

B.S. in Renewable Materials

Advanced Wood Manufacturing Option | 2020-2021

	Fall		Winter		Spring		Opportunities
First Year	CH 121: General Chemistry I FOR 111: Intro to Forestry COMM 111: Public Speaking or COMM 114: Argument WSE 111: RM for a Green Planet	5 3 3 2	MTH 251: Differential Calculus CH 122: General Chemistry II with Lab FOR 112: Computing Apps in Forestry HHS 231: Lifetime Fitness for Health Cultural Diversity Bacc Core	4 5 3 2 3	MTH 252: Integral Calculus CH 123: General Chemistry III PAC: Physical Activity Course WR 121: English Composition Free Elective	4 5 1 3 3	Work Experience, Volunteer, or internship
	Total Credits	13	Total Credits	17	Total Credits	16	
Second Year	IE/MFGE 285: Indus/Mfg Engr PH 211: General Physics w/ Calc. WSE 250: CAD WSE 210: RM Tech & Utilization	3 4 3 4	ECON 201: Intro to Macroeconomics PH 212: General Physics w/ Calc WR 214: Business Writing or WR 327: Technical Writing Free Elective	4 4 3 3	PH 213: General Physics w/ Calc ST 314: Stats. For Engineers or IE 255: Intro. quantitative Analysis FES 240: Forest Biology WSE 225: Princ. Of Arch Design w/ RM	4 3 4 3	Work Experience, Volunteer, or internship
	Total Credits	14	Total Credits	14	Total Credits	14	
Third Year	WSE 350: Sec Prod Design & Mfg WSE 321: Chemistry of RM WSE 455: Indust. Mktg in For Sector BA 315: Fund. Of Accounting WSE 320: Wood Anatomy	3 3 3 4 3	WSE 351: Advanced CAD WSE 322: Phys & Mech Prop of RM IE 366: Work Systems Engineering Literature @ Arts Bacc Core	3 4 4 3	WSE 352: CAM for CNC/Laser Eng. WSE 324: RM Laboratory ENGR 390: Engineering Economy Contemporary Global Issues Bacc Core ECON 202: Intro to Macroeconomics	3 3 3 3 4	Work Experience, Volunteer, or internship September: WSE 465 Field Trip
	Total Credits	16	Total Credits	14	Total Credits	16	
Fourth Year	WSE 465: RM Manufacturing Exp. WSE 461: Bio-Based Product Manuf. WSE 425: Timber Tectonics IE 367: Production Plan. & Control	2 4 4 4	WSE 462: Advanced Manufacturing I WSE 453: Forest Products Business WSE 450: Entrep. Prod. Develop. I Western Culture Bacc Core Free Elective	4 3 3 3 3	WSE 451: Entrep. Prod. Develop. II WSE 463: Advanced Manufacturing II Difference, Power, Discrimination BC Science/Tech/Society Bacc Core Free Elective (to reach 180 credits)	3 4 3 3 3	
	Total Credits	16	Total Credits	16	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.