3 cr

LAW, FINANCE OR POLICY SELECTIVE | 3 cr
Each student is required to take a minimum of 3 credits in the topic area of law, finance or policy with objectives that relate to the design or management of built environments.

Approved Alternatives:

- CM 500/ARCH 574 Design and Construction Law (3) credits
- CM 423 Construction Law (3) credits
- CM 540 Sustainable Construction (3) credits
- CM 545 Real Estate Development (3) credits
- URBDP 450 Introduction to Land Use, Growth Management & Environmental Planning (3) credits
- URBDP 526 Floodplain Management & Planning for Coastal & River Communities (3) credits
- URBDP 532 Current Topics in Transportation Planning & Policy (4) credits
- URBDP 536 Health Impact Assessment (2) credits + (1) credit independent study
- URBDP 549 Hazard Mitigation Planning (3) credits
- URBDP 550 Land Use, Growth Management & Environmental Planning (3) credits
- URBDP 553/RE 553 Urban Land Economics (4) credits
- URBDP 554/RE 513 Real Estate Finance and Investment (4) credits
- URBDP 557/RE 515 Real Estate Law (3) credits
- URBDP 560 Inequality, Governance, & Policy in the Metropolitan Region (3-4) credits
- URBDP 561/PUB POL 561 Urban Economics and Public Policy (3-4) credits
- URBDP 566 Infrastructure and Community Facilities (4) credits
- URBDP 577/RE 570 Real Estate Project Finance (3) credits
- URBDP 578 Real Estate Development (4) credits
- URBDP 580 Legal and Administrative Framework for Planning (3) credits
- URBDP 585 Introduction to Historic Preservation Planning (3) credits
- URBDP 586 Implementation in Preservation Planning (4) credits
- URBDP 587 Preservation and Vernacular Environment (3) credits
- RE 518 Best Practices in Sustainable Real Estate (3) credits
- ESRM 400 Natural Resource Conflict Management (3) credits
- ESRM 460 Power, Privilege & Preservation (5) credits
- ESRM 465 Economics of Conservation (3) credits
- ESRM 470 Natural Resource Policy and Planning (5) credits
- ESRM 485 Environmental Planning and Permitting in Practice (5) credits
- SEFS 571/PUB POL 592 Resource Policy and Administration (4) credits
- FISH 461 Resource Economics for Management and Policy (3) credit
- GEOG 467/LSJ 467 Law, Justice & the Environment (5) credits
- GEOG 474 Geography and the Law (5) credits
- GEOG 517 Geospatial Data Analysis (5) credits
- SMEA 476/ENVIR 476 Introduction to Environmental Law & Process (3) credits
- SMEA 511 Coastal Environment Management (3) credits
- SMEA 521 Climate Change Governance (3) credits
- SMEA 530 Development and the Environment (3) credits
- SMEA 537 Economic Aspects of Marine Policy (3) credits
- SMEA 585 Climate Impacts on the Pacific Northwest (4) credits
G H 511  Problems in Global Health (1-4) credits
LAW A 525  Water Law (4) credits
LAW A 527  Environmental Law (4) credits
LAW A 529  Public Land Law (3) credits
LAW A 540  Land Use Planning Seminar (3) credits
LAW A 542  Land Law and the Urban Environment (3) credits
LAW A 545  International Environmental Law (3-4) credits
LAW B 529  Advanced Environmental Law and Practice (1-4) credits
LAW B 581/LAW 481  Land, American Culture and the Law: Perspectives on the Use & Ownership of the Natural Environment (1-6) credits
LAW B 585  Natural Resources Law (1-4) credits
LAW B 593  Natural Resources Commons Property (3) credits
LAW B 594  Public Land Law Seminar (2-6) credits
LAW E 596  Wildlife Law Seminar (3) credits
LAW E 597  Global Warming and Justice Seminar (4) credits
LAW E 598  Climate Change Law (3-4) credits

OPEN ELECTIVES

12 credits required

OPEN ELECTIVES | 12 cr total
Each student is required to take a minimum of 12 credits total of open electives. Open Elective courses (400-level +) may be selected from any course offering in the University. Open Elective courses are not restricted to any topic area to provide flexibility for the student to pursue their individual interests.

CAPSTONE

12 credits required

Please see MLA Capstone Guidelines (available on the Department website) for details regarding options and credit sequencing.
[ MLA II ] CURRICULUM DESCRIPTION

students with a degree in Landscape Architecture or Architecture

Some requirements may shift based on previous academic and/or professional experience. Students should meet with the Graduate Program Advisor in their first quarter in the program to determine specific curriculum requirements for each student.

