Wood Innovation for Sustainability with Art & Design Option

Wood Innovation students facilitate the creation of, manufacturing, and marketing of products made from renewable materials. Create innovative products, coordinate supply chains, market products, start new businesses, and more.

A&D students engage with renewable materials on an aesthetic level, whether as interior designers, fine artists, or entrepreneurs. Learn how renewable materials function in human space, building with green materials, and green architecture.

Your Bachelor’s Degree (BS) in Wood Innovation for Sustainability

- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- WINS students must complete at least six months of work experience related to their field.
- Only courses with letter prefixes and numbers above 100 are accepted.
- More info at forestry.oregonstate.edu/undergraduate-programs/rm/art-and-design

Courses Required for Wood Innovation Major

<table>
<thead>
<tr>
<th>WINS Core Requirements</th>
<th>Chemeketa Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry I</td>
<td>CH 121</td>
<td>CH 121</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>General Chemistry II</td>
<td>CH 122</td>
<td>CH 122</td>
<td>Available online at OSU</td>
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<tr>
<td>Public Speaking</td>
<td></td>
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</tr>
<tr>
<td>Argument &amp; Critical Discourse</td>
<td>COMM 111</td>
<td>COMM 111</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Interpersonal Communication</td>
<td>COMM 112</td>
<td>COMM 114</td>
<td>Available online at OSU</td>
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<td></td>
<td>COMM 218</td>
<td>COMM 218</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Forest Biology</td>
<td></td>
<td>FES 240</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Introduction to Forestry</td>
<td>FOR 111</td>
<td>FOR 111</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Computing Applications in Forestry</td>
<td>FOR 112</td>
<td>FOR 112</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Writing in Business</td>
<td>BA 214</td>
<td>WR 214</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Technical Writing</td>
<td>WR 227</td>
<td>WR 327</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Wood Innovation for Sustainability</td>
<td>WSE 111</td>
<td>WSE 111</td>
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<tr>
<td>Bio, Structure, and Utilization of Wood Plants</td>
<td>WSE 210</td>
<td>WSE 210</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Woodturning with Science I</td>
<td>WSE 211</td>
<td>WSE 211</td>
<td></td>
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<tr>
<td>Building Design Innovation with Wood</td>
<td>WSE 225</td>
<td>WSE 225</td>
<td></td>
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<tr>
<td>Anatomy of Woody Plants</td>
<td>WSE 320</td>
<td>WSE 320</td>
<td></td>
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<tr>
<td>WIN5 Capstone</td>
<td>WSE 414</td>
<td>WSE 414</td>
<td></td>
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<tr>
<td>Forest Products Business</td>
<td>WSE 453</td>
<td>WSE 453</td>
<td></td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>WSE 461</td>
<td>WSE 461</td>
<td></td>
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<tr>
<td>Renewable Materials Manufacturing Exper.</td>
<td>WSE 465</td>
<td>WSE 465</td>
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</tbody>
</table>
## Courses Required for Art & Design Option

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Chemeketa Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sculpture I</td>
<td>ART 291</td>
<td>ART 291</td>
<td></td>
</tr>
<tr>
<td>Professional Practices for Artists</td>
<td>ART 339</td>
<td></td>
<td></td>
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<tr>
<td>Computer Aided Design</td>
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<tr>
<td>Math for Mgmt, Life, and Social Science</td>
<td>MTH 241 or 251</td>
<td>MTH 245</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Principles of Statistics I</td>
<td>MTH 243</td>
<td>ST 201</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Sanding &amp; Finishing Wood Products</td>
<td>ART 115</td>
<td>WSE 112</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>2D Core Studio</td>
<td></td>
<td>ART 115</td>
<td></td>
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<tr>
<td>Woodworking for Art &amp; Design</td>
<td>WSE 392</td>
<td></td>
<td></td>
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<tr>
<td>3D Core Studio</td>
<td>ART 117</td>
<td>ART 117</td>
<td></td>
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<tr>
<td>Woodturning with Science II</td>
<td></td>
<td>WSE 413</td>
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</table>

