College of Art and Architecture
Proposed Catalog Changes
Effective Summer 2017

ARCHITECTURE

1. Add the following course:

ARCH 256 Architectural Design Bootcamp (10 cr)
Intensive introduction to various design processes from concept to schematic to design development. Acquisition of a beginning level of both graphic and architectural design literacy, design thinking strategies, aesthetic awareness. Development of basic design communication skills and introduction and application of construction technologies through component resolution.
Prereq: Architecture Permission

   Available via distance: No
   Geographical Availability: Moscow
   Rationale: This course has been offered as Arch 204 for the past two years, and it will now become a permanent offering. This class is specifically designed to give advanced standing in the University of Idaho architecture program to those with bachelor’s degrees in other disciplines, transfers from other programs, and for those with community college AA and AS degrees.

2. Change the following courses:

ARCH 151 Introduction to the Built Environment (3 cr)
Gen Ed: Humanities
Same as LARC 151. May not be taken for credit after LARC 151. Introduction to the complexities and wonders of the built environment, and the role of the humanities in successful designs. From the regional landscapes to urban design and architecture, to the intimacy of interiors and dwellings, to place making and space making, student perspectives are broadened on how the built environment is shaped by and contributes to an evolving human story. The built environment is also examined as a product of a multitude of forces that include: place, climate, conservation, culture, economics, beliefs, and aspirations for well-being.

   Available via distance: No
   Geographical Availability: Moscow
   Rationale: LARC 151/ARCH 151 is a foundation course for CAA majors.

ARCH 243 Media in Architecture (3 cr)
Introduction to techniques for hybridizing manual & digital design tools for workflows relative to the architectural design process; includes virtual modeling, CNC fabrication, 2D/3D printing, manual drafting, manual modeling, various software. Two 75 minute sessions per week; in class lectures & workshops; tools, techniques, & exercises integrated with Arch 253
Coreq: ARCH 253 ARCH 254
Available via distance: No  
Geographical Availability: Moscow  
Rationale: Correct co-requisite course number

ARCH 253 Architectural Design I (4 cr)  
Introduction to Architectural Design Fundamentals including formal principles, ordering systems, conceptualization, experimentation, design making, & design communication for the resolution of given architectural design problems. Two 3-hr studio sessions per wk; course includes lectures, workshops, project development, presentations, readings.  
Coreq: ARCH 243  
Prereq: Program Permission

Available via distance: No  
Geographical Availability: Moscow  
Rationale: ARCH 243 is no longer offered at the same time.

ARCH 254 Architectural Design II (4 cr)  
Same as ID 254. Basic integration of principles and concepts for architectural design, both interior & exterior. Two 3-hr studios a wk and assigned work.  
Prereq: ARCH 253 or Permission  
Coreq: ARCH 243

Available via distance: No  
Geographical Availability: Moscow  
Rationale: Add co-requisite. 

ARCH 461 Building Assemblies (3 cr)  
Advanced building construction with focus on building enclosure systems and assemblies.  
Prereq: ARCH 362, ARCH 463, or Instructor permission  
Coreq: ARCH 463

Available via distance: No  
Geographical Availability: Moscow  
Rationale: Add correct pre-requisite course numbers and delete co-requisite needed after 2015 curricular changes. 

3. Drop the following courses:

ARCH 367 Building Technology I - Steel Structures (3 cr)  
Steel structures. Expansion of basic statics and bending theory to include two-dimensional systems and loading as well as more complicated beam loading and support configurations. Analysis of statically determinate steel structures by ASD and LRFD.  
Prereq: Math 143 and Phys 111/111L
Available via distance: No
Geographical Availability: Moscow
Rationale: This course is no longer taught. It was replaced by Arch 362, Structural Systems II

ARCH 450 Architectural Programming (2 cr)
Introduction to basic principles and techniques of building programming. Recommended Preparation: Third or fourth year standing.
Prereq: Arch 353

Available via distance: No
Geographical Availability: Moscow
Rationale: The course is no longer offered. Content has been absorbed by other course offerings.

