The curriculum for the ARDV program is designed to provide an intense exposure to the allied disciplines of architecture and real estate development. The degree-track minimizes the amount of time required to complete dual Masters degrees in architecture and real estate development.

**YEAR 1**

**SEMESTER 1 Fall**
- ARCH 600 Comprehensive Design Studio 6
- ARCH 611 Advanced Technology 3
- ARCH 460 Site Analysis and Design 3
- RDEV 688T Introduction to RED Principles, Policy and Practice 3

**Semester Total** 15

**WINTER TERM**
- RDEV 688X Elective 3

**Winter Term Total** 3

**SEMESTER 2 Spring**
- ARCH 601 Topical Design Studio 6
- ARCH 654 Urban Development and Design Theory 3
- RDEV 688A Development Law, Process and Ethics 3
- RDEV 688Z Intro to RED Finance 3

**Semester Total** 15

Recommended study abroad and/or architectural internship

**SUMMER TERM**
- RDEV 688X Cognate in Construction Methods & Materials 3

**Summer Session** 3

**YEAR 2**

**SEMESTER 3 Fall**
- ARCH 700 Advanced Urban Design Studio 6
- ARCH 770 Professional Practice 3
- RDEV 688xx Cognate in Market Analysis or Valuation 3
- RDEV 688xx Cognate in RED Operations/Management 3

**Semester Total** 15

**SEMESTER 4 Spring**
- ARCH 797 Thesis Proseminar 3
- ARCH 6xx Architecture Elective 3
- RDEV 688xx Elective 3
- RDEV 688xx Cognate in Planning and Entitlements 3

**Semester Total** 12

**YEAR 2.5**

**SEMESTER 5 Fall**
- ARCH 799 Thesis Research 6
- ARCH 798 Thesis 3
- RDEV 688I Capstone (Feasibility of Thesis) 3
- ARCH 6xx Architecture Seminar 3

**Semester Total** 15

**Total Credit Hours Required for ARDV Degree** 78

* The RDEV curriculum affords flexibility in course requirements and sequencing. Students work closely with an RDEV advisor to establish an approved program, which will be documented in an approved program form.
GRADE POINT AVERAGE IN MAJOR POLICY:
The 3.0 GPA in major policy requires all graduate students matriculating in Fall 2012 to earn a 3.0 grade point average in their major, minor, and/or certificate requirements. With the new plus/minus policy, the minimum grade for most major courses is a B-, now calculated as a 2.7. It is important that graduate students clearly understand what courses make up major, minor and certificate requirements, and that the cumulative GPA for those courses must be at least 3.0.

RECOMMENDED INTERNSHIPS:
At various points in a student’s education practical experience gained through internship complements and provides insight into formal education. The Program provides an annual Career Fair that enables students gain contacts with major firms in the Washington-Baltimore area as well as firms with numerous locations nationally and internationally. Many students arrange internships over the summer and/or winter recess. While the Program does not provide academic credit for work in a professional context, the experiences gained therein are invaluable to a student’s development.

RECOMMENDED STUDY ABROAD:
The Architecture Program offers several intensive study abroad programs during the winter term and over the summer session. The programs are generally three or six weeks in duration and are lead by faculty members who have proven expertise in locales in which the programs are located. Past programs have taken students to France, India, Italy, North Africa, Peru, Russia, Turkey, South Africa, and the Yucatan. Students study the historical and contemporary architecture, urbanism, and cultures of the nations visited.

ACCREDITATION:
In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a 6-year, 3-year, or 2-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the pre-professional degree is not by itself, recognized as an accredited degree.

The University of Maryland School of Architecture, Planning & Preservation offers the following NAAB-accredited degree programs:

- M.Arch (pre-professional degree + 60 graduate credits)
- M.Arch (non-pre-professional degree + 109 credits)

Next accreditation visit for both programs: 2017

Current information about the University of Maryland’s Accreditation Status can be found at: [http://arch.umd.edu/arch/naab-accreditation](http://arch.umd.edu/arch/naab-accreditation)

Additional information about NAAB can be found at: [www.naab.org](http://www.naab.org)

QUALIFYING FOR ADVANCED STANDING:
A condition of admission with advanced standing in the Architecture Program is documentation to verify completion of National Architectural Accreditation Board (NAAB) Student Performance Criteria (SPC) that applicants have satisfied in prior coursework at their undergraduate institution. This requirement is now a condition of accreditation for all NAAB accredited architecture programs. The relevant text from the NAAB 2014 Conditions for Accreditation below:

**PART TWO (II): SECTION 3—EVALUATION OF PREPARATORY EDUCATION**

The program must demonstrate that it has a thorough and equitable process for evaluating the preparatory or pre-professional education of individuals admitted to the NAAB-accredited degree program.
• Programs must document their processes for evaluating a student’s prior academic course work related to satisfying NAAB student performance criteria when a student is admitted to the professional degree program.
• In the event a program relies on the preparatory educational experience to ensure that admitted students have met certain SPC, the program must demonstrate it has established standards for ensuring these SPC are met and for determining whether any gaps exist.
• The program must demonstrate that the evaluation of baccalaureate-degree or associate-degree content is clearly articulated in the admissions process, and that the evaluation process and its implications for the length of a professional degree program can be understood by a candidate before accepting the offer of admission. See also Condition II.4.6.

