

POULTRY SCIENCE - BS, TECHNICAL EMPHASIS

Program Requirements

First Year

		Semester Credit Hours
Fall		
CHEM 119	Fundamentals of Chemistry I	4
POSC 201	General Avian Science	3
POSC 302	Avian Science Laboratory	1
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Semester Credit Hours		14

Spring

BIOL 111 or BIOL 107	Introductory Biology I or Zoology	4
CHEM 120	Fundamentals of Chemistry II	4
POSC 319	Breeder and Hatchery Management	3
Mathematics (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Semester Credit Hours		14

Second Year

		Semester Credit Hours
Fall		
CHEM 257	Organic Chemistry I - Structure and Function	4
POSC 308	Avian Anatomy and Physiology	3
POSC 309	Poultry Meat Production	4
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹		3
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Semester Credit Hours		17
Spring		
POSC 381	Investigation of Professional Development in Poultry Science	2
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history) ¹		3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)		3
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ¹		3

Semester Credit Hours		17
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Social and behavioral sciences (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences)	3
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Semester Credit Hours 14

Third Year

		Semester Credit Hours
Fall		
BIOL 351 or VTPB 405	Fundamentals of Microbiology or Biomedical Microbiology	4
POSC 326	Commercial Egg Industry	3
POSC 411	Poultry Nutrition	3
Government/Political science (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)		3
General elective ²		3

Semester Credit Hours 16

Spring

BICH 303	Elements of Biological Chemistry	3
POSC 412	Poultry Feed Formulation	1
POSC 429	Advanced Food Bacteriology	4
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ¹		3
General elective ²		4

Semester Credit Hours 15

Fourth Year

		Semester Credit Hours
Fall		
GENE 301 & GENE 312	Comprehensive Genetics and Comprehensive Genetics Laboratory	4
POSC 405	Egg and Poultry Meat Processing	3
POSC 427	Animal Waste Management	3
POSC 481	Poultry Science Systems	2
General elective ²		4

Semester Credit Hours 16

Spring

POSC 406	Poultry Further Processing	4
STAT 301 or STAT 302	Introduction to Biometry or Statistical Methods	3
VTPB 334	Poultry Diseases	4
General elective ²		3

Semester Credit Hours 14

Total Semester Credit Hours 120

¹ The graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses. A course satisfying a Core (<http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/>) category, a college/departement requirement, or a free elective can be used to satisfy this requirement. See academic advisor.

² To be utilized by students to enhance the science and/or business aspects of their undergraduate program.