

# B.S. in Forest Engineering

2024-2025

	Fall		Winter		Spring		Opportunities
<b>First Year</b>	CH 201: Chemistry for Engineers FE 101: Intro to Forest Engineering FOR 111: Intro to Forestry <i>MTH 251: Differential Calculus</i> <i>WR 121Z: English Composition</i>	3 2 3 4 4	<i>ECON 201: Intro to Microeconomics</i> FE 102: FE Prob Solving & Technology <i>HHS 231: Lifetime Fitness</i> <i>HHS 241 or PAC: Fitness Activity</i> MTH 252: Integral Calculus Free Elective	4 3 2 1 4 4 2	<i>COMM 111Z/114: Communication</i> <i>FES 240: Forest Biology</i> MTH 254: Vector Calculus <i>PH 211: General Physics with Calc I</i>	3-4 4 4 4	Work Experience, Volunteer, or internship
	Total Credits	16	Total Credits	16	Total Credits	15-16	
<b>Second Year</b>	ENGR 211: Statics FE 208: Forest Surveying MTH 256: Applied Diff. Equations PH 212: General Physics with Calc II	3 4 4 4	CCE 201: Civil Engr Graphics & Design ENGR 213: Strength of Materials FE 257: GIS & Forest Engr Applications ST 243Z: Principles of Statistics <i>Bacc Core – Literature Arts</i>	3 3 3 4 3	ENGR 212: Dynamics FES 241: Dendrology <i>SOIL 205: Soil Science</i> <i>FOR/SOIL 206: Forest Soils Lab</i> <i>WR 227Z: Technical Writing</i> <i>Bacc Core – Western Culture</i>	3 3 3 1 4 3	Work Experience, Volunteer, or internship  September – Forestry Field School
	Total Credits	15	Total Credits	16	Total Credits	17	
<b>Third Year</b>	BEE 311: Ecological Fluid Mechanics FE 312: Forestry Field School FE 371: Harvesting Processes Engr FE 434: Forest Watershed Mgmt FOR 321: Forest Mensuration	4 2 4 4 5	FE 315: Soil Engineering FE 440: Forest Operations Analysis FE 470: Logging Mechanics FOR 329: Forest Resource Econ I	4 4 4 4	FE 310: Forest Route Surveying FE 316: Soil Mechanics FE 471: Harvesting Management FOR 332: Forest Resource Econ II <i>Bacc Core – Global Issues or STS</i>	4 4 3 2 3	Work Experience, Volunteer, or internship
	Total Credits	19	Total Credits	16	Total Credits	16	
<b>Fourth Year</b>	FE 444: For Remote Sens & Photogram. FE 457: Tech. for Forest Res. Analysis <i>FE 463: Forest Policy @ Regulation</i> FOR 441: Silvicultural Principles Free Elective, if needed to reach 192	4 4 3 4 1	FE 415: Forest Road Engineering FE 459: Forest Mgmt Planning & Design I FE 480: FE Practices & Professionalism <i>GEOG 300 or FW 350</i> Free Elective, if needed to reach 192	4 3 1 3 4	FE 416: Forest Road System Mgmt FE 469: For Mgmt Planning & Design II <i>Bacc Core – Diff, Power, Discrim.</i> <i>Bacc Core – Cultural Diversity</i> Free Elective, if needed to reach 192	4 4 3 3 2	
	Total Credits	16	Total Credits	15	Total Credits	14	

*Courses in italics meet Bacc Core requirements. This is a sample schedule intended for informational purposes only. Students should consult with their OSU academic advisor to create a personalized degree plan.*