

## Forest Engineering & Civil Engineering Double Degree

<http://www.forestry.oregonstate.edu/academic-programs/undergraduates/forest-engineering-civil-engineering>

Forest/Civil Engineering Major Requirements	OSU Course	Green River Course
Civil & Construction Engineering Orientation	CCE 101	
Civil Engineering II: Engineering Graphics & Design	CCE 201	
Chemistry for Engineering Majors I	CH 201	
Chemistry for Engineering Majors II with Lab	CH 202 & CH 205	
Public Speaking or Argument & Critical Discourse	COMM 111* or COMM 114*	CMST& 111 or CMST 245
Intro to Microeconomics	ECON 201*	ECON& 201
Statics	ENGR 211	ENGR& 214
Dynamics	ENGR 212	ENGR& 215
Strength of Materials	ENGR 213	ENGR& 225
Intro to Forest Engineering	FE 101	
Forest Engineering Problem Solving & Technology	FE 102	
Forest Surveying	FE 208	
Forest Photogrammetry	FE 209	Available online at OSU
GIS & Forest Engineering Applications	FE 257	Available online at OSU
Tree & Shrub Identification	FES 141	NATRS 183
Forest Biology	FES 240*	Available online at OSU
Soil Science Lab	FOR 206*	
Differential Calculus	MTH 251*	MATH& 151
Integral Calculus	MTH 252	MATH& 152
Vector Calculus	MTH 254	
Applied Differential Equations	MTH 256	MATH 238
Matrix & Power Series Methods	MTH 306	
General Physics I with Calculus	PH 211*	PHYS& 221
General Physics II with Calculus	PH 212	PHYS& 223
General Physics III with Calculus	PH 213	PHYS& 222
Soil Science	SOIL 205*	
Intro to Statistics for Engineers	ST 314	Available online at OSU
English Composition	WR 121*	ENGL& 101

*In addition to courses that fulfill the Forest & Civil Engineering major requirements, students should be completing courses to fulfill [OSU's Baccalaureate Core](#) (general education curriculum). Major requirements that fulfill Baccalaureate Core are marked with an asterisk (\*).*

*Forest Engineering and Civil Engineering include professional programs (the junior and senior years) which require special applications. Prospective students should work with OSU College of Forestry staff for assistance in navigating that process successfully.*

**Green River Contact:** Natural Resources Department  
253-833-9111 ext. 3393  
[naturalresources@greenriver.edu](mailto:naturalresources@greenriver.edu)

**OSU Contact:** College of Forestry Student Services Office  
541-737-1594  
[Forestrystudentservices@oregonstate.edu](mailto:Forestrystudentservices@oregonstate.edu)