

B.S. in Wood Innovation for Sustainability

Science & Engineering Option | 2023-2024

	Fall		Winter		Spring		Opportunities
First Year	MTH 251: Differential Calculus CH 121: General Chemistry I FOR 111: Intro to Forestry WSE 111: Wood Innov for Sus	4 5 3 2	WSE 250: CAD for Wood Products MTH 252: Integral Calculus <i>CH 122: General Chemistry II with Lab</i> FOR 112: Computing Apps in Forestry	3 4 5 3	MTH 254: Vector Calculus <i>CH 123: General Chemistry III</i> <i>PAC: Physical Activity Course</i> WR 121Z: English Composition <i>HHS 231: Lifetime Fitness for Health</i>	4 5 1 4 2	Work Experience, Volunteer, or internship
	Total Credits	14	Total Credits	15	Total Credits	16	
Second Year	COMM 111 or 114 or 218: Speech WSE 210: RM Tech & Utilization WSE 211: Woodturning I <i>PH 211: General Physics w/ Calc.</i> Free elective	3-4 4 4 4 2	<i>PH 212: General Physics w/ Calc</i> WR 214: Business Writing <i>or WR 227Z: Technical Writing</i> <i>ECON 201: Intro to Macroeconomics</i> <i>Difference, Power, Discrimination BC</i>	4 3-4 4 3	<i>PH 213: General Physics w/ Calc</i> ST 243Z, 314, or 351: Stats <i>FES 240: Forest Biology</i> WSE 225: Bldg Design with Wood	4 3-4 4 3	Work Experience, Volunteer, or internship
	Total Credits	16-17	Total Credits	14-15	Total Credits	14-15	
Third Year	WSE 320: Wood Anatomy WSE 321: Wood Chemistry Area of Concentration course 1 of 4 <i>Western Culture Bacc Core course</i> Free elective	3 3 4 3 3	WSE 322: Phys & Mech Prop of Wood Area of Concentration course 2 of 4 <i>Literature @ Arts Bacc Core</i> Free elective	4 4 3 4	WSE 430 or MATS 321: Engineering WSE 324: Phys & Mech Prop of Wood <i>Contemporary Global Issues Bacc Core</i> Free Elective	4 3 3 4	Work Experience, Volunteer, or internship September: WSE 465 Field Trip
	Total Credits	16	Total Credits	15	Total Credits	14	
Fourth Year	WSE 465: Wood Prod Field School WSE 461: Intro Wood Prod Mfg WSE 425: Timber Tectonics Area of Concentration course 3 of 4	2 4 4 4	WSE 453: Forest Products Business WSE 462: Advanced Manufacturing I Area of Concentration course 4 of 4 Free elective	3 4 4 3	WSE 463: Advanced Manufacturing II <i>WSE 385: Evaluating Sustainability</i> <i>Cultural Diversity Bacc Core</i> Free Elective Free Elective to reach 180 cr. total	3 3 3 3 3+	
	Total Credits	14	Total Credits	14	Total Credits	15+	

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 Courses are italicized.*