# Food Science (Minor)

## Plan Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td></td>
<td>9</td>
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<tr>
<td></td>
<td>Select nine credit hours of graduate Food Science coursework approved in conjunction with the academic committee</td>
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<tr>
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<td>Total Hours</td>
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</table>

## Food Science Courses

Food Science coursework includes the following courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td></td>
<td>FS 403  Analytical Techniques in Food &amp; Bioprocessing Science</td>
<td>4</td>
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<tr>
<td></td>
<td>FS 501  Advanced Nutrition and Metabolism</td>
<td>3</td>
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<tr>
<td></td>
<td>FS 502  Chemistry of Food and Bioprocessed Materials</td>
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<td></td>
<td>FS 505  Food Microbiology</td>
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<tr>
<td></td>
<td>FS 506  Food Microbiology Lab</td>
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<tr>
<td></td>
<td>FS 516  Quality Control in Food and Bioprocessing</td>
<td>3</td>
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<td></td>
<td>FS 520  Pre-Harvest Food Safety</td>
<td>3</td>
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<td></td>
<td>FS 521  Food Preservation</td>
<td>3</td>
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<tr>
<td></td>
<td>FS 522  Food Packaging</td>
<td>3</td>
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<tr>
<td></td>
<td>FS 526  Upstream Biomanufacturing Laboratory</td>
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<td>FS 530  Post-Harvest Food Safety</td>
<td>3</td>
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<td></td>
<td>FS 535  Food Safety Management Systems</td>
<td>3</td>
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<td>FS 540  Food Safety and Public Health</td>
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<td>FS 550  Food Industry Study Tour</td>
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<td>FS 554  Lactation, Milk, and Nutrition</td>
<td>3</td>
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<td>FS 555  Exercise Nutrition</td>
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</tbody>
</table>

### Faculty

**Full Professors**

- **Jonathan C. Allen**, *Professor, Director of Food Science Graduate Program*
- **Kenneth E. Anderson**
- **Rodolphe Barrangou**, *Todd R. Klaenhammer Distinguished Professor*
- **Frederick Breidt**, *USDA/ARS Microbiologist and Professor*
- **Benjamin James Chapman**
- **Patricia Ann Curtis**
- **Lisa Louise Dean**, *USDA Professor*
- **Mary Anne Drake**, *William Neal Reynolds Distinguished Professor*
- **Mario Giovanni Ferruzzi**, *David H. Murdock Distinguished Professor*
- **Scott A. Hale**
- **Hosni Moustafa Hassan**
- **Lee-Ann Jaykus**
- **Sophia Kathariou**, *Professor*
- **Saad A. Khan**
- **Duane K. Larick**
- **Mary Ann Lila**, *Professor, Food Bioprocessing & Nutrition Sciences and Director, Plants for Human Health Institute*
- **Richard Linton**
- **Muquarrab Qureshi**, *Research Leader, Food Science Research Unit, Agricultural Research Service, USDA*
K. P. Sandeep, Department Head, Professor
John Douglas Sheppard, Professor, Bioprocessing Science
Undergraduate Coordinator

Associate Professors
April Fogleman, Associate Professor and Extension Specialist
Lora Suzanne Goodell, Associate Professor, Director of
Interdepartmental Graduate Program in Nutrition
Dana J. Hanson, Associate Professor, Extension Specialist, Meat
Science
Gabriel Keith Harris, Associate Professor, Director of Undergraduate
Programs for Food Science
Suzanne Dunn Johanningsmeier, Research Food Technologist & USDA
Assistant Professor
Colin David Kay, Associate Professor
Slavko Komarnytsky, Associate Professor
Andrew Peter Neilson, Associate Professor
Area of Research: Microbiome
Ileneys Muniz Perez-Diaz, USDA-ARS Associate Professor
Area of Research: Microbiology
Clinton Dale Stevenson, Associate Professor and Distance Education
Coordinator

Assistant Professors
Alexander Vladimirovich Chouljenko, Assistant Professor
Area of Research: Seafood Science
Natalie Kathleen Cooke, Assistant Professor, Director of Undergraduate
Programs for Nutrition Science
Lynette Marie Johnston, Assistant Professor and Food Safety Extension
Specialist
Marvin Leonel Moncada Reyes, Assistant Professor
Deepti Arvind Salvi, Assistant Professor
Area of Research: Food Engineering
Ondulla Tyvette Toomer, USDA Assistant Professor
Haotian Zheng, Assistant Professor
Area of Research: Food Chemistry

Practice/Research/Teaching Professors
Josip Simunovic, Research Professor
Fernanda Bottaro de Oliveira Santos
Nicola Singletary, Assistant Teaching Professor

Emeritus Faculty
Sarah Liberman Ash
Leonard W. Aurand
Hershell R. Ball Jr
Leon Carl Boyd
Roy E. Carawan
Daniel E Carroll Jr
George L. Catignani
Edward Allen Foegeding
David Patrick Green
Max E. Gregory
Victor A. Jones
Todd Robert Klaenhammer
Carolyn Jean Lackey
Tyre C. Lanier
Roger Floyd McFeeters
James Leslie Oblinger
John Eual Rushing
Timothy H. Sanders
Steven J. Schwartz
Brian W. Sheldon
Harold E. Swaisgood
Kenneth R. Swartzel
Van-Den Truong
Lynn G. Turner
William M. Walter
Donn R. Ward

Adjunct Professors
William Ronald Aimutis Jr.
Alejandro Amezquita
Pablo Marcelo Coronel
Christopher R. Daubert
Jack Parker Davis
Brian E. Farkas
Katherine Patterson Maloney
Tawanda Muzhingi
Shengmin Sang
Ratna Rani Sharma
Richard C. Theuer