



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	Tillamook Bay 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*	COMM 111 or COMM 112
Computer Applications in Forestry	FOR 112	
English Composition	WR 121	WR 121
Business Writing or Technical Writing	WR 214 or WR 327	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	Tillamook Bay 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*	EC 201
Introduction to Macroeconomics	ECON 202*	EC 202
Introduction to Forestry	FOR 111	FOR 111
Dendrology	FES 241	FOR 241
Forest Biology (or BI 101 or BI 211)	FES 240*	FOR 240
Differential Calculus	MTH 251*	MTH 251
Integral Calculus	MTH 252	MTH 252
Vector Calculus	MTH 254	Available online at OSU
General Physics with Calculus I	PH 211*	
General Physics with Calculus II	PH 212	
General Physics with Calculus III	PH 213	

Marketing & Management Option Lower-Division Requirements	OSU Course	Tillamook Bay 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	BA 250
Introduction to Microeconomics	ECON 201*	EC 201
Introduction to Macroeconomics	ECON 202*	EC 202
Introduction to Forestry	FOR 111	FOR 111
Dendrology	FES 241	FOR 241
Forest Biology (or BI 101 or BI 211)	FES 240*	FOR 240
College Algebra	MTH 111*	MTH 111
Calculus for Business & Social Sciences	MTH 241*	MTH 241

Art & Design Option Lower-Division Requirements	OSU Course	Tillamook Bay 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	
Digital Photography	ART 263	
Sculpture I	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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Tillamook Bay Community College courses that fulfill OSU's Baccalaureate Core requirements:

<http://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-tillamook-bay-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 or COMM 114	Fulfilled by major requirements
Mathematics	MTH 105 or higher	Fulfilled by major requirements
Fitness	HHS 231 Lifetime Fitness for Health HHS 241 Lifetime Fitness	HE 295 PE 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 201/202 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