I. Pathways to General Education 45-47 credits required (15 from In-major required courses)

Concept 1 - Discourse 9 credits required
ENGL 1105 First-year Writing 3 credits required
ENGL 1106 First-year Writing 3 credits required
ARCH 4114 Ideas, Concepts, and Representations of Architecture (Pre: ARCH 3015, ARCH 3116) 3 credits required (In Major Required Course)

Concept 2 - Critical Thinking in the Humanities 6 credits required
*ARCH 3115 Histories of Architecture (Pre: ARCH 1015) 3 credits required (In Major Required Course)
*ARCH 3116 Histories of Architecture (Pre: ARCH 3115) 3 credits required (In Major Required Course)

Concept 3 - Reasoning in the Social Sciences 6 credits required
Pathways Course 3 credits required
Pathways Course 3 credits required

Concept 4 - Reasoning in the Natural Sciences 6 credits required
Pathways Course 3 credits required
Pathways Course 3 credits required

Concept 5 - Quantitative and Computational Thinking 9-11 credits required
5f - Foundational (6 credits)
MATH 1535 Geometry Mathematics of Design (3 cr) or MATH 1225 Calculus of a Single Variable (4 cr) 3-4 credits required
MATH 1536 Geometry Mathematics of Design (3 cr) or MATH 1226 Calculus of a Single Variable (4 cr) 3-4 credits required
5a - Advanced/Applied (3 credits)
Advanced/Applied Comp. Pathways Course 3 credits required

Concept 6 - Critique and Practice in Design and the Arts 6 credits required
6a *ARCH 4514 Thesis Inquiry (Pre: ARCH 4004. Co: ARCH 4515) 3 credits required (In Major Required Course)(see GPA req., see also note #6)
6d *ARCH 4524 Thesis Documentation (Pre: ARCH 4514, 4515. Co: ARCH 4516) 3 credits required (In Major Required Course)(see GPA req., see also note #6)

Concept 7 - Critical Analysis of Identity & Equity in the US 3 credits required
Pathways Course 3 (see note #5)

TOTAL CREDIT HOURS 160 credits required

Departmental Policies

GPA Requirements
From the first semester of the first year onward [1015-4516] all students must earn a grade of "C-" or above in each semester of their architecture design lab in order to proceed to the next lab in the five year sequence with the additional requirement that students must earn a minimum of a C in the 4th year Integrative design lab (ARCH 4014). A minimum grade of "C-" is required for graduation.

Satisfactory Progress Toward Degree
In addition to University requirements, upon completion of the second year in the program, students must have completed ARCH 1015-1016, ARCH 2015-2016, ARCH 2034, ESM 3704, ARCH 4075, ARCH 3115, with a minimum in-major grade point average of 2.00 or above.

Restricted Major Requirements
Restricted Major Requirements: Students who make application to Architecture through the internal transfer process must meet the following requirements prior to entering the major:

A) Min 2.5 GPA in all courses prior to entering the Summer Design Lab
B) Application to Summer Design Lab; Interview for Summer Design Lab
C) Faculty Review of Summer Work and a grade of C or better in Summer Design Lab for admission to Fall 2nd Yr Lab

