

**Check Sheet for Food Science Concentration
2019-2020**

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 (13 hours)

- ___ MATH 1203 College Algebra (FA, SP, SU)
- ___ MATH 1213 Plane Trigonometry (FA, SP, SU)
- ___ MATH 2554 Calculus I (FA, SP, SU)

(choose one from the following courses)

- ___ STAT 2303 Principles of Statistics (FA, SP, SU)
- ___ STAT 2023 Biostatistics (SP)
- ___ AGST 4023 Principles of Experimentation (SP)

PHYSICAL AND BIOLOGICAL SCIENCES (27-31 hours)

- ___ BIOL 1543 & BIOL 1541L Principles of Biology (FA, SP, SU)
- ___ BIOL 2013 & BIOL 2011L General Microbiology (FA, SP, SU)
- ___ PHYS 2013 & PHYS 2011L College Physics I (FA, SU)
- ___ CHEM 1103 & CHEM 1101L University Chemistry I (FA, SP, SU)
- ___ CHEM 1123 & CHEM 1121L University Chemistry II (FA, SP, SU)
- ___ CHEM 3813 Elements of Biochemistry (FA, SP, SU)

(choose one from the following options)

- ___ CHEM 2613 & CHEM 2611L Organic Physiol. Chem. (FA, SP, SU)
- OR
- ___ CHEM 3603 & CHEM 3601L Organic Chemistry I (FA, SU)
- ___ CHEM 3613 & CHEM 3611L Organic Chemistry II (SP, SU)

FINE ARTS AND HUMANITIES (6 hours)

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 I (FA, SP)
- ___ HUMN 2114H Honors Birth of Modern Culture 1600-1900 (FA)
- ___ LARC 1003 American Landscape (FA, SP)
- ___ MLIT 1003 Experiencing Music (FA, SP, SU)
- ___ MLIT 1333 Popular Music (SP)
- ___ THTR 1003 Theatre Appreciation (FA, SP, SU)
- ___ THTR 1013 Musical Theatre Appreciation (FA, SP)

Humanities (choose one from the following courses)

- ___ AAST 2023 The African American Experience (FA, SP, SU)
- ___ ARCH 1013 Diversity and Design (SU)
- ___ 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)
- ___ MRST 2013 Intro to Medieval & Renaissance Studies (FA, even years)
- ___ 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 (FA, SP, SU)

SOCIAL SCIENCES (9 hours)

*(choose three from the following courses)***

- ___ AGECE 1103 Ag Microeconomics (FA, SP, SU)
- ___ 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)
- ___ HDFS 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, odd yrs)
- ___ RESM 2853 Leisure and Society (FA, SP, SU)
- ___ SOCI 2033 Social Problems (IR)
- ___ 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)
- ___ HDFS 1403 Life Span Develop (FA, SP)
- ___ HDFS 2603 Rural Families & Commun (SP)
- ___ HIST 1123 World Civ II (FA, SP)
- ___ HIST 2013 Am. History Present (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)

- ___ 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 SCIENCE CONCENTRATION (10 hours)

- ___ NUTR 1213 Fundamentals of Nutrition (FA, SP)
- ___ FDSC 4122 & 4121L Food Microbiology and lab (FA)
- ___ FDSC 4754 Engineering Principles of Food Processing with lab (SP, even years)

ELECTIVES (9-19)

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
- Minimum GPA of 2.00
- No more than 35% online or self-paced courses

*See student degree audit for approved course list

**If declaring AGBS-m or GBUS-m, see advisor for requirements