

FOS 3042 – INTRODUCTORY FOOD SCIENCE

Spring 2021
3 Credit Hours
Sections 0389, 139H & REC1

Instructor	Dr. Aslı Odabaşı
Office Location	Building 120, Room 130A
Email	asli@ufl.edu (Please use “Mail” function in Canvas for FOS3042 when possible)
Office Hours	11AM-12PM Wednesday. See Canvas Calendar for the link to the Zoom meeting. This is the formal office hour. You are always welcome to contact me through Canvas to schedule a Zoom meeting any time, Monday through Friday.
T.A.	Devanshu Mehta (devanshumehta@ufl.edu) Robert Madden (robert.madden@ufl.edu) Sara Marshall Baker (saramars@ufl.edu) All our T.A.s are on Canvas Mail.
Textbook	<p>There is no textbook requirement for this course.</p> <p>Two books we will make use of this semester are cited below. Several chapters of these books are required reading and the links to these chapters are under the relevant module on Canvas course website. UF Libraries have electronic copies (TX355 .H288 2008 and TX 791) of these titles, both of which are available to UF students. For off-campus access to these books in full, you will need to use a VPN connection. Instructions for downloading the required VPN software is posted under “Announcements” on course page on Canvas.</p> <p>Hartel, R. W., & Hartel, A. K. (2008). Food Bites: The science of the foods we eat. Springer.</p> <p>Hartel, R. W., & Hartel, A. K. (2014). Candy Bites: The science of sweets. Springer.</p>
Course Description	Introductory 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 and study the course content at <http://elearning.ufl.edu/>. Course content includes video lectures, slide presentations, additional videos and a selection of chapters (reading assignments) from the books by Hartel and Hartel (cited above). The students are also required to complete the assessments (assignment, quiz and/or exam) during the course of the week (Saturday to Friday) based on the schedule below.