### Area of Concentration – 12 credits req’d.

<table>
<thead>
<tr>
<th>requirement</th>
<th>Chemeketa Course</th>
<th>OSU Course</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to the Visual Arts</td>
<td>ART 101</td>
<td>ART 101</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Foundations: Computers in Visual Art</td>
<td>ART 121</td>
<td>ART 121</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Intro to Western Art: Prehist to High Mid Ages</td>
<td>ART 204</td>
<td>ART 204</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Intro to Asian Art</td>
<td>ART 201</td>
<td>ART 208</td>
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<tr>
<td>History of Western Architecture</td>
<td>ART 265</td>
<td>ART 263</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Digital Photography</td>
<td>ART 313</td>
<td>ART 313</td>
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<tr>
<td>Art of Japan</td>
<td>ART 321</td>
<td>ART 321</td>
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<tr>
<td>Drawing Concepts</td>
<td>ART 339</td>
<td>ART 347</td>
<td></td>
</tr>
<tr>
<td>Professional Practices for Artists</td>
<td>ART 339</td>
<td>ART 347</td>
<td></td>
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<tr>
<td>Photography: Studio Lighting</td>
<td>ART 367</td>
<td>ART 391</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>History of Design</td>
<td>ART 367</td>
<td>ART 367</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Sculpture II</td>
<td>ART 391</td>
<td>ART 391</td>
<td></td>
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<tr>
<td>Intro to Arts Entrepreneurship</td>
<td>ART 451</td>
<td>ART 451</td>
<td>Available online at OSU</td>
</tr>
<tr>
<td>Textiles</td>
<td>DSGN 255</td>
<td>DSGN 255</td>
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<tr>
<td>Design Thinking and Process Innovation</td>
<td>DSGN 341</td>
<td>DSGN 341</td>
<td>Available online at OSU</td>
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<tr>
<td>Industrial Marketing of Wood Products</td>
<td>WSE 455</td>
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<tr>
<td>Approved COF International Programs</td>
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</tbody>
</table>

### Upper-Division Studio – 12 credits req’d.
**General Education Courses** (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of Chemeketa courses that fulfill Bacc Core requirements: [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-chemeketa-community-college](admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-chemeketa-community-college)

<table>
<thead>
<tr>
<th>SKILLS COURSES</th>
<th>Complete as part of major: MTH 241 or 251 WR 121. Required to transfer. Completed as part of major: BA 214 or WR 227 Completed as part of major: COMM 111, 112, or 218 HPE 295</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PERSPECTIVE COURSES</strong></td>
<td>Completed as part of major: FES 240 at OSU Completed as part of major: CH 122 Completed as part of major: WSE 210 at OSU Choose one course from area of concentration Choose one course from area of concentration Choose one course from Bacc Core link above Choose one course from Bacc Core link above</td>
</tr>
<tr>
<td><strong>DPD COURSE</strong></td>
<td>Choose one course from Bacc Core link above</td>
</tr>
<tr>
<td><strong>SYNTHESIS COURSES</strong></td>
<td>Upper division course, take through OSU Completed as part of major: WSE 392 @ OSU</td>
</tr>
</tbody>
</table>

### Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See [visitosu.oregonstate.edu/visit-campus](visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

<table>
<thead>
<tr>
<th>Chemeketa Community College</th>
<th>Joleen Schilling, Horticulture Faculty 503-399-5150 <a href="mailto:Joleen.schilling@chemeketa.edu">Joleen.schilling@chemeketa.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>OSU College of Forestry Prospective Student Advisor</td>
<td>Autumnn VanderLinden 541-737-9135 <a href="mailto:Autumn.VanderLinden@oregonstate.edu">Autumn.VanderLinden@oregonstate.edu</a></td>
</tr>
</tbody>
</table>

*Updated July 2022*