



MISSISSIPPI STATE UNIVERSITY™

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

Department of Poultry Science

Poultry Science - Food Science Concentration (122 Hours)

Freshman Year

Fall Semester (13 hours)				Spring Semester (16 hours)			
EN	1103	English Composition I	3	EN	1113	English Composition II	3
PO	3313	Commercial Poultry Prod	3	MA	_____	Math <i>higher than MA 1313</i> *	3
_____	_____	Humanities*	3	_____	_____	Humanities*	3
BIO	1134	Biology I	4	CH	1211	Investigations in Chem I	1
				CH	1213	Chem I	3
				_____	_____	Social Science*	3
Summer Semester (3 hours)							
PO	3353	Poultry Prod Internship	3				

Sophomore Year

Fall Semester (16 hours)				Spring Semester (15 hours)			
PO	3011	Seminar	1	PO	3021	Seminar	1
		Social Science*	3			Fine Arts*	3
FLS	1113	Spanish I	3	CH	2503	Elem Org Chem	3
CH	1223	Chemistry II	3	CH	2501	Elem Org Chem lab	1
CH	1221	Invst in Chem II	1	PO	4844	Avian Anatomy & Physiology	4
FNH	2112	Food Product eval	2	FNH	3313	Inro to meat science	3
_____	_____	Free Elective hours	3				
Summer Semester (3 hours)							
PO	3363	Poultry Process Internship	3				

Junior Year

Fall Semester (15 hours)			Spring Semester (14 hours)			
PO	4031	Seminar	1	PO	3103 Genetics	3
PO	4413	Poultry Nutrition	3	FNH	4414 Microbiology of Foods	4
PO	4514	Poultry Processing	4	PO	4423 Feed Manufacturing	3
FNH	4164	Quality assurance of food pr	4	PO	4041 Seminar	1
		Free Elective hours	3	FNH	4243 Chem Comp of reactions Food	3

Senior Year

Fall Semester (14 hours)				Spring Semester (13 hours)			
PO	4313	Mgmt Commercial Layers	3	PO	4324	Avian Reproduction	4
PO	4334	Broiler Production	4	FNH	4583	Food Preservation Technology	3
FNH	4241	Applied food chemistry	1	FNH	4593	New Food Product Developme	3
FNH	4333	Food Law	3	PO	4033	Diseases of Poultry	3
		Free Elective hour	3				

Students are required to earn a 'C' or higher in all PO courses as well as BIO 3103, GNS 3103.

*Choose from General Education core

Production Systems (POPS) - 122 hours

ABE 1863 Eng Tech in Ag
ABE 4383 Building Construction
ABE 4473 Electrical Applications
ACC 2013 Prin of Financial Accounting
AEC 3133 Intro Agribusiness Mgt
BIO 1123 Animal Biology
BL 2413 Legal Env of Business
CH 1043 Survey of Chemistry I
EG 1143 Graphic Communication
PSS 3303 Soils
AEC 2713 Intro Food & Res Econ
BIO 2113 Plant Biology
6 hours Free Electives

Business Management (POBM) - 122 hours

ACC 2013 Prin of Financial Accounting
ACC 2023 Prin of Managerial Accounting
AEC 4123 Fin & Commodity Futures Mkt
BIO 1123 Animal Biology
BL 2413 Legal Env of Business
CH 1043 Survey of Chemistry I
EC 2113 Prin of Macroeconomics
AEC 3133 Intro Agribusiness Mgt
AEC 2713 Intro Food & Res Econ
AEC 3233 Intro Env Econ & Policy
BIO 2213 Plant Biology
9 hours Free Electives

Processed Products (POPP) - 122 hours

BCH 4013 Prin of Biochemistry
BIO 1134 Biology I
BIO 1144 Biology II
CH 1213 Chemistry I
CH 1223 Chemistry II
CH 4513 Organic Chemistry I
CH 4523 Organic Chemistry II
FNH 4164 Quality Assurance of Food Prod
FNH 4241 Applied Food Chemistry
FNH 4243 Comp & Chemical Rxn of Foods
FNH 4583 Food Preservation Technology
8 hours Free Electives

Pre-Veterinary (PVSP) - 124 hours

ACC 2013 Prin of Financial Accounting
AEC 3133 Intro Agribusiness Mgt
BCH 4013 Prin of Biochemistry
BIO 1134 Biology I
BIO 1144 Biology II
CH 1211 Investigations in Chemistry I
CH 1213 Chemistry I
CH 1221 Investigations in Chemistry II
CH 1223 Chemistry II
CH 4511 Organic Chemistry I Lab
CH 4513 Organic Chemistry I
CH 4521 Organic Chemistry II Lab
CH 4523 Organic Chemistry II
PH 1113 General Physics I
PH 1123 General Physics II
5 hours Free Electives