

# FOS 3042 – INTRODUCTORY FOOD SCIENCE

Fall 2020  
3 Credit Hours  
Sections 06A7, 3A74 & IAC1

- Instructor:** Dr. Aslı Odabaşı
- Office Location:** Building 120, Room 130A
- Email:** [asli@ufl.edu](mailto: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.:** Candace Barnes ([candacebarnes@ufl.edu](mailto:candacebarnes@ufl.edu))  
Eric Pitts ([eric.pitts@ufl.edu](mailto:eric.pitts@ufl.edu))  
Mari Schroeder ([mari.schroeder@ufl.edu](mailto:mari.schroeder@ufl.edu))  
Robert Madden ([robert.madden@ufl.edu](mailto:robert.madden@ufl.edu))  
Sara Marshall Baker ([saramars@ufl.edu](mailto:saramars@ufl.edu))
- All our T.A.s are on Canvas Mail.
- Textbook:** There is no textbook requirement for this course.
- 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.
- Hartel, R. W., & Hartel, A. K. (2008). Food Bites: The science of the foods we eat. Springer.
- Hartel, R. W., & Hartel, A. K. (2014). Candy Bites: The science of sweets. Springer.
- 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 – AUGUST 31 THROUGH SEPTEMBER 4**

View Course Introduction, Syllabus

Complete Quiz 1

**ASSIGNMENT 1 OPENS AUGUST 31**

**WEEK 2 – SEPTEMBER 5 THROUGH SEPTEMBER 11**

View Module 1 – Introduction to Food Science

View Module 2 – Food Categories & Composition

Complete Quiz 2

**WEEK 3 – SEPTEMBER 12 THROUGH SEPTEMBER 18**

View Module 3 – Human Nutrition & Food

View Module 4 – Water & Acids

Complete Quiz 3

**ASSIGNMENT 1 IS DUE SEPTEMBER 18**

**WEEK 4 – SEPTEMBER 19 THROUGH SEPTEMBER 25**

View Module 5 – Carbohydrates, Lipids, & Proteins

View Module 6 – Color, Flavor, & Texture

Complete Quiz 4

**WEEK 5 – SEPTEMBER 26 THROUGH OCTOBER 2**

Complete Exam 1

**WEEK 6 – OCTOBER 3 THROUGH OCTOBER 9**

View Module 7 – Food Regulation and Labeling

Complete Quiz 5

**ASSIGNMENT 2 OPENS OCTOBER 3**

**WEEK 7 – OCTOBER 10 THROUGH OCTOBER 16**

View Module 8i – Food Processing-Introduction

View Module 8 – Thermal Processing

Complete Quiz 6

**WEEK 8 – OCTOBER 17 THROUGH OCTOBER 23**

View Module 9 – Refrigeration & Freezing

View Module 10 – Dehydration & Concentration

Complete Quiz 7

**ASSIGNMENT 2 IS DUE OCTOBER 23**

**WEEK 9 – OCTOBER 24 THROUGH OCTOBER 30**

Complete Exam 2

**ASSIGNMENT 3 OPENS OCTOBER 24**

WEEK 10 – OCTOBER 31 THROUGH NOVEMBER 6

View Module 11 – Deterioration, Spoilage, and Fermentations

View Module 12 – Food Safety

Complete Quiz 8

WEEK 11 – NOVEMBER 7 THROUGH NOVEMBER 13

View Module 13 – Poultry & Eggs

View Module 14 – Red Meat & Fish

Complete Quiz 9

**ASSIGNMENT 3 IS DUE NOVEMBER 13**

WEEK 12 – NOVEMBER 14 THROUGH NOVEMBER 20

Complete Exam 3

WEEK 13 – NOVEMBER 21- NOVEMBER 27

**HAPPY THANKSGIVING!**

WEEK 14 – NOVEMBER 28 THROUGH DECEMBER 4

View Module 15 – Fats & Oils

View Module 16 – Beverages

Complete Quiz 10

WEEK 15 – DECEMBER 5 THROUGH DECEMBER 14

Complete Exam 4

## **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](mailto: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.

The syllabus lecture may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

**Assignments:** Assignments, as described on the course webpage at elearning.ufl.edu, are due **SEPTEMBER 18, OCTOBER 23 & NOVEMBER 13** and should be submitted as directed; no late assignments will be accepted without a documented official excuse.

**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, except for Exam 4, which is due on Monday. 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 Saturday at midnight and close the following Friday 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](http://www.honorlock.com/extension/install)

A practice quiz is available for all students to prepare their computers for the exams; this is the 11<sup>th</sup> 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
<b>Total</b>	<b>200</b>

Total point grade equivalents	
<b>A</b>	186 to 200 points
<b>A-</b>	180 to 186 points
<b>B+</b>	174 to 180 points
<b>B</b>	166 to 174 points
<b>B-</b>	160 to 166 points
<b>C+</b>	154 to 160 points
<b>C</b>	146 to 154 points
<b>C-</b>	140 to 146 points
<b>D+</b>	134 to 140 points
<b>D</b>	126 to 134 points
<b>D-</b>	120 to 126 points
<b>E</b>	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/](http://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](http://www.umatter.ufl.edu)

*Career Resource Center, First Floor JWRU, 392-1601, [www.crc.ufl.edu/](http://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/](http://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