Residential Construction, Minor

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tr>
<td>Requirements for the Minor</td>
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Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>AE 470</td>
<td>Residential Building Design and Construction</td>
<td>3</td>
</tr>
<tr>
<td>AE 471</td>
<td>CONSTRUCTION MANAGEMENT OF RESIDENTIAL BUILDING PROJECTS</td>
<td>3</td>
</tr>
<tr>
<td>ARCH 412</td>
<td>Integrative Energy and Environmental Design</td>
<td>3</td>
</tr>
<tr>
<td>CE 411</td>
<td>Residential Construction Design Project</td>
<td>1</td>
</tr>
</tbody>
</table>

Additional Courses

Select 12 credits from one of the following tracks:

- Architecture Track
  - AE 211
  - AE 421 Architectural Structural Systems I
  - AE 422 Architectural Structural Systems II
  - FIN 100 Introduction to Finance
  - RM 303 Real Estate Fundamentals

- Architectural Engineering Track
  - AE 202 Introduction to Architectural Engineering Concepts
  - AE 372 Introduction to the Building Construction Industry
  - AE 402 Design of Concrete Structures for Buildings
  - AE 404 Building Structural Systems in Steel and Concrete
  - AE 454 Advanced Heating, Ventilating, and Air Conditioning
  - AE 456
  - AE 542 Building Enclosure Science and Design
  - BE 462 Design of Wood Structures

- Civil Engineering Track
  - AE 432 Design of Masonry Structures
  - AE 542 Building Enclosure Science and Design
  - BE 462 Design of Wood Structures
  - CE 332 Professionalism, Economics & Construction Project Delivery