ARCH 453 Architectural Design V (6 cr)
Gen Ed: Senior Experience
Application of urban theory and appropriate responses to climatic factors to the resolution of architectural and planning and design problems in community or urban contexts. Interdisciplinary design encouraged. Three 3-hr studios a wk and assigned work; field trips reqd at student expense outside scheduled hours; some class critique sessions meet outside of scheduled hours.
Prereq: ARCH 353 and ARCH 354; or Permission

Available via distance: No
Geographical Availability: Moscow
Rationale: The elective course is no longer taught, and content and status as a senior experience has been replaced by Arch 454: Architectural Design – Vertical Studio.

ARCH 462 Building Technology II - Concrete (2 cr)
Concrete Structures. Statics/strengths, allowable stresses and 'prescriptive' and 'engineered' design approaches, factors of safety, ductility, Strength Design (LRFD) as applied to reinforced concrete structures.
Prereq: ARCH 367

Available via distance: No
Geographical Availability: Moscow
Rationale: The course is no longer taught. Relevant content has been absorbed by Arch 362, Structural Systems II, or Arch 461, Building Assemblies.

ARCH 466 Building Technology III - Seismic Design (2 cr)
Lateral and dynamic loads on architectural structures, principles of design for wind and seismic resistance, high-rise structural systems.
Prereq: ARCH 367
Available via distance: No
Geographical Availability: Moscow
Rationale: The course is no longer taught.

ARCH 581 Eco Urban Design (3 cr)
Introduction to urban design including urban space and form, building configuration and form, transportation, ecological, environmental and social considerations and issues. Three hours per wk and assigned work; field trips may be reqd at student expense; some class sessions will meet outside of scheduled hours. Recommended Preparation: ARCH 483. (Fall only)

Available via distance: No
Geographical Availability: Boise
Rationale: The elective course is no longer taught.

ARCH 582 Housing Typologies and Issues (3 cr)
Introduction to housing typologies and issues in the urban context, considering aspects of physical, infrastructural, sociological, economic, cultural, historical, political, regulatory environments and construction. Three hours per wk and assigned work; field trips may be reqd at student expense; some class sessions will meet outside of scheduled hours. Recommended Preparation: Arch 483.

Available via distance: No
Geographical Availability: Boise
Rationale: The elective course is no longer taught.

ARCH 583 Sustainable Development (3 cr)
This seminar explores concepts and strategies for sustainable development that are holistic, transdisciplinary, and integrated. Scale and scope of critical inquiry ranges from the local Palouse region to global contexts with particular emphasis on impacts imposed by developed nations. Weekly readings, student led discussion and team research projects require active engagement. (Spring, alt/ys)

Available via distance: No
Geographical Availability: Boise
Rationale: The elective course is no longer taught.

ARCH 584 Urban Design and Morphology (3 cr)
Seminar style course that explores the theory, research, documentation and interpretive practices of urban morphology (study of urban form) and application to the design and planning of urban environments. Through case studies students will interpret the physical structure of urban contexts and forces that impact their formal transformation over time. Field Trip and field documentation activities required. Recommended preparation: Arch 483, background in architecture or the related fields of landscape architecture, geography and anthropology. (Spring only)

