

**Check Sheet for Food Technology Concentration
2013-2014 proposed**

STUDENT _____

STUDENT'S ID _____

ADVISOR _____

COMMUNICATIONS (6-12 hours)

- ___ ENGL 1013 Composition I unless exempt
- ___ ENGL 1023 Composition II unless exempt

(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
- ___ HIST 2013 History of American People to Present
- ___ PLSC 2003 American National Government

MATHEMATICS AND STATISTICS (9-12 hours)

- ___ MATH 1203 College Algebra
- ___ MATH 2043 Survey of Calculus

(for students declaring AGBS and GBUS minors only)

- ___ MATH 2053 Finite Mathematics

(choose one from the following courses)

- ___ AGECE 2403 Quantitative Tools for Agribusiness
- ___ WCOB 1033 Data Analysis and Interpretation
- ___ STAT 2303 Principles of Statistics
- ___ AGST 4023 Principles of Experimentation

PHYSICAL AND BIOLOGICAL SCIENCES (20-23 hours)

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

(for students declaring GFNU minor only)

- ___ CHEM 3813 Introduction to Biochemistry

FINE ARTS AND HUMANITIES (6 hours)

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

- ___ ARCH 1003 Architecture Lecture
- ___ ARHS 1003 Art Lecture
- ___ COMM 1003 Film Lecture
- ___ DANC 1003 Movement & Dance
- ___ DRAM 1003 Theatre Lecture
- ___ LARC 1003 American Landscape
- ___ MLIT 1003 Music Lecture

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

- ___ ARCH 1013 Diversity and Design
- ___ CLST 1003 Intro to Classical Studies: Greece
- ___ CLST 1013 Intro to Classical Studies: Rome
- ___ HUMN 1124H Honors Equilibrium of Cultures, 500-1600
- ___ HUMN 2003 Intro to Gender Studies
- ___ HUMN 2124H Honors 20th Century Global Culture
- ___ PHIL 2003 Intro to Philosophy
- ___ PHIL 2103 Intro to Ethics
- ___ PHIL 2203 Logic
- ___ PHIL 3103 Ethics and the Professions
- ___ WLIT 1113 World Lit I
- ___ WLIT 1123 World Lit II
- ___ Any Intermediate I Foreign Language course

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

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|--|------------------------------------|
| ___ AGECE 1103 Ag Microeconomics | ___ AGECE 2103 Ag Macroeconomics |
| ___ ANTH 1023 Anthropology | ___ ECON 2013 Macroeconomics |
| ___ ECON 2023 Microeconomics | ___ ECON 2143 Basic Economics |
| ___ GEOG 1123 Human Geography | ___ GEOG 2003 World Reg. Geography |
| ___ HESC 1403 Life Span Develop | ___ HESC 2413 Family Relations |
| ___ HIST 1113 World Civ I | ___ HIST 1123 World Civ II |
| ___ HIST 2003 American History | ___ HIST 2013 American History |
| ___ HUMN 1114H Honors Roots of Culture to 500 C.E. | |
| ___ HUMN 2114H Honors Birth of Modern Culture | |
| ___ PLSC 2003 Am. Government | ___ PLSC 2013 Comparative Politics |
| ___ PLSC 2203 State & Local Govt. | ___ PSYC 2003 Psychology |
| ___ RESM 2853 Leisure and Society | ___ RSOC 2603 Rural Sociology |
| ___ SOCI 2013 Sociology | ___ SOCI 2033 Social Problems |

FOOD SCIENCE CORE (27 hours)

- ___ AFSL 1011 Freshman Orientation
- ___ FDSC 1011 Food Science Orientation
- ___ FDSC 1103 Introduction to Food Science
- ___ FDSC 3202 Introduction to Food Law – moved from below
- ___ FDSC 3103 Principles of Food Processing with lab
- ___ FDSC 4114 Food Analysis with lab – added course
- ___ ~~FDSC 4023 Quality Evaluation and Control with Lab – deleted~~
- ___ FDSC 4304 Food Chemistry with lab
- ___ FDSC 431V(3) Internship in Food Science – moved from below
- ___ FDSC 4413 Sensory Evaluation of Food with lab
- ___ FDSC 4713 Food Product & Process Development with lab

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

- ___ FDSC 2503 Food Safety and Sanitation OR
- ___ FDSC 2523 Sanitation and Safety in Food Processing Operations OR
- ___ FDSC 4122 & 4121L Food Microbiology and lab

(Complete one of the following options)

Option 1: Agribusiness minor (AGBS-m)

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

Option 2: General Business minor (GBUS-m)

- ___ WCOB 1120 Computer Competency Requirements
- ___ ACCT 2013 Accounting Principles I – changed course
- ___ MGMT 3563 Management Concepts & Organizational Behavior
- ___ MKTG 3433 Introduction to Marketing Strategy
- ___ 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, TLOG or WCOB

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

- ___ HESC 1213 Fundamentals of Nutrition
 - ___ HESC 2112 & 2111L Principles of Foods and lab
 - ___ HESC 3203 Human Nutrition
 - ___ HESC 4213 Advanced Nutrition
- (choose two from the following courses)*
- ___ HESC 2203 Sports Nutrition
 - ___ HESC 4223 Life Cycle Nutrition
 - ___ HESC 4243 Community Nutrition

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
 - 30 semester hours in Bumpers College at UA
 - Maximum of 68 hours lower division transfer courses
 - No more than 25% (31) hours of D grades