

# Architecture

## Department Information

- **Department Web Site:**  
[www.ndsu.edu/architecture/](http://www.ndsu.edu/architecture/) (<http://www.ndsu.edu/architecture/>)
- **Credential Offered:**  
B.S. Arch.
- **Sample Program Guide:**  
[catalog.ndsu.edu/programs-study/undergraduate/architecture/#planofstudytext](http://catalog.ndsu.edu/programs-study/undergraduate/architecture/#planofstudytext) (<http://catalog.ndsu.edu/programs-study/undergraduate/architecture/#planofstudytext>)

## Major Requirements

### Major: Architecture

**Degree Type:** B.S.Arch

**Minimum Degree Credits to Graduate:** 138

### University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 30 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.
6. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
7. Students presenting transfer credit must meet the NDSU residence credits and the minimum upper level credit. Of the 30 credits earned in residence, a minimum of 15 semester credits must be in courses numbered 300 or above, and 15 semester credits must be in the student's curricula for their declared major.

For complete information, please refer to the Degree and Graduation Requirements (<http://catalog.ndsu.edu/academic-policies/undergraduate-policies/degree-and-graduation/>) section of this Bulletin.

### University General Education Requirements

A list of university approved general education courses and administrative policies are available here (<http://catalog.ndsu.edu/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

Code	Title	Credits
<b>Category C: Communication</b>		<b>12</b>
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
<b>Category R: Quantitative Reasoning <sup>†</sup></b>		<b>3</b>
<b>Category S: Science and Technology <sup>†</sup></b>		<b>10</b>
<b>Category A: Humanities and Fine Arts <sup>†</sup></b>		<b>6</b>
<b>Category B: Social and Behavioral Sciences <sup>†</sup></b>		<b>6</b>
<b>Category W: Wellness <sup>†</sup></b>		<b>2</b>
<b>Category D: Cultural Diversity <sup>**†</sup></b>		
<b>Category G: Global Perspectives <sup>**†</sup></b>		
<b>Total Credits</b>		<b>39</b>

\*

Courses for category D & G are satisfied by completing D & G designated courses in another general education category.

†

General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.

Code	Title	Credits
<b>Architecture Requirements</b>		
ANTH 111	Introduction to Anthropology (May satisfy general education category B and D)	3
ARCH 231	Creativity and Communication	3
ARCH 232	Design Technology	3
ARCH 233	Math for Designers	1
ARCH 271	Architectural Design I	6
ARCH 272	Architectural Design II	6
ARCH 321	History and Theory of Architecture I (May satisfy general education category A and G)	3
ARCH 322	History and Theory of Architecture II	3
ARCH 323	History and Theory of Architecture III	3
ARCH 341	Site Design for Architects	3
ARCH 344	Architectural Structures I	3
ARCH 351	Materials & Construction	3
ARCH 371	Architectural Design III	6
ARCH 372	Architectural Design IV	6
ARCH 443	Architectural Structures II	3
ARCH 450	Architectural Detailing	3
ARCH 453	Environmental Control Systems: Passive Principles	3
ARCH 454	Environmental Control System: Active System	3
ARCH 461	Urban Design	3
ARCH 471	Architectural Design V (Capstone)	6
ARCH 472	Architectural Design VI	6
or ARCH 474	International Design Studio	
Select one Upper Division Writing English from the following:		3
ENGL 320	Business and Professional Writing	
ENGL 326	Writing in the Design Professions	
ENGL 357	Visual Culture and Language	
ENVD 101	Introduction to Environmental Design (May satisfy a general education category A)	3
ENVD 102	Drawing Basics for Environmental Designers	1
ENVD 104	Environmental Design Fundamentals	1
ENVD 130	Drawing Skills for Environmental Designers	3
ENVD 172	Environmental Design Fundamentals Studio	3
PHYS 120	Fundamentals of Physics (May satisfy general education category S)	3
PSYC 111	Introduction to Psychology (May satisfy general education category B)	3
<b>Elective Requirements</b>		
SOC 110	Introduction to Sociology (May satisfy general education category B)	3
PHIL Elective		3
<b>Total Credits</b>		<b>105</b>

## Degree Requirements and Notes

- A grade of C or higher is required in all courses with an ARCH and ENVD prefix.
- If a student receives a grade of "D" or "F" in studio, he/she will be required to repeat the studio class the following year, before advancing to the next studio course.