Students should see Graduate Program Advisor for approval of all course waivers. For topic selective credits, students may select from the listed Approved Alternatives or with approval of the Graduate Program Advisor may select a course (400-level +) from any department in the University in the selective topic.

STUDIO
24 credits required

<table>
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Advanced Studios could be focused on such topics as Ecological Urbanism, Design Activism, Community Design, Landscape Urbanism, and Landscape + Art. Generally, two or three Advanced Studios are offered each term through the department. BE Studios in which one of the instructors is a LA faculty are considered LA Advanced Studios. Similarly, study abroad studios that are taught by LA faculty are considered LA Advanced Studios.

WILDCARD STUDIO OPTION | 6 cr
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HISTORY + THEORY
18 credits required

LARCH 570 Theory and Scholarship | Autumn 3 cr
LARCH 598 Intro. to Faculty Research | Spring 1 cr
 Built Environmental History Selective | 5 cr
 Socio-Political Dimensions of Design Selective | 3 cr
 BioPhysical Ecology Selective | 3 cr
 Research Methods Selective | 3 cr

LARCH 570 THEORY AND SCHOLARSHIP | 3 cr
A required course for all MLA students, the objectives of this course are to examine the foundations to the leading edge of theory and scholarship within the field and discipline.

Waiver Requirements: Waivers are not allowed for this course.

LARCH 598 INTRODUCTION TO FACULTY RESEARCH | 1 cr
A required course for all MLA students, the objectives of this course are to familiarize the students with the faculty's areas of interest and the available resources and expertise in the Department in consideration for capstone options and topics.

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BUILT ENVIRONMENT HISTORY SELECTIVE | 5 cr
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- ARCH 459/ART H 493 Architecture Since 1945 (3) credits
- ARCH 541/ARCH 441 Visions of the Japanese House (3) credits
- ARCH 556 The Arts & Crafts Movement & It's Legacies (3) credits
- ARCH 558 Seminar in Twentieth-Century Architecture (3/5) credits
- ARCH 559 American Utilitarian Architecture (3) credits
- HSTAA 570 American Environmental History (5) credits
**SOCIO-POLITICAL DIMENSIONS OF DESIGN SELECTIVE | 3 cr**
Each student is required to take a minimum of 3 credits in the topic area of social design.

**Department Recommended Course:**
LARCH 561 Human Experience of Place

**Approved Alternatives:**
LARCH 598 Politics of Public Space (3) credits
PSYCH 431/ESRM 431/ENVI 431 Ecopsychology (5) credits
URBDP 538 Public Health and Built Environment (2) credits + (1) credit Indep. study

**BIOPHYSICAL ECOLOGY SELECTIVE | 3 cr**
Each student is required to take a minimum of 3 credits in the topic area of biophysical ecology.

**Department Recommended Course:**
LARCH 563 Ecological Design + Planning (3) credits

**Approved Alternatives:**
ESRM 441 Landscape Ecology (5) credits
ESRM 433/SEFS 533 Airborne Lidar for Remote Sensing of Vegetation & Geomorphology (5) cr
ESRM 447/FISH 447 Watershed Ecology & Management (3) credits
ESRM 450 Wildlife Ecology & Conservation (5) credits
ESRM 458 Management of Endangered, Threatened & Sensitive Species (5) credits
ESRM 473 Restoration in North America (5) credits
ESRM 474/SEFS 474 Restoration Problem Solving: Ecological Engineering (5) credits
ESRM 478/BIOL 424 Plant Ecophysiology (5) credits
ESRM 479 Restoration Design (5) credits
SEFS 501 Forest Ecosystems - Community Ecology (5) credits
SEFS 523 Environmental Applications of Plants: Bioenergy & Bioremediation (3) credits
SEFS 525 Advanced Wildland Hydrology (4) credits
SEFS 526 Seminar in Advanced Silviculture (3) credits
SEFS 530 Introduction to Restoration Ecology (3-5) credits
SEFS 541 Advanced Landscape Ecology (5) credits
SEFS 567 Topics in Advanced Ecology (3-6) credits
URBDP 598 Environmental Planning (3) credits
AIS 475 Indigenous Sustainability & Tribal Culture (5) credits
**RESEARCH METHODS SELECTIVE | 3 cr**

Each student is required to take a minimum of 3 credits in the topic area of research methods.

