

**Check Sheet for Food Technology Concentration
2017-2018**

STUDENT _____

STUDENT'S ID _____

ADVISOR _____

COMMUNICATIONS (6-12 hours)

- ___ ENGL 1013 Composition I unless exempt (FA, SP, SU)
- ___ ENGL 1023 Composition II unless exempt (FA, SP, SU)

(choose two from the approved list of courses)

- ___ Communication Intensive Course
- ___ Communication Intensive Course

US HISTORY AND GOVERNMENT (3 hours)

(choose one from the following courses)

- ___ HIST 2003 History of American People to 1877 (FA, SP, SU)
- ___ HIST 2013 History of American People to Present (FA, SP, SU)
- ___ PLSC 2003 American National Government (FA, SP, SU)

MATHEMATICS AND STATISTICS (9-12 hours)

- ___ MATH 1203 College Algebra (FA, SP, SU)
- ___ MATH 2043 Survey of Calculus (FA, SP, SU)

(for students declaring AGBS and GBUS minors only)

- ___ MATH 2053 Finite Mathematics (FA, SP, SU)

(choose one from the following courses)

- ___ AGECE 2403 Quantitative Tools for Agribusiness (FA)
- ___ WCOB 1033 Data Analysis and Interpretation (FA, SP, SU)
- ___ STAT 2303 Principles of Statistics (FA, SP, SU)
- ___ AGST 4023 Principles of Experimentation (FA)

PHYSICAL AND BIOLOGICAL SCIENCES (20-23 hours)

- ___ BIOL 1543 & BIOL 1541L Principles of Biology (FA, SP, SU)
- ___ BIOL 2013 & BIOL 2011L General Microbiology (FA, SP, SU)
- ___ CHEM 1103 & CHEM 1101L University Chemistry I (FA, SP, SU)
- ___ CHEM 1123 & CHEM 1121L University Chemistry II (FA, SP, SU)
- ___ CHEM 2613 & CHEM 2611L Organic Physiological Chemistry (SP, SU)

(for students declaring GFNU minor only)

- ___ CHEM 3813 Introduction to Biochemistry (FA, SP, SU)

FINE ARTS AND HUMANITIES (6 hours)

Category A: Fine Arts (choose one from the following courses)

- ___ ARCH 1003 Architecture Lecture (FA, SP)
- ___ ARHS 1003 Art Lecture (FA, SP, SU)
- ___ COMM 1003 Film Lecture (FA, SP, SU)
- ___ DANC 1003 Movement & Dance (FA, SP, SU)
- ___ ENGL 2023 Creative Writing (FA, SP)
- ___ HUMN 2114H Honors Birth of Modern Culture 1600-1900 (FA)
- ___ LARC 1003 American Landscape (FA, SP, SU)
- ___ MLIT 1003 Music Lecture (FA, SP, SU)
- ___ THTR 1003 Theatre Appreciation (FA, SP, SU)
- ___ THTR 1013 Musical Theatre Appreciation (FA, SP)

Category B: Humanities (choose one from the following courses)

- ___ AAST 2023 The African American Experience (FA, SP, SU)
- ___ ARCH 1013 Diversity and Design (SP)
- ___ CLST 1003 Intro to Classical Studies: Greece (FA, odd years)
- ___ CLST 1013 Intro to Classical Studies: Rome (SP, even years)
- ___ COMM 1233 Media, Community and Citizenship (FA, SP)
- ___ ENGL 1213 Introduction to Literature (FA)
- ___ GNST 2003 Intro to Gender Studies (FA, SP)
- ___ HUMN 1124H Honors Equilibrium of Cultures, 500-1600 (SP)
- ___ HUMN 2124H Honors 20th Century Global Culture (SP)
- ___ MUSY 2003 Music in World Cultures (FA, SP)
- ___ PHIL 2003 Intro to Philosophy (FA, SP, SU)
- ___ PHIL 2103 Intro to Ethics (FA, SP, SU)
- ___ PHIL 2203 Logic (FA, SP, SU)
- ___ PHIL 3103 Ethics and the Professions (FA, SP, SU)
- ___ WLIT 1113 World Lit I (FA, SP, SU)
- ___ WLIT 1123 World Lit II (FA, SP, SU)
- ___ Any Intermediate I Foreign Language course (FA, SP, SU)

SOCIAL SCIENCES (9 hours)

(choose three from the following courses; one course must be outside AGECE/ECON discipline) Students pursuing AGBS minor must choose AGECE 1103; Students pursuing GBUS minor must choose ECON 2143

