



COLLEGE OF AGRICULTURAL & LIFE SCIENCE

Entomology & Nematology: Biological Science of Insects

Bachelor of Science with Innovation Minor

*Suggested Schedule**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
BSC 2010 and 2010L Integrated Principles of Biology 1 and Laboratory (State Core GE-B)	4	BSC 2011 and 2011L Integrated Principles of Biology 2 and Laboratory (GE-B)	4
ENC 1101 or ENC 2210 or ENC 3254 or Statewide Core C Course (State Core GE-C, WR, 6000)	3	STA 2023 Intro to Statistics 1 (GE-M)	3
MAC 2233 Survey of Calculus 1 (State Core GE-M)	3	IDS 1359 Innovation in Action	2
ALS 3153 Agriculture Ecology	3	ECO 2013 Macroeconomics (State Core GE-S)	4
IDS 1940 Creativity & Design Thinking for Innovation	2	Social/Behavioral Sciences and Diversity (GE-S/D)	3
TOTAL	15	TOTAL	16
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
AEC 3033C Research & Business Writing in Agricultural and Life Sciences (WR, 6000)	4	AEC 3030C Effective Oral Communication or SPC 2608 Public Speaking	4
CHM 2045 & CHM 2045L General Chemistry and Lab (GE-P)	4	CHM 2046 & 2046L General Chemistry 2 (3) & Lab (1)	3
PHY 2004 & 2004L Applied Physics 1 and Lab (GE-P) or PHY 2020 Introduction to Principles of Physics (GE-P)	3	PMA 4570 Field Techniques in IPM	2
ENT 3003 Principles of Entrepreneurship	4	Humanities and International (State Core GE-H/N)	3
TOTAL	15	AEC 3410 Fostering Innovation through Leadership	3
		TOTAL	15
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
ENY 3005 & ENY 3005L, Principles of Entomology & Lab	4	AGR 3303 Genetics	3
MCB 2000 and 2000L Microbiology (3) & Lab (1) or MCB 3020 & 3020L Basic Biology of Microorganisms (3) & Lab (1)	4	ENY 4573 Beekeeping or ENY 4455 Social Insects or ENY 4210 Insects and Wildlife	3
PHI 3641 Conduct, Change & Consequences (GE-H, WR, 4000) or AEB 4126 Agricultural & Natural Resource Ethics (GE-H, WR 6000)	3	ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project	2
Elective	4	Approved Entomology Elective	3
TOTAL	14	Elective	3
		Composition (GE-C, WR)	3
		TOTAL	15
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
ENY 4453 Behavioral Ecology and Systematics (3) or PCB 4043C General Ecology (4)	3-4	ENY 4660 and 4660L Medical and Veterinary Entomology (2) and Laboratory (1)	3
NEM 3002 Principles of Nematology	3	ENY 4573 Beekeeping (3) or ZOO 2203C Invertebrate Zoology (4)	3-4
ENY 3510C Turf and Ornamental Entomology or ALS 4163 Challenges in Plant Resource Protection or ENY 3225C Principles of Urban Pest Management	6	Approved Entomology Elective	4
ALS 4161 Exotic Species and Biosecurity Issues or ALS 4162 Consequences of Biological Invasions or PCB 2441 Biological Invaders	3	ENY 4095 Problems in Entomology or ENY 4911 Undergraduate Research	3
ENY 4161 Insect Classification	3	TOTAL	13-14
TOTAL	15-16		

TOTAL CREDITS TO DEGREE = 120-122