

## Agricultural Plant and Soil Sciences (AGPS) 4-Yr Path 2024-2025

Fall Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
FYS 143 or 145 or 147	First Year Seminar with Humanities GE	3	FYS, C2
AGPS 128	Intro Soil Science	3	B1+B3, Major
HCOM 125, ENSTU 120, or CAD 101B or (CAD 102+CAD 90)	Reading and Writing Course	3	A2
Any GE Area C1	Arts GE (with ES)	3	C1
HDFS 200 or KIN 163 or KIN 263	Lifelong Learning & Self-Development	3	E
Spring Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
BIO 106	Intro to Plant Science	3	B2+B3
BIO 131 or ENSTU 130 or HCOM 200 or 202	Critical Thinking GE	3	A3
STAT 100 (+ STAT 10 if needed)	Intro to Statistics	3	B4, Major
CST 274 or HCOM 251 or 265 or SBS 111 or HCOM 243, SBS 114, or SBS 249	US History Requirement	3	US History US1
Language course	C2 and WCL	3	C2, WCL
Fall Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
SL 210S, ED 212S, HCOM 260S, or SBS 212S	Civics/Service Learning GE Course	3	DCSL, US2&3
HCOM 110	Fundamentals of Speaking and Listen	3	A1
CHEM 109 or AGPS 205	Intro Chem or Organic Production	3	Major
AGPS 209+213, 181, 182, 191, 192, or 297; or BIO 204, 211; or CHEM110/L; or ENVS 240	Specialized Knowledge	3	Major
Free elective or minor	Free elective	3	Free elective
Spring Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
BUS 202	Microeconomics	3	DGSS, Major
AGPS 216	Plant Propagation; Specialized Skills	3	Major
HCOM 220, 224, 229, 243, 246, or 247, or SBS 249 or SPAN 260, GS 236 or HOSP 221	GE area F (ethnic Studies)	3	F
Free elective (AGPS course recommended)	Free elective	3	Free elective
Free elective or minor	Free elective	3	Free elective
Fall Junior Courses (14 units total)	Course or GE Title	Units	GE/Major
BIO 332	Plant Physiology	3	Major
AGPS 371	Weed Science & Technology	3	Major
APGS 302	Careers in Agriculture	1	Major
BIO 306 and 306L	Biotechnology in Agriculture & Lab	4	UDB, Major
SPAN 340 or 350 or JAPN 340 or 350 or other UDC	UDC (Upper-Division Humanities/World Lang)	3	UDC, WCL
Spring Junior Courses (16 units total)	Course or GE Title	Units	GE/Major
BIO 322	Plant Pathology	4	Major
CHEM 305	Env & Agric Chemistry	3	Major
AGPS 390	Crop Management	3	Major
AGPS 301	Technical Writing for Agriculture	3	GWAR, Major
Free elective or minor	Elective if needed to get to 120 units	3	Free elective
Fall Senior Courses (14 units total)	Course or GE Title	Units	GE/Major
AGPS 350	Rsch Methods in Crop and Soil Science	3	Major
AGPS 389S or BIO 379S or sub SL 491S	Agric Svc Learn or Biol Svc Learn	3	UDSL, Major
AGPS 372	Agricultural Entomology	3	Major
AGPS 394 or 397	Ag Internship or Indep Research in Ag	2	Major
Any Upper-Division Social Science GE (UDD)	UDD (Social Sci)	3	UDD
Spring Senior Courses (16 units total)	Course or GE Title	Units	GE/Major
AGPS 470	Integrated Pest Management	3	Major

<b>APGS 490</b>	Projects in Crop Management	3	Major
<b>AGPS 415</b>	Adv Irrigation & Nutrient Management	3	Core
<b>AGPS 315 (spring) or BUS 434 (fall)</b>	Adv Soil Res. Mgmt or Agribus Regs	4	Major
<b>Free elective or minor</b>	Elective if needed to get to 120 units	3	Elective
Updated 2/29/24 for F24 catalog	<b>Total AGPS 4-yr pathway:</b>	<b>120</b>	