Available via distance: No
**Geographical Availability:** Boise

**Rationale:** The elective course is no longer taught.

4. Make the following curricular changes to the **Architecture Major** (B.S.):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 151</td>
<td>Introduction to the Built Environment</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 154</td>
<td>Introduction to Architectural Graphics</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 243/</td>
<td>Media in Architecture</td>
<td>3 cr</td>
</tr>
<tr>
<td>ID 243</td>
<td>Architectural Design I</td>
<td>4 cr</td>
</tr>
<tr>
<td>ARCH 254/</td>
<td>Architectural Design II</td>
<td>4 cr</td>
</tr>
<tr>
<td>ID 254</td>
<td>Architectural Design III</td>
<td>4 cr</td>
</tr>
<tr>
<td>ARCH 266</td>
<td>Materials and Methods</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 353</td>
<td>Architectural Design III</td>
<td>6 cr</td>
</tr>
<tr>
<td>ARCH 354</td>
<td>Architectural Design IV</td>
<td>6 cr</td>
</tr>
<tr>
<td>ARCH 361</td>
<td>Structural Systems I</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 362</td>
<td>Structural Systems II</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 385</td>
<td>Global History of Architecture I</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 386</td>
<td>Global History of Architecture II</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 388</td>
<td>Architectural Theory</td>
<td>3 cr</td>
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<tr>
<td>ARCH 453</td>
<td>Architectural Design V</td>
<td>6 cr</td>
</tr>
<tr>
<td>ARCH 454</td>
<td>Architectural Design: Vertical Studio</td>
<td>6 cr - Max 12 cr</td>
</tr>
<tr>
<td>ARCH 461</td>
<td>Building Assemblies</td>
<td>3 cr</td>
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<tr>
<td>ARCH 463</td>
<td>Environmental Control Systems I</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 463L</td>
<td>Environmental Control System I Lab</td>
<td>1 cr</td>
</tr>
<tr>
<td>ARCH 464</td>
<td>Environmental Control Systems II</td>
<td>3 cr</td>
</tr>
<tr>
<td>ARCH 464L</td>
<td>Environmental Control System II Lab</td>
<td>1 cr</td>
</tr>
<tr>
<td>ARCH 483</td>
<td>Urban Theory and Issues</td>
<td>3 cr</td>
</tr>
<tr>
<td>ART 110</td>
<td>Integrated Art and Design Communication</td>
<td>2 cr</td>
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<tr>
<td>ART 112</td>
<td>Drawing as Integrated Design Thinking</td>
<td>2 cr</td>
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<tr>
<td>ART 121</td>
<td>Integrated Design Process</td>
<td>2 cr</td>
</tr>
<tr>
<td>LARC 251</td>
<td>Intro Principles of Site Dsgn</td>
<td>3 cr</td>
</tr>
<tr>
<td><strong>MATH 143</strong></td>
<td>Pre-calculus Algebra and Analytic Geometry</td>
<td>3 cr</td>
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<tr>
<td>PHYS 111</td>
<td>General Physics I</td>
<td>3 cr</td>
</tr>
<tr>
<td>PHYS 111L</td>
<td>General Physics I Lab</td>
<td>1 cr</td>
</tr>
</tbody>
</table>

**One of the following (3-4 cr):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 143</td>
<td>Pre-calculus Algebra and Analytic Geometry</td>
<td>3 cr</td>
</tr>
<tr>
<td>MATH 160</td>
<td>Survey of Calculus</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 170</td>
<td>Analytic Geometry and Calculus I</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 175</td>
<td>Analytic Geometry and Calculus II</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

**One of the following (3-4 cr):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 112</td>
<td>Computational Thinking and Problem Solving</td>
<td>3 cr</td>
</tr>
<tr>
<td>MATH 160</td>
<td>Survey of Calculus</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 170</td>
<td>Analytic Geometry and Calculus I</td>
<td>4 cr</td>
</tr>
</tbody>
</table>
Courses to total 124 credits for this degree (including at least 3 cr of 200-level or above courses taken outside the disciplines of architecture; landscape architecture; art and design; interior design; and virtual technology and design; and 3 cr of 200-level or above courses taken within the disciplines; and at least 3 credits of 200-level or above courses taken in any discipline. Credits earned in completion of an academic minor may be substituted).

Available via distance: No
Geographical Availability: Moscow
Rationale: Eliminate the need to process course substitution forms for students who enter the program having completed Math 170 or Math 175.