**Department Recommended Course:**
- **LARCH 571** Landscape Architecture Research Methods (3) credits, offered annually: Spring

**Approved Alternatives:**
- **ARCH 567** Qualitative Research Methods (3) credits
- **ARCH 588** Research Practice (3) credits
- **CM 535** Research Methods in Construction (3) credits
- **CM 590** Research Methods in Construction Engineering (2) credits
- **URBDP 519** Qualitative Research Methods (3) credits
- **URBDP 520** Quantitative Methods in Urban Design and Planning (4) credits
- **GEOG 525/GEOG 425** Advanced Qualitative Methods in Geography (5) credits
- **GEOG 526/GEOG 426** Advanced Quantitative Methods in Geography (5) credits
- **FISH 560** Applied Multivariate Statistics for Ecologists (4) credits
- **SEFS 509** Analysis of Research Problems (3) credits
- **SOC WL 581** Qualitative Research Methods and Design (3) credits
MEDIA

6 credits required

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<thead>
<tr>
<th>Course</th>
<th>Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LARCH 441 Digital Media II</td>
<td>Autumn</td>
<td>3 cr</td>
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<tr>
<td>Media Selective</td>
<td></td>
<td>3 cr</td>
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</table>

**LARCH 441 Digital Media II | 3 cr**

A required course for all MLA students, the objectives of this class are to continue development of skills in digital programs for representation and design. Students must have taken or waived LARCH 440 Digital Media I prior to taking LARCH 441. LARCH 441 should be taken prior to LARCH 433 Design Implementation.

Waiver Requirement (general): demonstrated proficiency in Rhinoceros 3D, Grasshopper and AutoCAD.

Waiver Requirements (for students in study abroad program in Autumn): Students who are unable to take LARCH 441 in sequence (second year for MLA I; first year for MLA II) because of participation in an autumn study abroad program may substitute LARCH 441 with an approved sequence of online courses. **Substitution with online courses is ONLY available to students who are abroad during autumn quarter AND who have been approved by the Graduate Program Advisor.**

The Graduate Program Advisor must approve all requests for waiver prior to the beginning of the autumn quarter. Following completion of the online courses, the student must submit a Curriculum Petition and evidence of completed courses/coursework to the Graduate Program Advisor. All costs and other requirements associated with taking online courses are the responsibility of the student. Detailed information for waiver requirements are available from the Graduate Program Advisor.

Required online courses and proficiency evidence:

- McNeel Level 1 - Intro to 3D Modeling with Rhinoceros 5 for Windows (24hrs (online) - 39 hrs (on demand])
- McNeel Level 2 - Advanced 3D Modeling in Rhinoceros 5 for Windows (20hrs)
- McNeel Introduction to Grasshopper for Rhinoceros 5 for Windows (12 hrs)
- Required evidence of proficiency in AutoCAD.
MEDIA SELECTIVE | 3 cr
A minimum of 3 credits is required for a media selective. Students may choose from the listed Approved Alternates or may select a course (400-level +) from any department in the University but requires approval by the Graduate Program Advisor.

Approved Alternatives:
- LARCH 495 Sketchbook for a Study Abroad Program (3 credits)
- ARCH 410 Introduction to Architectural Photography (3-5) credits
- ARCH 413 Architectural Photography Projects (3) credits
- ARCH 415 Architectural Sketching (3) credits
- ARCH 418 Watercolor Drawing (3) credits
- ARCH 481 3D Modeling and Rendering (3) credits
- ARCH 482 Web Weaving (3) credits
- ARCH 487 Fundamentals of Building Information Modeling (BIM) (3) credits
- ARCH 527 Introduction to Digital Design and Fabrication (3) credits
- ARCH 528 Digital Design for Fabrication and Construction (3)
- ESRM 430 Remote Sensing of the Environment (5) credits
- GEOG 560 Principles of GIS Mapping (5) credits
- GEOG 517 Geographic Information and Spatial Analysis (5) credits
- GEOG 465/GEOF 565 GIS Database and Programming (5) credits
- SEFS 520 Geographic Information Systems in Forest Resources (5) credits
- SEFS 533/ESRM 433 Airborne Lidar for Remote Sensing of Vegetation & Geomorphology (5) credits
- SOC W 598 Digital Storytelling
- URBDP 404 Introduction to Geographic Information Systems (GIS) (3) credits
- URBDP 422 Urban and Regional Geospatial Analysis (5) credits
- URBDP 429/CEE 418 Computer-Aided Planning of Urban Systems
- URBDP 467 Urban Planning Uses of Remote Sensing (3) credits
- URBDP 504 Introduction to Geographic Information Systems (3) credits
- URBDP 522 Urban and Regional Geospatial Analysis (5) credits
- URBDP 573 Digital Design (4) credits
- URBDP 598 Data Visualization
CONSTRUCTION
3 - 12 credits required

