

B.S. in Wood Innovation for Sustainability

Science & Engineering Option | 2022-2023

	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	*MTH 252: Integral Calculus *CH 122: General Chemistry II with Lab FOR 112: Computing Apps in Forestry *COMM 111 or 114 or 218: Speech	4 5 3 3	MTH 254: Vector Calculus *CH 123: General Chemistry III PAC: Physical Activity Course *WR 121: English Composition *HHS 231: Lifetime Fitness for Health	4 5 1 4 2	Work Experience, Volunteer, or internship
	Total Credits	14	Total Credits	15	Total Credits	16	
Second Year	*WSE 210: RM Tech & Utilization WSE 211: Woodturning I *PH 211: General Physics w/ Calc. Free elective	4 4 4 4	PH 212: General Physics w/ Calc *WR 214: Business Writing or WR 327: Technical Writing *ECON 201: Intro to Macroeconomics *Difference, Power, Discrimination BC	4 3 4 3	PH 213: General Physics w/ Calc ST 201 or 314: Stats. For Engineers *FES 240: Forest Biology WSE 225: Bldg Design with Wood	4 3-4 4 3	Work Experience, Volunteer, or internship
	Total Credits	16	Total Credits	14	Total Credits	14-15	
Third Year	WSE 320: Wood Anatomy WSE 321: Wood Chemistry Area of Concentration course *Western Culture Bacc Core course Free elective	3 3 4 3 3	WES 430: Fund of Engr Mechanics Area of Concentration course *Literature & Arts Bacc Core Free elective	4 4 3 4	WSE 324: Phys & Mech Prop of Wood *Contemporary Global Issues Bacc Core *Science/Tech/Society Bacc Core Free elective to reach 180 cr. total	3 3 3 3+	Work Experience, Volunteer, or internship September: WSE 465 Field Trip
	Total Credits	16	Total Credits	15	Total Credits	12+	
Fourth Year	WSE 465: RM Manufacturing Exp. WSE 461: Bio-Based Product Manuf. WSE 425: Timber Tectonics Area of Concentration course	2 4 4 4	WSE 462: Advanced Manufacturing I WSE 414: WInS Capstone *WSE 453: Forest Products Business Area of Concentration course	4 4 3 4	WSE 463: Advanced Manufacturing II WSE 471: RM in Building Construction *Cultural Diversity Bacc Core Free Elective to reach 180 cr. total	3 3 3 3+	
	Total Credits	14	Total Credits	15	Total Credits	12+	

*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*