

## FS Degree Program Planner – Science Emphasis

<b>Communications (9 credits)</b>	<b>Food Science (32 credits)</b>
Exposition & Argumentation (Eng 1000) 3 Intro. Speech Comm. (Comm 1200 or AgEd 2220) 3 Selected Communication Electives 3	Food Science and Nutrition (FS 1030) 3 Elements of Food Micro (FS 2172) 3 Seminar in Prof. Development (FS 2199) 1 Seminar in Food Industry Production 1 Nutrition (NS 2340) 3 Phys. Princ. Fd. Proc. (FS 3250 or BE 4160) 3 Food Chemistry and Analysis (FS 4310) 4 Advanced Food Chemistry (FS 4311) 3 Food Chemistry and Analysis Lab (FS 4315)** 3 Processing Muscle Foods (FS 4344) 3 Food Microbiology (FS 4370) 3 Food Microbiology Lab (FS 4375) 2
<b>Mathematics (9-11 credits)</b>	<b>Choose at least 3 of 6 Food Commodity Courses (9-19 credits)</b>
College Algebra (Math 1100) 3 Calculus (Math 1300 or 1400 or 1500) 3-5 Statistics (Stat 1400) 3	Study Abrid: Int'l Meat, Dairy & Enol. (FS 3190) 3 Principles of Meat Science (FS 3214) 3 Principles of Dairy Science (FS 3231) 3 Viticulture 1 (FS 3240) 4 Principles of Wine Production (FS 3xxx) 3 Principles of Wine Cellar Operation (FS 3xxx) 3
<b>Phys. And Biol. Sci. (22 credits)</b>	<b>Choose at least 1 of 2 Capstone Courses (3-6 credits)</b>
Phys. Princ. Agric. Appl. (ASM 1040 or Phys 1210) 3 General Chemistry (Chem 1320 & 1330) 6 Biology (Bio 1500) 5 Organic Chemistry (Chem 2050) 5 General Biochemistry (BioCh 3630) 3	Food Quality Assurance (FS 4360) 3 Food Product Development (FS 4970)** 3
<b>Social and Behav. Sci. (12 credits)</b>	<b>Recommended Elective Courses (1-14 credits)</b>
American History or Political Science 3 Econ. Of Fd. & Ag. and Macro Ec (AgEc 1041 & 1042 or Econ 1014 & 1015) 6 Rural Sociology, Sociology or Psychology 3	Culinary Fundamentals (HRM 1995) 3 Grapes and Wines of the World (FS 2195) 3 Dairy Products Evaluation (FS 2131) 2 Opt. & Mgmt. Food Agric. Systems (FS 4390) 3 Internship in Food Science (FS 4941) 1-3
<b>Humanities (Comm 1200 plus 6 credits electives)</b>	<b>Business Course (3 credits) Ag. Econ. or Business School Courses</b>
For an approved list of Humanities electives go to: <a href="http://generaleducation.missouri.edu/requirements">http://generaleducation.missouri.edu/requirements</a> Click on Distribution of Content List	3
	<b>Electives sufficient to fulfill 128 credits</b>
	<b>Total hours in the program 128</b>

\*\*Courses satisfying the writing intensive requirement.