LARCH 331 Grading and Drainage  Autumn  3 cr
LARCH 332 Materials, Craft, and Construction  Autumn  3 cr
LARCH 433 Design Implementation  Winter  3 cr
Soils/Hydrology Selective  3 cr

LARCH 331 GRADING AND DRAINAGE  |  3 cr
A required course for all MLA I students, the objectives of this course are to provide basic proficiency in landform manipulation. LARCH 331 should be taken prior to LARCH 432 Urban Soils + Hydrology and LARCH 433 Design Implementation.

Waiver requirements: demonstrated proficiency in site grading and drainage concepts and documentation.

LARCH 332 MATERIALS, CRAFT, AND CONSTRUCTION  |  3 cr
A required course for all MLA I students, the objectives of this course are to engage design criteria and construction techniques. LARCH 332 should be taken prior to LARCH 433 Design Implementation.

Waiver requirements: demonstrated proficiency in construction materials and methods including a clear understanding of material properties for common materials used in landscape.

LARCH 433 DESIGN IMPLEMENTATION  |  3 cr
A required course for all MLA I students, the objectives of this course are to provide basic proficiency in AutoCAD and construction documentation. Students should complete LARCH 331 Grading and Drainage, LARCH 332 Materials, Craft, and Construction, and LARCH 441 Digital Media II prior to taking LARCH 433.

Waiver requirements: demonstrated proficiency in AutoCAD and construction documentation including plans, details and specifications.

SOILS + HYDROLOGY SELECTIVE  |  3 cr
Each student is required to take a minimum of 3 credits in the topic area of soils and hydrology.

Department Recommended Course:
LARCH 432  Urban Soils + Hydrology (3) credits offered annually: Spring
Students should complete LARCH 331 Grading and Drainage prior to taking LARCH 432.

Approved Alternatives:
SEFS 507  Soils and Land Use Problems (4) credits
SEFS 512  Biogeochemical Cycling in Soils and Forest Ecosystems (3) credits
SEFS 515  Advanced Soil and Plant Analysis (3) credits, Even years
SEFS 523  Environmental Applications of Plants: Bioenergy and Bioremediation (3) credits
SEFS 525  Advanced Wildland Hydrology (4) credits
ESRM 413  Soil Genesis and Classification (5) credits
ESRM 426  Wildland Hydrology (4) credits
PLANTS

6-8 credits required

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Plant Identification Selective</td>
<td>3 – 5 cr</td>
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<tr>
<td>LARCH 424 Advanced Planting Design</td>
<td>Aut + Spr</td>
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PLANT IDENTIFICATION SELECTIVE | 3-5 cr
All MLA students are required to take 3 – 5 credits (depending on course selected) in the topic area of plant identification and process and organization of plant classification.

Waiver Requirements: employment in a nursery for at least 12 months and previous coursework on plant classification.

Department Recommended Course:
ESRM 331 Landscape Plant Identification (3) credits offered annually: Spring through Dept. of Environmental Science + Research Management, College of Environments

Approved Alternatives:
BIOL 317 Plant Classification and Identification (5) credits

LARCH 424 ADVANCED PLANTING DESIGN | 3 cr
A required course for all MLA students, the objectives of this class are to provide a fundamental knowledge of planting design, planting plants, and plant installation and management specifications. Students should complete their Plant Identification Selective prior to taking LARCH 424. LARCH 424 is typically offered in both the autumn and spring quarters, students may take the course either quarter.

Waiver Requirement: waivers are not allowed for this course.

PROFESSIONAL PRACTICE

3 credits required

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<tr>
<th>Course</th>
<th>Winter</th>
<th>3 cr</th>
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<tr>
<td>LARCH 473 Professional Practice</td>
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LARCH 473 PROFESSIONAL PRACTICE | 3 cr
A required course for all MLA students, the objectives of this class are to provide foundational knowledge for how the professional field is structured and operates.

