

# Scott CC Transfer Plan

## Food Science, Industry Option

**Food science and industry option** - combines food science and business courses to prepare students for food processing, sales, and management positions in the food industry. Students take coursework focused on food chemistry, food microbiology, food quality assurance, sensory evaluation of food, and food product development and pursue careers as food scientists in a variety of positions within food industry.

No more than 65 semester credit hours earned at a two-year college can be applied to a baccalaureate degree from Iowa State University. ISU accepts up to 16 semester hours of credit earned in career-technical courses if the sending community college accepts such courses toward its Associate of Art or Associate of Science degrees.

These plans are suggestions only and may need to be adapted to meet individual needs and commitments. Use the [Financial Aid Timeline](#) to plan ahead for financial aid and scholarship opportunities.

Please contact the transfer academic adviser listed [here](#) with questions regarding timing/sequence.

All courses on this plan do not need to be completed prior to transfer. **An emphasis on completing science sequence courses** will best help students move through the program at the quickest pace after transfer. If you are a part-time student or cannot complete all of the suggested coursework on this plan, consider choosing the science coursework first since this begins the longest sequence of courses. (Begin the science sequence with General/College Chemistry equivalent[s] and Principles of Biology equivalents.)

ISU Courses for the Food Science, Industry option	Scott Equivalent	Notes
ENGL 150	ENG 105 Composition I OR ENG 107: Comp I: Technical Writing	
ENGL 250	ENG 106: Composition II OR ENG 108: Comp II: Technical Writing	
SP CM 212	SPC 112: Public Speaking	
MATH 165	MAT 165: Business Calc OR MAT 210: Calculus I	
STAT 101 or 104	MAT 156: Statistics	
BIOL 211 BIOL 212	BIO 114: Biology IB BIO 115: Biology IIB	Must take both BIOL 114 and 115 to get credit for both ISU courses
CHEM 163/163L or CHEM 177/177L & CHEM 178/178L	CHM 122: Introduction to General Chemistry +Lab OR CHM 165: General Chemistry I CHM 175: General Chemistry II OR CHM 166: General Chemistry I CHM 176: General Chemistry II	Please choose one option. Either CHM 122, CHM 165 + 175, or CHM 166 + 176

CHEM 231/231L	CHM 132: Intro to Organic and Biochemistry/Lab OR CHM 261: Organic Chemistry I/Lab (CHM 175 or 176 is the pre-requisite) OR CHM 263: Organic Chemistry/Lab (CHM 175 or 176 is the pre-requisite)	Pre-requisite for BBMB 301 at ISU
PHYS 111	PHY 162: College Physics I	
MICRO 201/201L	BIO 186: Microbiology/Lab	
ECON 101	ECN 130: Principles of Microeconomics	
FSHN 167	BIO 151: Nutrition	
<b>6 credits of Business Courses:</b> ACCT 215, ACCT 284, ACCT 285	BU 185: Business Law I ACC 142: Financial Accounting ACC 146: Managerial Accounting	More options are available at ISU to meet this requirement. Courses in marketing, economics, and management

Other Courses Required for the major		
Humanities, 6 credits	ART 203, ART 204, HIST 117, 151, or 152, LIT 101, 105, 110, 111, or 200, REL 101, PHI 101, 105 or 110, Foreign Language, MUS 100, or DRA 101, PSY 261, SOC 261	6 credits needed if students choose the College of Human Sciences, 3 credits are needed if students choose the College of Agriculture and Life Sciences
Humanities or Social Science, 3 credits	ART 203, ART 204, HIST 117, 151, or 152, LIT 101, 105, 110, 111, or 200, REL 101, PHI 101, 105 or 110, Foreign Language, MUS 100, or DRA 101, PSY 261, SOC 261, ANT 105, CRJ 100 or 201, ECN 120, SOC 110, 115, 120 or 230, POL 121 or 125, PSY 121 or 251, or 261	Not needed for students choosing the College of Agriculture and Life Sciences
<b>International Perspectives</b> will be met with a required course in the major: FSHN 342		
<b>US Diversity</b>	SOC 115: Social Problems EDU 245: Exceptional Learner Lit 105: Children's Literature  PSY 261 or SOC 261: Human Sexuality	

View links to the course requirements, sample four-year plan, and course sequence flow chart on the [food science major page](#).