5. Make the following curricular changes to the Major in Architecture (M.Arch.):

Graduate Architecture Electives selected from the following (6 cr):
ARCH 502 Directed Study 1-16 cr
ARCH 504 Special Topics 1-16 cr
ARCH 511 Native American Architecture 3 cr
ARCH 512 Identity and Place in Global Space 3 cr
ARCH 513 Architectural Theory: Modernism into Postmodernism 3 cr
ARCH 520 Architectural Research Methods 3 cr
ARCH 521 China Program Preparation Seminar 2 cr
ARCH 522 China's Urbanization Seminar 2 cr
ARCH 523 Cultural & Ethical Issues in Global Architectural Practice 2 cr
ARCH 570 Natural Lighting 3 cr
ARCH 571 Building Performance Evaluation 3 cr
ARCH 572 Integrated Design Seminar 1 cr - Max 4 cr
ARCH 573 Daylight Design and Simulation 3 cr
ARCH 574/ME 571 Building Performance Simulation for Integrated Design 3 cr
ARCH 580 British Green Architecture 2 cr
ARCH 581 Eco-Urban Design 3 cr
ARCH 582 Housing Typologies and Issues 3 cr
ARCH 583 Sustainable Development 3 cr
ARCH 584 Urban Design and Morphology 3 cr
ARCH 585 Urban Design Seminar 3 cr
ARCH 599 Non-thesis Master's Research 1-16 cr

Available via distance: 50% or more of curricular requirements cannot be completed via distance
Geographical Availability: Moscow, Boise
Rationale: To remove electives from the curriculum as it appears in the catalog, based on faculty decision to drop 4 graduate electives that are no longer offered.
ART AND DESIGN

1. Add the following course:

**ART 411 Advanced Studio Practice (3 cr, max 6)**
Faculty directed advanced studio practices in a variety of media. Two 3-hr studios a wk and assigned work. Additional requirements will be assigned for graduate students.

**Prereq:** Art Core and by Permission

**Available via distance:** No
**Geo graphical Availability:** Moscow
**Rationale:** This course will offer innovative and interdisciplinary advanced level studio practice for advanced undergraduate and graduate students. This course will be offered as needed, and not requiring additional faculty time.

2. Change the following courses:

**Art 122 Design Process II (3 cr)**
Continuation of study of design process; studio problems challenge students to apply elements and principles of design to studio problems that include traditional and experimental concepts of design. Studio experiences, readings, and written analysis allow for further exploration of two- and three-dimensional design as well more complex concepts such as context, time, and light. Two 3-hr studios a wk and assigned work; attendance at outside events (lecs, symposiums, Prichard and Univ Gallery openings).

**Prereq:** Art 121
**Prereq or Coreq:** Art 110

**Available via distance:** No
**Geo graphical Availability:** Moscow
**Rationale:** Many transfer students, both on-campus from other programs and/or coming from other institutions had difficulty with meeting the sequence since these classes are not offered every semester. The course content is such that the pre-reqs/co-req are no longer needed.

**Art 360 Intermediate/Advanced Ceramics (3 cr, max 9)**
Intermediate and Advanced level studio environment with further exploration of ceramic methods including wheel-thrown building techniques, kiln and studio procedures, creative autonomy, portfolio development, and comprehension of historical and contemporary issues relevant to studio projects and ceramics discourse. Two 3-hr studios a wk and assigned work.

**Prereq:** Art Core and Art 261 or Permission

**Available via distance:** No
**Geo graphical Availability:** Moscow
**Rationale:** This prerequisite was missing from the original form, and to be aligned with other 300 level studio courses.
Art 370 Intermediate/Advanced Interaction + Experiential Design (3 cr, max 9)
Advanced analysis of interaction and experiential design and development strategies and methodologies. Emphasis on individual development in conceptual and technical abilities. Collaboration, installation and exhibition of work outside of class may be assigned. Two 3-hr studios a week and assigned work.
Prereq: Art Core and Art 271 or Art 272; or Permission

Available via distance: No
Geo graphical Availability: Moscow
Rationale: This prerequisite was missing from the original form, and to be aligned with other 300 level studio courses.

Art 390 Mixed Media (3 cr, max 9)
Understanding synthesis of different media in context to a work of art by using two or more techniques; tutorial-based studio, production to occur outside of class. Outside lec and special events may be assigned.
Prereq: Art Core, 9 cr of 200-level art studios, and 6 cr of 300-level art studios or Permission

Available via distance: No
Geo graphical Availability: Moscow
Rationale: This course is beneficial for students who were exposed to a few different media before hand. 9 cr of 200-level studio courses will be efficient, and not necessarily need to have 6 cr of 300-level art studio courses before this course.