WEEK 1 – JANUARY 11 THROUGH JANUARY 17

View Course Introduction, Syllabus

Complete Quiz 1

ASSIGNMENT 1 OPENS JANUARY 11

WEEK 2 – JANUARY 18 THROUGH JANUARY 24

View Module 1 – Introduction to Food Science

View Module 2 – Food Categories & Composition

Complete Quiz 2

WEEK 3 – JANUARY 25 THROUGH JANUARY 31

View Module 3 – Human Nutrition & Food

View Module 4 – Water & Acids

Complete Quiz 3

ASSIGNMENT 1 IS DUE JANUARY 29

WEEK 4 – FEBRUARY 1 THROUGH FEBRUARY 7

View Module 5 – Carbohydrates, Lipids, & Proteins

View Module 6 – Color, Flavor, & Texture

Complete Quiz 4

WEEK 5 – FEBRUARY 8 THROUGH FEBRUARY 14

Complete Exam 1 by Feb 12

ASSIGNMENT 2 OPENS FEBRUARY 13

WEEK 6 – FEBRUARY 15 THROUGH FEBRUARY 21

View Module 7 – Food Regulation and Labeling

Complete Quiz 5

WEEK 7 – FEBRUARY 22 THROUGH FEBRUARY 28

View Module 8i – Food Processing-Introduction

View Module 8 – Thermal Processing

Complete Quiz 6

WEEK 8 – MARCH 1 THROUGH MARCH 7

View Module 9 – Refrigeration & Freezing

View Module 10 – Dehydration & Concentration

Complete Quiz 7

ASSIGNMENT 2 IS DUE MARCH 5

ASSIGNMENT 3 OPENS MARCH 6

WEEK 9 – MARCH 8 THROUGH MARCH 14

Complete Exam 2 by Mar 12

WEEK 10 – MARCH 15 THROUGH MARCH 21

View Module 11 – Deterioration, Spoilage, and Fermentations

View Module 12 – Food Safety

Complete Quiz 8

ASSIGNMENT 3 IS DUE MARCH 19

WEEK 11 – MARCH 22 THROUGH MARCH 28

View Module 13 – Poultry & Eggs

View Module 14 – Red Meat & Seafood

Complete Quiz 9

WEEK 12 – MARCH 29 THROUGH APRIL 4

Complete Exam 3 by Apr 2

WEEK 13 – APRIL 5 THROUGH APRIL 11

View Module 15 – Fats & Oils

View Module 16 – Beverages

Complete Quiz 10

WEEK 14 – APRIL 12 THROUGH APRIL 18

Complete Exam 4 by Apr 16

Important Dates

	OPENS	DUE
Quizzes 1-10	Mondays	Sundays
HonorLock Practice Quiz	First day of classes	Friday, February 12
Exams	Mondays	Fridays
Assignments	Monday, 1/11 Saturday, 2/13 Saturday, 3/6	Friday, 1/29 Friday, 3/5 Friday, 3/19

Class Rules

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

This course is delivered completely online. The students are required to view all video lectures and complete the assignments on the course website on Canvas. It is the student’s responsibility to have a compatible operating system and a reliable internet connection. The proctoring service used in this course (Honorlock) requires Google Chrome. Therefore, when taking exams the students need to use Google Chrome. UF computer labs on-campus (<https://labs.at.ufl.edu/ComputerLabs.php>) provide an alternative if you are concerned about your computer and/or your internet connection.

Exams are timed and proctored (HonorLock). The clock is on the UF Server and once you begin it continues to run even if your system crashes, so try logging back in and call **UF Help Desk at (352) 392-4357** for help. UF Help Desk is available 24/7 for your questions and issues related to Canvas, connectivity and GatorLink accounts, etc.

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.

Assignments

Assignments, as described on the course webpage at elearning.ufl.edu, are due **JANUARY 29, MARCH 5 & MARCH 19** and should be submitted as directed. Late submissions will be considered with penalty points only within 3 days that follow the deadline provided an official excuse is documented. No extensions will be considered past the Monday that follows the Friday deadline.

Examinations

4 EXAMS (Drop Lowest) and 10+1 QUIZZES (Drop Lowest)

Each **EXAM** will be 30 multiple choice questions, worth 1 point each. **EXAMS will open on Monday at midnight and close the following Friday at 11:59:00 PM.** Lowest EXAM score will be automatically dropped from grade calculation. EXAMS are timed (50 minutes each).

Each **QUIZ** will be 5 multiple choice questions, worth 1 point each. **QUIZZES will open on MONDAY at midnight and close the following SUNDAY at 11:59:00 PM.** Lowest QUIZ score will be automatically dropped from grade calculation. QUIZZES are timed (15 minutes each). You will have 2 attempts for each quiz, the highest of the two grades will be used towards your final grade. The second attempt is optional. If you take a quiz once and want to improve your grade/study some more, you need to complete your second attempt before the deadline for the quiz. Requests for deadline extension for the second attempt will not be considered under any circumstances.

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
Quiz 6	Module 8i, Module 8
Quiz 7	Module 9, Module 10
Exam 2	Modules 7-10
Quiz 8	Module 11, Module 12
Quiz 9	Module 13, Module 14
Exam 3	Modules 11-14
Quiz 10	Module 15, Module 16
Exam 4	Modules 15-16

Online Proctoring

Honorlock will proctor your exams (Exams 1, 2, 3, 4) this semester. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install

A practice quiz is available for all students to prepare their computers for the exams; this is the 11th quiz that counts towards the final letter grade.

When you are ready to take your Honorlock Practice Quiz or any of the exams, log into Canvas, go to your course, and click on the exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen.

Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it is on a secondary device. You will be allowed to use the slides and the required reading from the course page on Canvas. Slides and required reading material may also be printed out for use during the exams. These slide print-outs may have your handwritten notes on them. No other printed or handwritten documents are allowed.

Honorlock support is available 24/7/365. If you encounter any issues, you may contact them by live chat, phone (855-828-4004), and/or email (support@honorlock.com).

Grading

Assessment	Points
Quizzes (11 quizzes, 1 dropped)	50
Exams (4 exams, 1 dropped)	90
Assignments	60
Total	200

Total point grade equivalents	
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

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 professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>.

Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/> Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results>

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 with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

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

001 Reid Hall, 352-392-8565