

**Check Sheet for Food Science 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 (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 (FA)

**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 Physiological Chemistry (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)**

*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 I (FA, SP)
- \_\_\_ HUMN 2114H Honors Birth of Modern Culture 1600-1900 (FA)
- \_\_\_ LARC 1003 American Landscape (FA, SP)
- \_\_\_ 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 (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 20<sup>th</sup> 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 (FA, SP, SU)

**SOCIAL SCIENCES (9 hours)**

*(choose three from the following courses)*

- \_\_\_ 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, odd yrs)
- \_\_\_ RESM 2853 Leisure and Society (FA, SP, SU)
- \_\_\_ SOCI 2013 Sociology (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 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)**

*(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 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)**

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**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