3. Make the following curricular changes to the Major in Art (B.A.):

300-level studio courses selected from the following (15 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Max Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 321</td>
<td>Graphic Design Concepts</td>
<td>3 cr</td>
<td>Max 6 cr</td>
</tr>
<tr>
<td>ART 322</td>
<td>Graphic Design Studio</td>
<td>3 cr</td>
<td>Max 6 cr</td>
</tr>
<tr>
<td>ART 330</td>
<td>Intermediate/Advanced Painting</td>
<td>3 cr</td>
<td>Max 12 cr</td>
</tr>
<tr>
<td>ART 340</td>
<td>Intermediate/Advanced Sculpture</td>
<td>3 cr</td>
<td>Max 9 cr</td>
</tr>
<tr>
<td>ART 350</td>
<td>Intermediate/Advanced Printmaking</td>
<td>3 cr</td>
<td>Max 9 cr</td>
</tr>
<tr>
<td>ART 360</td>
<td>Intermediate/Advanced Ceramics</td>
<td>3 cr</td>
<td>Max 9 cr</td>
</tr>
<tr>
<td>ART 370</td>
<td>Intermediate/Advanced Interaction + Experiential Design</td>
<td>3 cr</td>
<td>Max 9 cr</td>
</tr>
<tr>
<td>ART 380</td>
<td>Digital Imaging</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>ART 390</td>
<td>Mixed Media</td>
<td>3 cr</td>
<td>Max 9 cr</td>
</tr>
<tr>
<td>ART 411</td>
<td>Advanced Studio Practice</td>
<td>3 cr</td>
<td>Max 6 cr</td>
</tr>
<tr>
<td>ART 491</td>
<td>Information Design</td>
<td>3 cr</td>
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</tr>
</tbody>
</table>

Note: At least 6 credits must be taken in one studio area, i.e., ART 330; no more than 6 credits in one studio area may be counted toward this requirement.

Available via distance: No
Geo graphical Availability: Moscow
Rationale: When this ART400 level course, Advanced Studio Practice is approved by UCC, a 400-level course number will be assigned by the registrar. This course will be included in our BA Course Curriculum in the 300 level studio block and the Degree Audit.

INTERIOR DESIGN
1. Change the following course:

   ID 344 Digital Design Tools for Interior Design (4 cr)
   Introduction to software programs, with emphasis on Revit, for use in designing environments. Including but not limited to 3-D modeling. Meets once per week. 8 week course.
   Coreq: ID 351 or Permission

   Available via distance: No
   Geographical Availability: Moscow
   Rationale: Increased by one credit hour to appropriately reflect the added applied project requirements and additional software programs introduced in course.

2. Make the following curricular changes to the Major in Interior Design (B.I.D.):

   College Program(s) permission is required for admittance into Architecture and Interior Design studio courses (ARCH 253, ARCH 254, and ID 152, ID 254, ID 351, ID 352, ID 451, ID 452) and students must achieve a minimum grade of C in the previous Interior Design studio course to enroll in the next sequential studio course.

   Courses to total 125-126 credits for this degree

   Available via distance: 50% or more of curricular requirements cannot be completed via distance
   Geographical Availability: Moscow
   Rationale: The addition of 1 credit to ID 344 will expand course content. Course will be taught by a Clinical faculty member (Position Description teaching percentage allows for the 1 credit addition).

LANDSCAPE ARCHITECTURE
1. Add the following courses:

   LARC 481 Urban Systems in Ecology (3 cr)
   This course is designed to introduce upper division students of Landscape Architecture and other related disciplines to the principles, theories and processes of urbanism with a focus on sustainability and the integration of natural systems both as metaphor and physical design process.

