

**School of Plant and Environmental Sciences  
Minor in Plant Health Sciences  
Check Sheet**

**APPROVED**  
COMMISSION ON UNDERGRADUATE  
STUDIES AND POLICIES

**College of Agriculture and Life Sciences**  
For Students Graduating in Calendar Year 2021

Course No.	Title	Credits
	<b>Choose 1 from the following entry level courses</b>	
ALS/BIOL 2404	Biotechnology in a Global Society - Pre: (BIOL 1015, BIOL 1016) or (BIOL 1105, BIOL 1106) or (BIOL 1205H, BIOL 1206H), (CHEM 1015, CHEM 1016)	3
HORT 2184	Plants, Places, Cultures Globally	3
HORT 2234	Environmental Factors in Horticulture	3
PPWS 2004	Mysterious Mushrooms, Malicious Molds	3
PPWS 2104	Plants, Genes and People – Pre: (BIOL 1005 or BIOL 1105)	3
FREC 2114	Ecology of Appalachian Forests	3
	<b>Required core courses (10 cr)</b>	
CSES 4344	Crop Physiology and Ecology	3
PPWS 3754	Weeds that Shape our World – Pre: (BIOL 1005 or BIOL 1105 or BIOL 1205H), (BIOL 1006 or BIOL 1106 or BIOL 1206H)	3
PPWS 4104	Plant Pathology – Pre: (BIOL 1005 or BIOL 1105), (BIOL 1006 or BIOL 1106)	4
	<b>Choose 1 from the following plant /plant pest courses</b>	
PPWS 4604	Biological Invasions – Pre: (BIOL 1105, BIOL 1106)	3
PPWS/ENT 4264	Pesticide Usage – Pre: (CHEM 2514 or 2536)	3
BIOL 3204	Plant Taxonomy – Pre: (1005 or 1105 or 1205H or ISC 2105), (BIOL 1006 or BIOL 1106 or BIOL 1206H)	3
CSES 4144	Plant Breeding and Genetics	3
ENT 4254	Insect Pest Management	3
	<b>Choose 1 elective course below or additional plant/ plant pest course from list above</b>	
BIOL/HORT 2304	Plant Biology – Pre: (BIOL 1005 or BIOL 1205H or ISC 2105), (BIOL 1006 or BIOL 1106 or BIOL 1206H)	3
CSES/ENSC 3114/GEOS 3614	Soils – Pre: (CHEM 1035), (CHEM 1036)	3
CSES 4354	Adv. Agronomic Crops	3
ENSC/CSES/BIOL 4164	Environmental Microbiology - Pre: (BIOL 2604)	3
ENT/BIOL 3014	Insect Biology – Pre: (BIOL 1005, BIOL 1006) or (BIOL 1105, BIOL 1106) or (BIOL 1205H, BIOL 1206H)	2
ENT/BIOL 3024	Insect Biology Laboratory - Co: (ENT 3014); Pre: (BIOL 1005, BIOL 1006) or (BIOL 1105, BIOL 1106) or (BIOL 1205H, BIOL 1206H)	2
FREC 4514	Forest & Tree Pest Mgmt. – Pre: (HORT 3325 or 3326 or FREC 3324)	3
PPWS 4114	Microbial Forensics and Biosecurity – Pre: (BIOL 2604, (BIOL 2004 or 2104))	3
<b>Total Credits</b>		
Minimum credits required for Plant Health Sciences Minor = 18		
A 2.0 GPA across all courses taken in the minor is required for graduation		