

FOOD SCIENCE PRE-VET. CURRICULUM

FOOD SCIENCE DEPARTMENT - COLLEGE OF AGRICULTURE
745 AGRICULTURE MALL DRIVE, WEST LAFAYETTE, IN 47907 765-494-8256

Freshman Year

First Semester

- (1) AGR 101/ 124 Intro Ag & Pre-Vet
 - (2) BIOL 110 Biology I
 - (4) CHM 115 General Chemistry
 - (3) MA 223 Intro Analysis I
 - (3) FS 161 Science of Food
 - (3) COM 114 Fundamentals of Speech
- (16)**

Second Semester

- (3) BIOL 111 Biology II
 - (4) CHM 116 General Chemistry
 - (3) MA 224 Intro Analysis II
 - (1) VM 102 Careers in Vet. Medicine
 - (4) ENGL 106 English Composition I
 - (3) Social Science Elective
- (17)**

Sophomore Year

Third Semester

- (1) FS 298 Sophomore Seminar
 - (3) CHM 255 Organic Chemistry
 - (1) CHM 255L Organic Chemistry Lab
 - (4) PHYS 220 General Physics
 - (3) STAT 301 Elem. Stat. Methods
 - (2) BIOL 270 Cell Structure & Function
 - (2) BIOL 271 Cell Struct. & Func. Lab
 - (1) FS 235 Human Sensory
- (17)**

Fourth Semester

- (3) CHM 256 Organic Chemistry
 - (1) CHM 256 Organic Chemistry Lab
 - (4) BIOL 221 Intro. to Microbiology
 - (3) BCHM 307 Biochemistry
 - (1) BCHM 309 Biochemistry Lab
 - (4) PHYS 221 General Physics
- (16)**

Junior Year

Fifth Semester

- (1) FS 361 Food Plant Sanitation
 - (3) AGECE 217 Economics
 - (3) FS 362 Food Microbiology
 - (2) FS 363 Food Microbiology Lab
 - (3) Humanities or Soc. Sci. Elective ^(c)
 - (3) ANSC 221 Prin. of Animal Nutrition
- (15)**

Sixth Semester

- (3) FS 341 Food Processing I
 - (4) FS 453 Food Chemistry
 - (4) CHM 224 Intro. Quant. Analysis
 - (3) AGRY 320 Genetics
 - (1) AGRY 321 Genetics Lab
 - (1) FS 530 Food Ingredient Technology
- (16)**

Senior Year

Seventh Semester

- (3) FS 442 Food Processing II
 - (1) FS 482 Senior Seminar
 - (1) FS 444 Statistical Process Control
 - (6) Humanities Elective
 - (3) Written/Oral Com. Elective ^(a)
 - (3) Research Project or Elective
- (17)**

Eighth Semester

- (3) FS 443 Food Processing III (Capstone)
 - (4) FS 467 Food Analysis
 - (2) FS 245 Food Packaging
 - (1) FS 340 Food Regulations
 - (3) Written/Oral Com. Elective ^(a)
 - (3) 300 + Humanities or Soc. Sci. Elective ^(c)
- (16)**

(a) Written or Oral Communication Elective – ASL, COM 200+, ENGL 200+, YDAE 440

(b) Electives should include 9 credits International Understanding and 3 credits Multicultural Awareness

(c) 3 credit hours must be 300+ level