   Available via distance: No
   Geographical Availability: Moscow
**Rationale:** ARCH 483 Urban Theory, a required course for all LARC Majors, has not been offered on a consistent basis the past 2 years and indeed is being offered in Italy this fall semester and unavailable for Landscape Architecture Students. LARC needs an urban systems course to meet the requirements for LAAB Accreditation and have the opportunity to create an urban theory course that integrates the principles of urban ecology as well as the social and environmental systems that are integral to a normative theory of urban form and process. There will be no added workload.

**LARC 450 Landscape Architecture Studio 1 (3 cr)**
See LARC J353/J450/J550.

*Available via distance: No*

*Geographical Availability: Moscow*

**Rationale:** Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

**LARC 452 Landscape Architecture Studio 2 (3 cr)**
See LARC J355/J452.

*Available via distance: No*

*Geographical Availability: Moscow*

**Rationale:** Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

**LARC 454 Landscape Architecture Studio 3**
See LARC J363/J454/J552.

*Available via distance: No*

*Geographical Availability: Moscow*

**Rationale:** Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

**LARC 456 Landscape Architecture Studio 4 (3 cr)**
See LARC J365/J456.

*Available via distance: No*

*Geographical Availability: Moscow*

**Rationale:** Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

**LARC 464 Landscape Construction 1 (2 cr)**
See LARC J268/J464.

*Available via distance: No*
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 466 Landscape Construction 2 (2 cr)
See LARC J269/J466.

Available via distance: No
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 468 Landscape Architecture Construction 3 (2 cr)
See LARC J368/J468.

Available via distance: No
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 469 Landscape Architecture Construction 4 (2 cr)
See LARC J369/J469.

Available via distance: No
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 488 Plant Materials and Design 1 (3 cr)
See LARC J288/J488.

Available via distance: No
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 489 Plant Materials and Design 2 (3 cr)
See LARC J289/J489.

Available via distance: No
Geographical Availability: Moscow
Rationale: Allow MLA students to receive upper level credit when they take undergrad LARC studios and courses during their “bridging year.” There will be no added workload.
LARC 490 Italian Hill Towns and Urban Centers (3 cr)
See LARC J390/J490

Available via distance: No  
Geographical Availability: Moscow 
Rationale: Allow MLA students to receive upper level credit when they take undergrad  
LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 552 Summer Study Abroad Design Studio (6 cr)
See LARC J364/J552.

Available via distance: No  
Geographical Availability: Moscow 
Rationale: Allow MLA students to receive upper level credit when they take undergrad  
LARC studios and courses during their “bridging year.” There will be no added workload.

LARC 553 Site Integration Studio (3 cr)
Graduate landscape architecture students work with graduate architecture students in the ARCH  
553 Comprehensive building design studio to provide disciplinary expertise for site context, planning  
and design. The collaborative process emphasizes and mirrors interdisciplinary design processes that  
occur in a professional practice setting.

Available via distance: Yes  
Geographical Availability: Boise 
Rationale: This course furthers the interdisciplinary mission of the Urban Design  
Center’s graduate programs. Instructors of this course and ARCH 553 collaborate to  
define roles and appropriate points of interaction during the studio course. Additional  
workload is incorporated into regular studio instruction assignments.

LARC 555 Master’s Project Prep (2 cr)
This course guides students through the process of identifying a specific project, and developing a  
proposal, scope and timeline for their Masters Project. Students will prepare a research report to  
support their Masters Project, utilizing literature review and case study research methods. Progress  
is reviewed in weekly peer presentations, giving students practice in developing professional level  
graphic and verbal presentations.

Available via distance: Yes  
Geographical Availability: Boise 
Rationale: No added work load. This course enhances research component of the MLA  
master’s project, in accordance with accreditation standards.
2. Change the following courses:

**LARC 151 Introduction to the Built Environment (3 cr)**

*See ARCH 151 May not be taken for credit after ARCH 151. Introduction to the complexities and wonders of the built environment, and the role of the humanities in successful designs. From the regional landscapes to urban design and architecture, to the intimacy of interiors and dwellings, to place-making and space-making, student perspectives are broadened on how the built environment is shaped by and contributes to an evolving human story. The built environment is also examined as a product of a multitude of forces that include: place, climate, conservation, culture, economics, beliefs, and aspirations for well-being.*

Available via distance: No  
Geographical Availability: Moscow  
Rationale: LARC 151/ARCH 151 is a foundation course for CAA majors.

