

FOS 3042 – INTRODUCTION TO FOOD SCIENCE

Spring 2017
3 Credit Hours
Sections 139H & 0389

- Instructor:** Dr. Asli Odabasi
- Office Location:** Building 120, Room 130A
- Office Phone:** (352) 294-3596
- Email:** asli@ufl.edu (Please use "Mail" function in Canvas for FOS3042 when possible)
- Recommended Text:** None
- Course Description:** Introduction to Food Science is a comprehensive course providing introductory knowledge of food chemistry, food laws, food processing & preservation, food microbiology & fermentation, food safety, and food engineering.
- Course Objectives:** Provide a comprehensive overview of food science and technology; define and examine the differences between food constituents; identify reasons behind food deterioration and spoilage; introduce food laws and regulations; gain a basic understanding of methods used to preserve foods; and to review basic food processing and preservation techniques.
- Course Schedule:** This course is delivered completely online. Therefore, all students are required to view the course lectures (Modules) using UF's e-Learning Software (Canvas) and complete the assessments (quiz and/or exam) during the course of the week (Saturday to Friday) based on the following schedule:
- WEEK 1 – JAN 4TH THRU JAN 6TH
View Course Introduction, Syllabus
Complete Quiz 1
- WEEK 2 – JAN 7TH THRU JAN 13TH
View Module 1 – Introduction to Food Science
View Module 2 – Food Categories & Composition
Complete Quiz 2
- WEEK 3 – JAN 14TH THRU JAN 20TH
Jan 16th– Martin Luther King Day
View Module 3 – Human Nutrition & Food
View Module 4 – Water & Acids
Complete Quiz 3
- WEEK 4 – JAN 21ST THRU JAN 27TH
View Module 5 – Carbohydrates, Lipids, & Proteins
View Module 6 – Color, Flavor, & Texture
Complete Quiz 4

WEEK 5 – JAN 28TH THRU FEB 3RD

Complete Exam 1

WEEK 6 – FEB 4TH THRU FEB 10TH

View Module 7 – Food Additives, Food Laws, & Dietary Supplements

View Module 8i – Food Processing-Introduction

Complete Quiz 5

WEEK 7 – FEB 11TH THRU FEB 17TH

View Module 8 – Heat

View Module 9 – Refrigeration & Freezing

Complete Quiz 6

WEEK 8 – FEB 18TH THRU FEB 24TH

View Module 10 – Dehydration & Concentration

View Module 11 – Poultry & Eggs

Complete Quiz 7

WEEK 9 – FEB 25TH THRU MAR 3TH

Complete Exam 2

SPRING BREAK- MAR 4TH THRU MAR 12TH

WEEK 10 – MAR 13TH THRU MAR 17TH

View Module 12 – Red Meat & Fish

View Module 13 – Fats & Oils

Complete Quiz 8

WEEK 11 – MAR 18TH THRU MAR 24TH

Module 14 – Beverages

Complete Quiz 9

WEEK 12 – MAR 25TH THRU MAR 31TH

Complete Exam 3

WEEK 13- APR 1ST THRU APR 7TH

View Module 15 – Deterioration, Spoilage, and Fermentations

View Module 16 – Food Safety

Complete Quiz 10

WEEK 14- APR 8TH THRU APR 14TH

Complete Exam 4

WEEK 15- APR 15TH THRU APR 24TH

Complete Quiz 11 (Cumulative)

Complete Final Exam (Cumulative)

Examinations: 4 EXAMS (Drop Lowest), 11 QUIZZES (Drop Lowest), and a FINAL EXAM

Test Name	Modules Covered
Quiz 1	Module 0- Course Introduction
Quiz 2	Module 1, Module 2
Quiz 3	Module 3, Module 4
Quiz 4	Module 5, Module 6
Exam 1	Modules 1-6
Quiz 5	Module 7, Module 8i
Quiz 6	Module 8, Module 9
Quiz 7	Module 10, Module 11
Exam 2	Modules 7-11
Quiz 8	Module 12, Module 13
Quiz 9	Module 14
Exam 3	Modules 12-14
Quiz 10	Module 15, Module 16
Exam 4	Modules 15-16
Quiz 11	Modules 1-16
Final Exam	Modules 1-16

- Each **EXAM** will be 25 multiple choice questions, worth 1 point each. **EXAMS will be open on Saturday at midnight and close the following Friday at 11:59PM.** Lowest EXAM score will be automatically dropped from grade calculation. EXAMS are timed (30 minutes each).
- Each **QUIZ** will be 10 multiple choice questions, worth 1 point each. **QUIZZES will open on Saturday at midnight and close the following Friday at 11:59PM (Except for the last quiz (Quiz 11), which will close on Monday).** Lowest QUIZ score will be automatically dropped from grade calculation. QUIZZES are timed (12 minutes each).
- The **FINAL EXAM** is **cumulative, required,** and will be 50 multiple choice questions, worth 0.5 points each. The FINAL EXAM will open on **April 15th** at midnight and close on **Monday April 24th**, at 11:59PM. The FINAL EXAM is timed (60 minutes).

Grading Scale:

Points based system: 200 total points	
A	186 to 200 points
A-	180 to 186 points
B+	174 to 180 points
B	166 to 174 points
B-	160 to 166 points
C+	154 to 160 points
C	146 to 154 points
C-	140 to 146 points
D+	134 to 140 points
D	126 to 134 points
D-	120 to 126 points
E	Below 120

Class Rules

Instructor or TA will answer email delivered through the “Mail” function in Canvas / e-learning every Monday, Wednesday, and Friday afternoon. *Under special or emergency circumstances, please email Dr. Odabasi at asli@ufl.edu.*

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://distance.ufl.edu/student-complaints> for more details.

Grades and Grade Points For information on current UF policies for assigning grade points, see: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Absences and Make-Up Work

The students have one full week to take the exams. Make-ups will only be considered for medical excuses with proper documentation, e.g. a note from the doctor’s office.

Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Course Evaluation Process

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu>.

Academic Honesty

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work

submitted for credit by students at the University of Florida, the following pledge is either required or implied:

“On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TA in this class.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575,

www.counseling.ufl.edu/cwc/

Counseling Services

Groups and Workshops

Outreach and Consultation

Self-Help Library

Wellness Coaching

U Matter We Care, www.umatter.ufl.edu

Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

<https://www.dso.ufl.edu/drc>

001 Reid Hall, 352-392-8565