



MASTER OF ARCHITECTURE/MASTER OF REAL ESTATE DEVELOPMENT
ARDV - M ARCH Advanced Standing (Path A) + MRED
Curriculum

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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

ARCH	600	Comprehensive Design Studio	6
ARCH	611	Advanced Technology	3
ARCH	654	Urban Development and Design Theory	3
RDEV	688X	Introduction to Principles, Policy and Practice	3
Semester Total			15

WINTER TERM

RDEV	688E	Managing Differences, Negotiating Agreements	3
Winter Term Total			3

SEMESTER 2

ARCH	601	Topical Design Studio	6
ARCH	460	Site Analysis and Design	3
RDEV	688A	Development Law, Process and Ethics	3
RDEV	630	Fundamentals of Finance and Development	3
Semester Total			15

Recommended study abroad and/or architectural internship

SUMMER TERM*

RDEV	xxx	Elective	3
Summer Session			3

YEAR 2

SEMESTER 3

ARCH	700	Advanced Urban Design Studio	6
ARCH	770	Professional Practice	3
RDEV	689M	Market Analysis	3
RDEV	688L	Commercial Leasing	3
Semester Total			15

SEMESTER 4

ARCH	797	Thesis Proseminar	3
ARCH	xxx	Architectural History Elective	3
RDEV	650	Construction Management	3
RDEV	688G	Planning Policy, Practice and Politics	3
Semester Total			12

YEAR 2.5

SEMESTER 5

ARCH	799	Thesis Research	6
ARCH	798	Thesis	3
RDEV	688I	Capstone (Feasibility of Thesis)	3
Semester Total			12

Total Credit Hours Required for ARDV Dual Degree 75

* 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.

APPLICANTS:

The curriculum depicted above is applicable to students with advanced standing (Path A) in the M ARCH program. This program is designed to complement the University of Maryland's undergraduate [Bachelor of Science](#) degree and similar programs offered at other institutions.

COURSE DESCRIPTIONS:

A complete listing of course descriptions offered by the Architecture Program can be found at: <http://arch.umd.edu/arch/courses>

A complete listing of course descriptions offered by the Real Estate Development Program Program can be found at: <http://arch.umd.edu/rdev/courses>

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.

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>

Additional information about NAAB can be found at: 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 2009 Conditions for Accreditation below:

PART TWO (II): SECTION 3 – EVALUATION OF PREPARATORY/PRE-PROFESSIONAL EDUCATION
Because of the expectation that all graduates meet the SPC (see Section 1 above), the program must demonstrate that it is thorough in the evaluation of the preparatory or pre-professional education of individuals admitted to the NAAB-accredited degree program.

In the event a program relies on the preparatory/pre-professional educational experience to ensure that 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. Likewise, the program must demonstrate it has determined how any gaps will be addressed during each student's progress through the accredited degree program. This assessment should be documented in a student's admission and advising files.

[NOTE: A review of course titles and descriptions in and of itself is not considered sufficient for this activity.]
www.naab.org/documents/streamfile.aspx?name=2009+Conditions+FINAL+EDITION.pdf&path=Public+Documents%5CAccreditation%5C2009+Conditions+for+Accreditation%5C, p. 29)

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 (3-4 credits)
- 2 - Structural Systems Courses (3-4 credits each)
- 2 - Environmental Systems Courses (3-4 credits each)
- 2 - History of World Architecture Courses (3 credits each)

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 pre-requisites 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	Communication Skills**	B.3	Sustainability*
A.3	Visual Communication Skills**	B.4	Site Design*
A.5	Investigative Skills*	B.5	Life Safety*
A.6	Fundamental Design Skills**	B.8	Environmental Systems*
A.7	Use of Precedents*	B.9	Structural Systems**
A.8	Ordering Systems*	B.11	Building Service Systems*
A.9	Historical Traditions & Global Culture**	B.12	Building Materials and Assemblies*
A.10	Cultural Diversity**		

*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:
 - Structures courses
 - Building methods and materials courses
 - Mechanical, electrical and plumbing courses
 - Design studios
 - History / theory courses
 - Professional practice courses (if any)
 - Any other course for which you satisfied an NAAB SPC
- Any assignments, projects, examinations, tests, and quizzes illustrating 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.

**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.

DUAL DEGREE CURRICULUM		CREDITS
ARCH 600	Comprehensive Design Studio	6
ARCH 601	Topical Design Studio	6
ARCH 460	Site Analysis and Design	3
ARCH 611	Advanced Architecture Technology	3
ARCH 654	Urban Development and Design Theory	3
ARCH XXX	Elective in Architectural History	3
ARCH 700	Advanced Urban Design Studio	6
ARCH 770	Professional Practice	3
ARCH 797	Thesis Proseminar	3
ARCH 798	Thesis in Architecture	3
ARCH 799	Master's Thesis Research	6
	Subtotal	45
RDEV 688X	Introduction to Principles, Process and Practice of RED	3
RDEV 688A	Development Law, Process and Ethics	3
RDEV 630	Fundamentals of Real Estate Development and Finance	3
RDEV 650	Construction Management	3
RDEV 689M*	Market Analysis	3
RDEV 688E	Resolving Conflict Management and Negotiating Agreements	3
RDEV 688G*	Planning Policy, Practice and Politics for Real Estate Developers	3
RDEV 688 L*	Commercial Leasing	3
RDEV XXX	Elective	3
RDEV 688I	Capstone (feasibility analysis of architecture thesis)	3
	Subtotal	30
	TOTAL CREDITS	75