**VIRTUAL TECHNOLOGY AND DESIGN**

1. Add the following courses:

**VTD 380 Advanced Character Design (3 cr)**

Exploration of advanced workflows and methods for entertainment focused character design. This course will cover advanced digital painting techniques and basic image compositing in Photoshop while also covering digital sculpting and rendering using Zbrush. One (3 hour) lecture/lab with associated work.

Prereq: Instructor Permission

Available via distance: No  
Geographical Availability: Moscow  
Rationale: There is a large number of students interested in character design and the entertainment industry. This class helps students learn about the conceptual process as well as develop/understand the skills required to succeed in this industry. This class is not required, but will grow our offerings for students interested in entertainment (film and video games). The course has been offered multiple times as a VTD and we felt that the interest merited that it be given an actual course designation.

2. Make the following curricular changes to the Major in Virtual Technology and Design (B.S.):

- ART 110 Integrated Art and Design Communication 2 cr
- ART 112 Drawing as Integrated Design Thinking 2 cr
- ART 121 Integrated Design Process 2 cr
- CS 112 Computational Thinking and Problem Solving 3 cr
- MATH 143 Pre-calculus Algebra and Analytic Geometry 3 cr
- PHYS 111 General Physics I 3 cr
- PHYS 111L General Physics I Lab 1 cr
- VTD 151 Virtual World Building 1 2 cr
- VTD 152 Virtual World Building 2 2 cr
- VTD 153 Virtual World Building 3 2 cr
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>VTD 154</td>
<td>Virtual World Building 4</td>
<td>2 cr</td>
</tr>
<tr>
<td>VTD 245</td>
<td>Advanced Modeling</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 246</td>
<td>Advanced Lighting and Materials</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 253</td>
<td>Virtual Design I</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 254</td>
<td>Virtual Design II</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 271</td>
<td>Interactive Technologies</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 355</td>
<td>Virtual Design III</td>
<td>4 cr</td>
</tr>
<tr>
<td>VTD 356</td>
<td>Virtual Design IV</td>
<td>4 cr</td>
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<tr>
<td>VTD 367</td>
<td>Advanced Animation</td>
<td>3 cr</td>
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<tr>
<td>VTD 372</td>
<td>Advanced Interactive Technologies</td>
<td>3 cr</td>
</tr>
<tr>
<td>VTD 400</td>
<td>Seminar</td>
<td>1-16 cr</td>
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<tr>
<td>VTD 457</td>
<td>Capstone Design Studio I</td>
<td>6 cr</td>
</tr>
<tr>
<td>VTD 458</td>
<td>Capstone Design Studio II</td>
<td>6 cr</td>
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**One of the following (3-4 cr):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 143</td>
<td>Pre-calculus Algebra and Analytic Geometry</td>
<td>3 cr</td>
</tr>
<tr>
<td>MATH 160</td>
<td>Survey of Calculus</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 170</td>
<td>Analytic Geometry and Calculus I</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 175</td>
<td>Analytic Geometry and Calculus II</td>
<td>4 cr</td>
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</tbody>
</table>

**History or Theory Courses (6 cr):**

Two History or Theory Courses

*Must be associated with the disciplines of architecture, art, film, media, music or theatre, with approval of the VTD program.*

**Directed Electives (8-9 cr):**

Three Directed Elective Courses

*Elective Courses that allow a student to develop an emphasis area or breadth in a supporting discipline, with approval of VTD program.*

**Courses to total 120 credits for this degree**

- **Available via distance:** 50% or more of curricular requirements cannot be completed via distance.
- **Geographical Availability:** Moscow
- **Rationale:** By allowing math courses above Math 143 we are facilitating advising as we will no longer need to write course substitution forms.