

# Agricultural Plant and Soil Sciences (AGPS) 4-Year Pathway

Fall Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
FYS 143 or 145 or 146 or 147	First Year Seminar with Humanities GE	3	FYS, C2
STAT 100 (+ STAT 10 if needed)	Intro to Statistics	3	Major, B4
HCOM 110	Fundamentals of Speaking and Listen	3	A1
HCOM 251 or 265 or SBS 111 or 112 or 246	US History GE	3	DHIST, US1
Free elective or minor	Free elective	3	elective
Spring Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
BIO 106	Intro to Plant Sci	3	B2+B3
HDFS 200 or KIN 163 or KIN 263 or PSY 210	Lifelong Learning and Self-Devel.	3	E
HCOM 120, ENSTU 120, or CAD 101B	Reading and Writing course	3	A2
C1 (with Ethnic Studies)	Arts GE (with ES)	3	C1 (ES)
Language course	C2 and WCL	3	C2, WCL
Fall Sophomore Courses (15 units total)	Course or GE Title	Units	GE/Major
AGPS 128	Intro Soil Sci	3	B1, B3,major
HCOM200, HCOM202, BIO131orENSTU131	Critical Thinking GE	3	A3
SL210S, ED212S, GS280S, HCOM260S,SBS212S	Civics/Service Learning GE course	3	DCSL, US2&3
CHEM 109	Introductory Chemistry	3	B1, 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	Major, DGSS
AGPS 216	Plant Propagation	3	Major
AGPS181,182,191,192,297; BIO204,230;CHEM110/L	3 units of lower-division major elective	3	major
Free elective or minor	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	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
STAT 325	Experimental Design & Analysis	4	Major
STAT 210 or elective	Statistical Computing w/ R (recommend)	1	elective
AGPS 390	Crop Management	3	Major
AGPS 301	Technical Writing for Agriculture	2	GWAR, Major
Free elective	elective	2	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	Svc Learning in Agric or Biol Svc Learn	3	UDSL, Major
AGPS 372	Agricultural Entomology	3	Major
AGPS 394 or 397	Ag Internship or Indep Rsch in Agric.	1	Major
AGPS 315 or BUS 434	Adv Soil Res. Mgmt or Agribus Regs	4	Major
Spring Senior Courses (16 units total)	Course or GE Title	Units	GE/Major
AGPS 470	Integrated Pest Management	3	Major
APGS 490	Projects in Crop Management	3	Major
AGPS 415	Adv Irrigation & Nutrient Management	3	Core
AGPS 394 or 397 or 494 or 497	Ag Internship or Indep Rsch in Agric.	1	Major
HCOM343,353,369,383, HDFS 320,321, LS 310,362; SBS 304, 320,364	UD D (Social Sci) with ES if needed	3	UDD, ES
Free elective	Free elective to reach 120 units	3	Free elective
<b>Total AGPS 4-yr pathway:</b>		<b>120</b>	