

FOOD & NUTRITIONAL SCIENCES

**Food Science Option - Food Plant Operation & Management Career, B.S.
 (120 Units)**

Valid for Catalog Years: 2012/2013 to Present

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

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

Units	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	15	15	15-17	17-19	12-16	17	16-18	15-17
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	MI (3 Units) Multicultural/International
	A3 (3 units) Critical Thinking *Must pass with a C or better			D1 (3 Units) American History				

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Major	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	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)	GE Area B3 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) [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	Career Specialty (3 Units) *See footnotes
		FSC 41 (3 Units) [Pre-Req: FSC 1]	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
		MATH 11 (3 Units) [Pre-Req: ELM]					Career Specialty (3 Units) *See footnotes	
		NUTR 54 (3 Units)						

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Units	15	15	15-17	17-19	12-16	17	16-18	15-17
Electives					UDWS (0-4 Units) *Upper Division Writing Exam OR "W" Course (must pass with a C or better)		Elective	

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."