Waiver Requirement: evidence of employment in a professional design office for no less than 12 months.
LAW, FINANCE OR POLICY

3 credits required

Law, Finance or Policy Selective

LAW, FINANCE OR POLICY SELECTIVE | 3 cr
All MLA students must take a minimum of 3 credits in the topic area of law/finance/policy with objectives that relate to the design or management of built environments. Students may choose from the listed Approved Alternates or may select a course (400-level +) from any department in the University but requires approval by the Graduate Program Advisor.

Approved Alternatives:
- CM 500/ARCH 574 Design and Construction Law (3) credits
- CM 423 Construction Law (3) credits
- CM 540 Sustainable Construction (3) credits
- CM 545 Real Estate Development (3) credits
- URBDP 450 Introduction to Land Use, Growth Management & Environmental Planning (3) credits
- URBDP 526 Floodplain Management & Planning for Coastal & River Communities (3) credits
- URBDP 532 Current Topics in Transportation Planning & Policy (4) credits
- URBDP 536 Health Impact Assessment (2) credits + (1) credit independent study
- URBDP 549 Hazard Mitigation Planning (3) credits
- URBDP 550 Land Use, Growth Management & Environmental Planning (3) credits
- URBDP 553/RE 553 Urban Land Economics (4) credits
- URBDP 554/RE 513 Real Estate Finance and Investment (4) credits
- URBDP 557/RE 515 Real Estate Law (3) credits
- URBDP 560 Inequality, Governance, & Policy in the Metropolitan Region (3-4) credits
- URBDP 561/PUB POL 561 Urban Economics and Public Policy (3-4) credits
- URBDP 566 Infrastructure and Community Facilities (4) credits
- URBDP 577/RE 570 Real Estate Project Finance (3) credits
- URBDP 578 Real Estate Development (4) credits
- URBDP 580 Legal and Administrative Framework for Planning (3) credits
- URBDP 585 Introduction to Historic Preservation Planning (3) credits
- URBDP 586 Implementation in Preservation Planning (4) credits
- URBDP 587 Preservation and Vernacular Environment (3) credits
- RE 518 Best Practices in Sustainable Real Estate (3) credits
- ESRM 400 Natural Resource Conflict Management (3) credits
- ESRM 460 Power, Privilege & Preservation (5) credits
- ESRM 465 Economics of Conservation (3) credits
- ESRM 470 Natural Resource Policy and Planning (5) credits
- ESRM 485 Environmental Planning and Permitting in Practice (5) credits
- SEFS 571/PUB POL 592 Resource Policy and Administration (4) credits
- FISH 461 Resource Economics for Management and Policy (3) credit
- GEOG 467/LSJ 467 Law, Justice & the Environment (5) credits
- GEOG 474 Geography and the Law (5) credits
- GEOG 517 Geospatial Data Analysis (5) credits
- SMEA 476/ENVIR 476 Introduction to Environmental Law & Process (3) credits
- SMEA 511 Coastal Environment Management (3) credits
- SMEA 521 Climate Change Governance (3) credits
- SMEA 530 Development and the Environment (3) credits
SMEA 537  Economic Aspects of Marine Policy (3) credits
SMEA 585  Climate Impacts on the Pacific Northwest (4) credits
G H 511  Problems in Global Health (1-4) credits
LAW A 525  Water Law (4) credits
LAW A 527  Environmental Law (4) credits
LAW A 529  Public Land Law (3) credits
LAW A 540  Land Use Planning Seminar (3) credits
LAW A 542  Land Law and the Urban Environment (3) credits
LAW A 545  International Environmental Law (3-4) credits
LAW B 529  Advanced Environmental Law and Practice (1-4) credits
LAW B 581/LAW 481  Land, American Culture and the Law: Perspectives on the Use & Ownership of the Natural Environment (1-6) credits
LAW B 585  Natural Resources Law (1-4) credits
LAW B 593  Natural Resources Commons Property (3) credits
LAW B 594  Public Land Law Seminar (2-6) credits
LAW E 596  Wildlife Law Seminar (3) credits
LAW E 597  Global Warming and Justice Seminar (4) credits
LAW E 598  Climate Change Law (3-4) credits

OPEN ELECTIVES

OPEN ELECTIVES | 12 cr total
Each student is required to take a minimum of 12 credits total of open electives. Open Elective courses (400-level +) may be selected from any course offering in the University. Open Elective courses are not restricted to any topic area to provide flexibility for the student to pursue their individual interests.

CAPSTONE

CAPSTONE | 12 credits required
Please see MLA Capstone Guidelines (available on the Department website) for details regarding options and credit sequencing.