II. Architecture Degree Core Courses 43 credits required

*ARCH 2015 Architecture II (Pre: ARCH 1016) 7 credits (see GPA req.)
*ARCH 2016 Architecture II (Pre: ARCH 2015) 7 credits (see GPA req.)
*ARCH 3015 Architecture III (Pre: ARCH 2016) 7 credits (see GPA req.)
*ARCH 3016 Architecture III (Pre: ARCH 3015) 7 credits (see GPA req.)
*ARCH 4004 Architecture IV Option lab (Pre: ARCH 3016) 7 credits (see GPA req.)
*ARCH 4014 Architecture IV Integrated (Pre: ARCH 3016, ARCH 3054) 8 credits (see GPA req.)
### III. Major Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1015</td>
<td>Foundation Design Laboratory</td>
<td>6 credits (see GPA req.)</td>
</tr>
<tr>
<td>ARCH 1016</td>
<td>Foundation Design Laboratory</td>
<td>6 credits (see GPA req.)</td>
</tr>
<tr>
<td>ESM 3704</td>
<td>Basic Principles of Structure</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 4075</td>
<td>Building Structures (Pre: ESM 3704)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 4076</td>
<td>Building Structures (Pre: ESM 3704)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 2034</td>
<td>Art of Building (Pre: ARCH 2044)</td>
<td>2 credits</td>
</tr>
<tr>
<td>*ARCH 3065</td>
<td>Building Assemblies (Pre: ARCH 2016; Co: ARCH 3015)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 3066</td>
<td>Building Assemblies (Coreq: ARCH 3016, ARCH 3054)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 3054</td>
<td>Building Analysis (Pre: ARCH 3015; Co: ARCH 3016, ARCH 3046)</td>
<td>2 credits</td>
</tr>
<tr>
<td>ARCH 4055</td>
<td>Environment and Building Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>ARCH 4056</td>
<td>Environment and Building Systems</td>
<td>3 credits</td>
</tr>
<tr>
<td>ARCH 4044</td>
<td>(LAR 4124) Professional Practice</td>
<td>3 credits</td>
</tr>
<tr>
<td>*ARCH 4515</td>
<td>Architecture V (Pre: ARCH 4004, 4014; Co: ARCH 4514)</td>
<td>6 credits (see GPA req.)</td>
</tr>
<tr>
<td>*ARCH 4516</td>
<td>Architecture V (Pre: ARCH 4514, 4515; Co: ARCH 4524)</td>
<td>6 credits (see GPA req.)</td>
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</tbody>
</table>

### IV. Professional Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE xxxx</td>
<td>Professional Elective</td>
<td>3 credits (see note #1)</td>
</tr>
<tr>
<td>COURSE xxxx</td>
<td>Professional Elective</td>
<td>3 credits (see note #1)</td>
</tr>
</tbody>
</table>

### V. Free Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE xxxx</td>
<td>Free Elective</td>
<td>9-11 credits (see note #2)</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>160 credits required</td>
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</tbody>
</table>

**Foreign Language Requirements**

Foreign Language Requirement: students who did not complete 2 units of a foreign language in high school must earn 6 credits of a college foreign language, such credits to be in addition to those normally required for graduation.

**Notes**

*Prerequisite/Corequisite:* Some courses listed on this checklist may have prerequisites and/or corequisites; please consult the University Course Catalog or check with your advisor.

1. Professional elective requirements may be satisfied with courses in ARCH, ART, BC, CAUS, IDS, ITDS, LAR, SPIA, and UAP at the undergraduate level, if NOT listed as required for the degree. Students choosing the professional electives which are repeatable for credit (Arch 3514, 4214, 4414) may repeat these courses ONLY if they are listed with different subtopic titles; duplication of topics will NOT be allowed. Review the Undergraduate Course Catalog for the maximum number of credit hours allowed for each course. For students choosing to take courses from the categories listed below, no more than one course in each of the three ARCH subject areas of "Media & Methods," "Technology," and "History & Theory" can be counted towards their Professional Elective requirements.

Subject: "Media & Methods" consist of the following courses: ARCH 3514: Design-Related Media; ARCH 4164: Computer Applications in Design; ARCH 4304: Topics in Design Methods.


Subject: "History & Theory" consists of the following courses: ARCH 4214: Topics in Architecture History and Theory and ARCH 4654: Urbanization and Urbanism in Europe.

The following courses are not approved for the professional elective requirement: Independent Study 2974, 4974; Special Study 2984, 4984; Undergraduate Research 4994

2. It is recommended that free elective credits be taken at the 2000-level and higher.

3. A minimum 2.0 GPA in Architecture courses is required for graduation.

4. A minimum overall 2.0 GPA is required for graduation.

5. Critical Analysis of Identity & Equity in the US may be double counted with another core outcome.