\*Undergraduates who have a cumulative grade point average of 3.50 or higher at the beginning of their final term are eligible to graduate “with distinction” provided they have completed 60 semester credits of coursework at Iowa State University at the time they graduate, including a minimum of 50 graded credits at ISU.

# Scott CC Transfer Plan

## Food Science, Technology Option

**Food science and technology option** - designed for students who intend to go to graduate or professional school or who are interested in food science research and biotechnology. Students take coursework focused on food chemistry, food microbiology, food quality assurance, sensory evaluation of food, and food product development and pursue careers as food scientists in a variety of positions within food industry.

No more than 65 semester credit hours earned at a two-year college can be applied to a baccalaureate degree from Iowa State University. ISU accepts up to 16 semester hours of credit earned in career-technical courses if the sending community college accepts such courses toward its Associate of Art or Associate of Science degrees.

These plans are suggestions only and may need to be adapted to meet individual needs and commitments. Use the [Financial Aid Timeline](#) to plan ahead for financial aid and scholarship opportunities.

Please contact the transfer academic adviser listed [here](#) with questions regarding timing/sequence.

All courses on this plan do not need to be completed prior to transfer. **An emphasis on completing science sequence courses** will best help students move through the program at the quickest pace after transfer. If you are a part-time student or cannot complete all of the suggested coursework on this plan, consider choosing the science coursework first since this begins the longest sequence of courses. (Begin the science sequence with General/College Chemistry equivalent[s] and Principles of Biology equivalents.)

ISU Courses for the Food Science, Technology Option	Scott Equivalent	Notes
ENGL 150	ENG 105 Composition I OR ENG 107: Comp I: Technical Writing	
ENGL 250	ENG 106: Composition II OR ENG 108: Comp II: Technical Writing	
SP CM 212	SPC 112: Public Speaking	
MATH 165 MATH 166	MAT 211: Calculus I MAT 217: Calculus II	
STAT 101 or 104	MAT 156: Statistics or MAT 157: Statistics	
BIOL 211 BIOL 212	BIO 112: Biology I BIO 113: Biology II	Must take both BIOL 112 and 113 to get credit for both ISU courses
CHEM 177/177L & CHEM 178/178L	CHM 166: General Chemistry I CHM 176: General Chemistry II	
CHEM 331/331L and 332/332L	CHM 261: Organic Chemistry I CHM 271: Organic Chemistry II	Pre-requisite for BBMB 301 at ISU
PHYS 111 PHYS 112	PHY 162: College Physics I PHY 172: College Physics II	

MICRO 302/302L	Must be taken at ISU, <b>BIO 186 will not substitute</b>	
ECON 101	ECN 130: Principles of Microeconomics	
FSHN 167	BIO 151: Nutrition	

Other Courses Required for the major		
Humanities, 6 credits	Any ART 203, ART 204, HIST 110, 111, or 151, LIT 101, 105, 110, 111, 140, or 141, REL 101, PHI 101, PHI 105, Foreign Language, MUS 100, or DRA 101	6 credits needed if students choose the College of Human Sciences, 3 credits are needed if students choose the College of Agriculture and Life Sciences
Humanities or Social Science, 3 credits	Any ART 203, ART 204, HIST 110, 111, or 151, LIT 101, 105, 110, 111, 140, or 141, REL 101, PHI 101, PHI 105, Foreign Language, MUS 100, or DRA 101, ANT 105, ECN 120, SOC 110, 115, or 120, POL 111, 121 or 125, PSY 111, 121, or 261	Not needed for students choosing the College of Agriculture and Life Sciences
<b>International Perspectives</b> will be met with a required course in the major: FSHN 342		
<b>US Diversity</b>	SOC 115: Social Problems EDU 245: Exceptional Learner Lit 105: Children’s Literature  PSY 261 or SOC 261: Human Sexuality	

View links to the course requirements, sample four-year plan, and course sequence flow chart on the [food science major page](#).

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