[NOTE: A review of course titles and descriptions in and of itself is not considered sufficient for this activity.]

Applicants for the Master of Architecture with Advanced Standing shall have completed the following coursework as part of their undergraduate degree in architecture equivalent to:

4 – Architectural Design Studios (6 credits each)
1 – Building Materials and Assemblies course (3 credits min.)
2 – Structural Systems Courses (3 credits each min.)
1 – Environmental Systems Course (3 credits min.)
1 – Sustainable Systems Course (3 credits min.)
2 – History of World Architecture Courses (3 credits each min.)

The course work must satisfy National Architectural Accrediting Board Student Performance criteria, which are either met or partially met in the University of Maryland’s Bachelor of Science Program and serve as prerequisites for admission to the M ARCH program with advanced standing. The student shall have received a grade no less than B (3.0) in the courses in question. The NAAB SPC required for advanced standing consideration are:

| A.1 | Professional Communication Skills** |
| A.2 | Design Thinking Skills** |
| A.3 | Investigative Skills* |
| A.4 | Architectural Design Skills** |
| A.5 | Ordering Systems * |
| A.6 | Use of Precedents** |
| A.7 | History and Global Culture** |
| A.8 | Cultural Diversity and Social Equity ** |

| B.1 | Pre-Design* |
| B.2 | Site Design* |
| B.3 | Codes and Regulations* |
| B.4 | Structural Systems* |
| B.5 | Environmental Systems* |
| B.6 | Building Materials and Assemblies* |
| B.7 | Building Service Systems* |

*Indicates criterion is partially met in the pre-professional degree
**Indicates that criterion is met in the pre-professional degree

Supporting Materials Required for Verification:
Final determination of an applicant’s eligibility for advanced standing in the M ARCH program will be made after he/she has been offered admission. Candidates will be informed of their eligibility to apply for advanced standing in the letter offering admission. Candidates who desire to be considered for advanced standing will be required to submit additional evidence to demonstrate that they satisfied required NAAB SPC to a satisfactory extent during the course of their undergraduate degree program. The following materials will be used in the evaluation process:

• The portfolio of academic work from architectural design studios (submitted as part of the regular application process).
• Course syllabi for each course taken during the applicant’s undergraduate education in the following areas:
  o Structures courses
  o Building methods and materials courses
  o Mechanical, electrical and plumbing courses
  o Sustainable systems courses
  o Design studios
  o History / theory courses
  o Professional practice courses (if any)
  o Any other course for which you satisfied an NAAB SPC
• Assignments, projects, examinations, tests, and quizzes that serve as evidence of successful completion of the SPC from the above courses.

If deficiencies in SPC are found to exist, the applicant’s curriculum will be modified to include additional coursework to satisfy the NAAB SPC requirements.
ARDV – Path A – MASTER OF ARCHITECTURE (Path A)/MASTER OF REAL ESTATE DEVELOPMENT DUAL DEGREE

Prerequisite: B.S in Architecture

All Architecture courses shown are approved as electives for the Real Estate Development degree and all Real Estate Development courses shown are approved as electives for the Architecture degree.

<table>
<thead>
<tr>
<th>REQUIRED COURSEWORK IN ARCHITECTURE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 460 Site Analysis and Design</td>
<td>3</td>
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<tr>
<td>ARCH 600 Comprehensive Design Studio</td>
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<tr>
<td>ARCH 601 Topical Design Studio</td>
<td>6</td>
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<td>ARCH 611 Advanced Architecture Technology</td>
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<tr>
<td>ARCH 700 Advanced Urban Design Studio</td>
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<td>ARCH 797 Thesis Proseminar</td>
<td>3</td>
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<tr>
<td>ARCH 798 Thesis in Architecture</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 799 Master’s Thesis Research</td>
<td>6</td>
</tr>
<tr>
<td>ARCH 6xx Architecture Elective</td>
<td>3</td>
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<tr>
<td>ARCH 6xx Architecture Seminar</td>
<td>3</td>
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*Minimum Credit Hours in the M ARCH Degree* 48

<table>
<thead>
<tr>
<th>REQUIRED COURSEWORK IN REAL ESTATE DEVELOPMENT</th>
<th>Credits</th>
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<tbody>
<tr>
<td>RDEV 688T Introduction to Principles, Process and Practice of RED**</td>
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</tr>
<tr>
<td>RDEV 688Z Introduction to Real Estate Development Finance**</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 688A Development Law, Process and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 650 Fundamentals of Real Estate Finance</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 688xx Cognate course in planning and entitlements</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 688xx Cognate course in operations/management</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 688xx Cognate course in construction management and methods</td>
<td>3</td>
</tr>
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<td>RDEV 688xx Cognate course in market analysis and valuation</td>
<td>3</td>
</tr>
<tr>
<td>RDEV 688I Capstone (feasibility analysis of architecture thesis)</td>
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</tr>
<tr>
<td>RDEV 688xx Elective</td>
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</tbody>
</table>

*Minimum Credit Hours in the MRED Degree* 30

*Minimum Credit Hours in the ARDV Dual Degree* 78

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Effective August 2016