



Transfer Guide: Renewable Materials

<http://www.forestry.oregonstate.edu/academic-programs/undergraduates/renewable-materials>

Renewable Materials students must complete the RM Core requirements, as well as requirements for one of three options:

- Science & Engineering
- Marketing & Management
- Art & Design

The lower-division courses for these options are reflected here, but upper-division coursework is also required. Upper-division credit cannot be transferred from a community college.

| Renewable Materials Core Lower-Division Requirements | OSU Course | Umpqua CC Course |
|---|------------------------|-----------------------------------|
| General Chemistry I | CH 121 | CH 104 |
| General Chemistry II | CH 122* | CH 105 |
| Public Speaking or Argument & Critical Discourse | COMM 111* or COMM 114* | SP 111 or SP 112 |
| Computer Applications in Forestry | FOR 112 | ENGR 112 |
| English Composition | WR 121 | WR 121 |
| Business Writing or Technical Writing | WR 214 or WR 227 | Available online at OSU or WR 227 |
| Renewable Materials for a Green Planet | WSE 111 | |
| Renewable Materials Technology and Utilization | WSE 210 | |

| Science & Engineering Option Lower-Division Requirements | OSU Course | Umpqua CC Course |
|---|-------------------|---|
| Fundamentals of Accounting | BA 215 | BA 212 & 213 or Available online at OSU |
| Business Law | BA 230 | BA 226 |
| General Chemistry III | CH 123* | CH 106 |
| Introduction to Microeconomics | ECON 201* | ECON 201 |
| Introduction to Macroeconomics | ECON 202* | ECON 202 |
| Introduction to Forestry | FOR 111 | FOR/NR 201 |
| Dendrology | FES 241 | FOR/NR 241 |
| Forest Biology (or BI 101 or BI 211) | FES 240* | FOR/NR 240 |
| Differential Calculus | MTH 251* | MTH 251 |
| Integral Calculus | MTH 252 | MTH 252 |
| Vector Calculus | MTH 254 | MTH 254 |
| General Physics with Calculus I | PH 211* | PH 211 |
| General Physics with Calculus II | PH 212 | PH 212 |
| General Physics with Calculus III | PH 213 | PH 213 |

| Marketing & Management Option Lower-Division Requirements | OSU Course | Umpqua CC Course |
|--|-------------------|-------------------------|
| Financial Accounting | BA 211 | BA 212 |
| Managerial Accounting | BA 213 | BA 213 |
| Business Law | BA 230 | BA 226 |
| Introduction to Entrepreneurship | BA 260 | Available online at OSU |
| Introduction to Microeconomics | ECON 201* | ECON 201 |
| Introduction to Macroeconomics | ECON 202* | ECON 202 |
| Introduction to Forestry | FOR 111 | Available online at OSU |
| Dendrology | FES 241 | FOR/NR 241 |
| Forest Biology (or BI 101 or BI 211) | FES 240* | FOR/NR 240 |
| College Algebra | MTH 111* | MTH 111 |
| Calculus for Business & Social Sciences | MTH 241* | MTH 241 |

| Art & Design Option Lower-Division Requirements | OSU Course | Umpqua CC Course |
|--|-------------------|-------------------------|
| 2-D Core Studio | ART 115 | ART 115 |
| 3-D Core Studio | ART 117 | ART 117 |
| Foundations: Computers in Visual Art | ART 121 | |
| Foundations: Drawing I | ART 131 | ART 131 |
| Introduction to Art History –Western | ART 206* | ART 206 |
| Drawing II/Figure | ART 234 | ART 234 |
| Digital Photography | ART 263 | |
| Sculpture I | ART 291 | ART 291 |
| College Algebra | MTH 111* | MTH 111 |
| Mathematics for Management, Life, and Social Sciences | MTH 245 | Available online at OSU |
| Industrial Hemp | WSE 266* | Available online at OSU |

In addition to courses that fulfill the Renewable Materials major requirements, students should be completing courses to fulfill [OSU's Baccalaureate Core](#) (general education curriculum on page 3). Major requirements that fulfill a Baccalaureate Core requirement are marked with an asterisk ().*

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Umpqua Community College courses that fulfill OSU's Baccalaureate Core requirements:

<http://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-umpqua-community-college>

| OSU Baccalaureate Core (Complete one course from each category) | OSU Course | Transfer Course |
|---|--|---------------------------------|
| Writing I | WR 121 English Composition | Fulfilled by major requirements |
| Writing II | WR 214 or WR 327 | Fulfilled by major requirements |
| Speech | COMM 111 Public Speaking COMM 114 Argument & Critical Discourse | Fulfilled by major requirements |
| Mathematics | MTH 105 or higher | Fulfilled by major requirements |
| Fitness | HHS 231 Lifetime Fitness for Health HHS 241 Lifetime Fitness | HPE 295 |
| Physical Science with Lab | CH 122 | Fulfilled by major requirements |
| Biological Science with Lab | FES 240 | Fulfilled by major requirements |
| Additional Science with Lab | WSE 210 | Fulfilled by major requirements |
| Western Culture | WSE 266 or Choose one course from link above | |
| Cultural Diversity | Choose one course from link above | |
| Literature & Arts | ART 206 or Choose one course from link above | |
| Social Processes & Institutions | ECON 201 or Choose one course from link above | |
| Difference, Power, Discrimination | Choose one course from link above | |
| Contemporary Global Issues | Upper-division course required | Must be completed at OSU |
| Science, Technology, Society | Upper-division course required | Must be completed at OSU |
| Writing Intensive Course – major specific | Upper-division course required | Must be completed at OSU |