# FOOD & NUTRITIONAL SCIENCES

**Food Science Option - Food Plant Operation & Management Career, B.S.**

**(120 Units)**

Valid for Catalog Years: 2018/2019 to Present

*Official planning guide approved by the Jordan College of Agricultural Sciences & Technology*

<table>
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<tr>
<th>Units</th>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
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### General Education

**A1 (3 Units)**
Oral Communication
*Must pass with a C or better*

**B2 (3-4 Units)**
Life Sciences

**C1/C2 (3-4 Units)**
Arts or Humanities

**D2 (3 Units)**
American Government

**IB (3 Units)**
Physical Universe & Its Life Forms

**ID (3-4 Units)**
Social, Political, & Economic Institutions

**IC (3-4 Units)**
Arts & Humanities

**A2 (3 Units)**
Written Communication
*Must pass with a C or better*

**C1 (3-4 Units)**
Arts

**C2 (3-4 Units)**
Humanities

**D3 (3 Units)**
Social Science

**E1 (3 Units)**
Lifelong Understanding & Self Development

**A3 (3 Units)**
Critical Thinking
*Must pass with a C or better*

**D1 (3 Units)**
American History

For assistance or to schedule an advising appointment, please contact the [Department of Food Science & Nutrition](#) at 559-278-2164, Family & Food Sciences 111

[Jordan College Advising & Career Development Center](#): 559-278-4019, Agricultural Sciences 110

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**GE Area B4**

MATH 75 (4 Units)
Quantitative Reasoning
[Pre-Req: Elementary geometry, intermediate algebra, & trigonometry OR precalculus. Passing score on department's Calculus Readiness Test; ELM]

**GE Area B1**

CHEM 1A (3 Units)
Physical Sciences
[Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL]
*Not open to students with credit in CHEM 1B

**GE Area B1**

CHEM 1A (3 Units)
Physical Sciences
[Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL]
*Not open to students with credit in CHEM 1B

**IT 52** (3 Units)

**BIOL 20** (4 Units)
[Pre-Req: CHEM 1A or 3A]
*Not open to students with credit in BIOL 120

**FSC 178** (3 Units)
[Pre-Req: FSC 1]

**IT 118** (3 Units)

**FSC 142** (4 Units)
[Pre-Req: FSC 41, 178; Senior standing; or instructor permission]

**FSC 141** (4 Units)
[Pre-Req: FSC 41, 178; Senior standing]

**FSC 1** (3 Units)

**CHEM 1AL** (2 Units)
Lab
[Pre-Req: CHEM 1A (may be taken concurrently)]

**IT 92** (3 Units)

**PHYS 2A** (4 Units)
[Pre-Req: DS 71, MATH 75, MATH 70, or department permission]

**IT 112** (3 Units)
[Pre-Req: IT 52]

**FSC 120** (4 Units)
[Pre-Req: FSC 1; FSC 178; CHEM 1A or 3A; MATH 11 or AGBS 71; or instructor permission]

**Career Specialty** (3 Units)
*See footnotes

**FSC 144** (4 Units)
[Pre-Req: FSC 41; PHYS 2A; MATH 75 or equivalent; or instructor permission]

**Career Specialty** (2-3 Units)
*See footnotes

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<td>MATH 11 (3 Units) [Pre-Req: ELM]</td>
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<td>NUTR 53 (3 Units)</td>
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<td>Additional Graduation Requirements</td>
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<td>UDWS (0-4 Units) *Upper Division Writing Exam OR &quot;W&quot; Course (must pass with a C or better)</td>
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FOOTNOTES:
Prerequisites/Corequisites: Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.
Grade Requirements: CR/NC grading is not permitted for courses included in the major and additional requirements, except work experience (FSC 193; FSM 193; & NUTR 193). All major and additional requirements require a grade of C or better.
Electives (1 unit): Students must earn a minimum of 120 units total to graduate. The number of required elective units may vary, depending on the amount of units earned from major and GE courses.
Career Specialty (14 units): Select 14 units from IT 104, 107, 114, 115, 117, 131, 148, or 190.
Upper Division Writing Skills requirement (UDWS): All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."
Substitutions: If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.