

B.S. in Forest Engineering

2022-2023

	Fall		Winter		Spring		Summer
First Year	*MTH 251: Differential Calculus CH 201: Chemistry for Engineers FOR 111: Intro to Forestry FE 101: Intro to Forest Engineering *WR 121: English Composition	4 3 3 2 4	*MTH 252: Integral Calculus *ECON 201: Intro to Microeconomics FE 102: FE Prob Solving & Technology *HHS 231: Lifetime Fitness *HHS 241 or PAC: Fitness Activity Free Elective	4 4 3 2 1-2 2	MTH 254: Vector Calculus *PH 211: General Physics with Calc I *FES 240: Forest Biology *COMM 111/114: Communication	4 4 4 3	Work Experience, Volunteer, or internship
	Total Credits	16	Total Credits	16-17	Total Credits	15	
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 201: Principles of Statistics FE 257: GIS & Forest Engr Applications CCE 201: Civil Engr Graphics & Design ENGR 213: Strength of Materials *Bacc Core – Literature Arts	4 3 3 3 3	ENGR 212: Dynamics FES 241: Dendrology *SOIL 205: Soil Science *FOR 206: Forest Soils Lab *Bacc Core – Western Culture *WR 327: Technical Writing	3 3 3 1 3 3	September – Forestry Field School
	Total Credits	15	Total Credits	16	Total Credits	16	
Third Year	FE 434: Forest Watershed Mgmt FOR 321: Forest Mensuration FE 371: Harvesting Processes Engr FE 330: FE Fluid Mech & Hydraulics FE 312: Forestry Field School	4 5 4 3 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 441: Silvicultural Principles FOR 332: Forest Resource Econ II	4 4 3 4 2	Work Experience, Volunteer, or internship
	Total Credits	18	Total Credits	16	Total Credits	17	
Fourth Year	FE 460: Forest Ops Regulations & Policy FE 457: Tech. for Forest Res. Analysis FE 444: For Remote Sens & Photogram. *Bacc Core – Global Issues or STS Free Elective, if needed to reach 192	3 4 4 3 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 5-7	FE 469: For Mgmt Planning & Design II FE 416: Forest Road System Mgmt *Bacc Core – Diff, Power, Discrim. *Bacc Core – Cultural Diversity Free Elective, in needed to reach 192	4 4 3 3 2	
	Total Credits	15	Total Credits	16-18	Total Credits	16	

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