

B.S. in Forest Engineering

2023-2024

	Fall		Winter		Spring		Opportunities
First Year	MTH 251: <i>Differential Calculus</i> CH 201: Chemistry for Engineers FOR 111: Intro to Forestry FE 101: Intro to Forest Engineering WR 121Z: <i>English Composition</i>	4 3 3 2 4	MTH 252: Integral Calculus ECON 201: <i>Intro to Microeconomics</i> FE 102: FE Prob Solving & Technology HHS 231: <i>Lifetime Fitness</i> HHS 241 or PAC: <i>Fitness Activity</i> Free Elective	4 4 3 2 1-2 1-2	MTH 254: Vector Calculus PH 211: <i>General Physics with Calc I</i> FES 240: <i>Forest Biology</i> COMM 111Z/114: <i>Communication</i>	4 4 4 3-4	Work Experience, Volunteer, or internship
	Total Credits	16	Total Credits	15-16	Total Credits	15-16	
Second Year	MTH 256: Applied Diff. Equations PH 212: General Physics with Calc II ENGR 211: Statics FE 208: Forest Surveying	4 4 3 4	ST 243Z: Principles of Statistics FE 257: GIS & Forest Engr Applications CCE 201: Civil Engr Graphics & Design ENGR 213: Strength of Materials <i>Bacc Core – Literature Arts</i>	4 3 3 3 3 3	ENGR 212: Dynamics FES 241: Dendrology SOIL 205: <i>Soil Science</i> FOR 206: <i>Forest Soils Lab</i> <i>Bacc Core – Western Culture</i> WR 227Z: <i>Technical Writing</i>	3 3 3 1 3 4	Work Experience, Volunteer, or internship September – Forestry Field School
	Total Credits	15	Total Credits	16	Total Credits	17	
Third Year	FE 434: Forest Watershed Mgmt FOR 321: Forest Mensuration FE 371: Harvesting Processes Engr BEE 311: Ecological Fluid Mechanics FE 312: Forestry Field School	4 5 4 4 2	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	
Fourth Year	FE 460: <i>Forest Ops Regulations & Policy</i> FE 457: Tech. for Forest Res. Analysis FE 444: For Remote Sens & Photogram. FOR 441: Silvicultural Principles Free Elective, if needed to reach 192	3 4 4 4 1	FE 459: Forest Mgmt Planning & Design I FE 415: Forest Road Engineering FE 480: FE Practices & Professionalism GEOG 300 or FW 350 Free Elective, if needed to reach 192	4 3 1 3 4	FE 469: For Mgmt Planning & Design II FE 416: Forest Road System Mgmt <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.