- ___ AGECE 1103 Ag Microeconomics (FA, SP)
- ___ ANTH 1023 Cultural Anthropol (FA, SP, SU)
- ___ ECON 2013 Macroeconomics (FA, SP, SU)
- ___ ECON 2143 Basic Economics (FA, SP, SU)
- ___ GEOS 2003 World Reg. Geography (FA, SP)
- ___ HESC 2413 Family Relations (FA, SP)
- ___ HIST 1113 World Civ I (FA, SP)
- ___ HIST 2003 Am. History to 1877 (FA, SP, SU)
- ___ HUMN 1114H Honors Roots of Culture to 500 C.E. (FA)
- ___ HUMN 2114H Honors Birth of Modern Culture (FA)
- ___ PLSC 2003 Am. Government (FA, SP, SU)
- ___ PLSC 2203 State & Local Govt. (FA, SP, SU)
- ___ RESM 2853 Leisure and Society (FA, SP, SU)
- ___ SOCI 2033 Social Problems (FA, SP, SU)
- ___ AGECE 2103 Ag Macroeconomics (FA, SP)
- ___ COMM 1023 Comm Diverse World (FA, SP)
- ___ ECON 2023 Microeconomics (FA, SP, SU)
- ___ GEOS 1123 Human Geography (FA, SP, SU)
- ___ HESC 1403 Life Span Develop (FA, SP)
- ___ HESC 2603 Rural Families & Communities (SP)
- ___ HIST 1123 World Civ II (FA, SP)
- ___ HIST 2013 Am. History to Pres. (FA, SP, SU)
- ___ PLSC 2013 Comparative Politics (FA, SP, SU)
- ___ PSYC 2003 Psychology (FA, SP, SU)
- ___ SOCI 2013 Sociology (FA, SP, SU)

UNIVERSITY REQUIREMENT (1 hours)

(Required for new freshmen only)

- ___ UNIV 1001 University Perspectives (FA, SP, SU)

FOOD SCIENCE CORE (26 hours)

- ___ FDSC 1011 Exploring Topics in Food Science (FA)
- ___ FDSC 1103 Introduction to Food Science (SP)
- ___ FDSC 3202 Introduction to Food Law (SP)
- ___ FDSC 3103 Principles of Food Processing with lab (FA)
- ___ FDSC 4113 & 4111L Food Analysis and lab (SP)
- ___ FDSC 4304 Food Chemistry with lab (FA)
- ___ FDSC 431V(3) Internship in Food Science (FA, SP, SU)
- ___ FDSC 4413 Sensory Evaluation of Food with lab (FA)
- ___ FDSC 4713 Product Innovation for the Food Scientist with lab (SP)

ADDITIONAL REQUIREMENTS FOR FOOD TECHNOLOGY CONCENTRATION (18-21 hours)

- ___ FDSC 2503 Food Safety and Sanitation (FA, SP) *OR*
- ___ FDSC 2523 Sanitation and Safety in Food Processing Operations (IR)
- ___ *OR* FDSC 4122 & 4121L Food Microbiology and lab (FA)

(Complete one of the following options)

Option 1: Agribusiness minor (AGBS-m)

- ___ ISYS 1120 Computer Competency Requirements (FA, SP, SU)
- ___ *AGME 2903 may be taken instead of ISYS 1120 (if chosen, hours will be counted as elective hours)
- ___ AGECE 2142 & 2141L Agribusiness Financial Records and lab (FA, SP)
- ___ AGECE 2303 Introduction to Agribusiness (FA, SP, SU)
- ___ AGECE 3303 Food & Agricultural Marketing (FA, SP)
- ___ AGECE 4313 Agricultural Business Management (FA)
- ___ 3000-4000 level business course chosen from departmental codes: *ACCT, AGECE, ECON, FINN, ISYS, MGMT, MKTG, SCMT, or WCOB*

Option 2: General Business minor (GBUS-m)

- ___ ISYS 1120 Computer Competency Requirements (FA, SP, SU)
- ___ ACCT 2013 Accounting Principles (FA, SP, SU)
- ___ MGMT 3563 Management Concepts & Organizational Behavior (IR)
- ___ MKTG 3433 Introduction to Marketing (FA, SP, SU)
- ___ 3000-4000 level Walton College course
- ___ 3000-4000 level Walton College course
- ___ *Departmental codes for Walton College courses are: *ACCT, ECON, FINN, ISYS, MGMT, MKTG, SCMT, or WCOB*

Option 3: General Foods and Nutrition minor (GFNU-m)

- ___ NUTR 1213 Fundamentals of Nutrition (FA, SP)
- ___ NUTR 2112 & 2111L Principles of Foods and lab (FA, SP)
- ___ NUTR 3203 Human Nutrition (SP)
- ___ NUTR 4213 Advanced Nutrition (FA)

(choose two from the following courses)

- ___ NUTR 2203 Sports Nutrition (SP)
- ___ NUTR 4223 Life Cycle Nutrition (FA)
- ___ NUTR 4243 Community Nutrition (SP)

NOTE: Students must declare chosen minor with the Bumpers College Dean's Office.

ELECTIVES (10-19)

OTHER GRADUATION REQUIREMENTS

120 total semester hours including:
9 hours outside departmental code (FDSC) and within Bumpers College
36 semester hours of 3000/4000 level courses
Minimum GPA of 2.00
No more than 35% online or self-paced courses