

Syllabus for FDSC 5373 Lecture – Advanced Food Chemistry

INSTRUCTOR INFORMATION

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Office Hours: After class, MW, until Noon. Otherwise, make an appointment with via e-mail.
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TEACHING ASSISTANT INFORMATION

Name: Claudia Cerruto-Noya
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Office Location: 126 FAPC
Office Hours: MWF 10:20 to 11:20 am
Phone: 405-744-7455 (office) or 405-744-6346 (Lab)

COURSE INFORMATION

Course title: Advanced Food Chemistry
Course number: FDSC 5373
Course description: This course provides an in-depth study of chemical and biochemical processes that occur in foods post-harvest. In addition, it overviews the specific industry applications of food chemistry.
Course Date: Fall even years
Location: ANSI 125
Meeting days: Lecture: Monday, Wednesday
Laboratory: Tuesday
Meeting Times: Lecture: MW 9:30-10:20
Laboratory: T 10:00-12:00

COURSE REQUIREMENTS

Introduction: Students should have graduate standing.

Prerequisites: Biochemistry

COURSE GOALS

Course Goals: To broaden the student's understanding of the application of food chemistry to specific food industries: milk and dairy products; eggs; meat; fish, whales, crustaceans, mollusks; edible fats and oils; cereal and cereal products; legumes; vegetable and vegetable products; fruits and fruit

products; sugars, sugar alcohols, honey; alcoholic beverages; coffee, tea, cocoa; spices, salt, vinegar; drinking water, mineral, and table water.

TEXTBOOKS

Required reading: Food Chemistry, 3rd edition. H-D Belitz, W Grosch, P Schieberle, and MM Burghagen, Springer, 2004, ISBN 3-540-40818-5

Optional reading: Food Chemistry, 3rd edition, OR Fennema, Marcel-Dekker, Inc., 1996, ISNN 0-8247-9346-3

GRADING POLICIES

Grades: Final grades will be determined using an accumulation of scores:

Lecture = 2/3 of Grade

Outlines	60%*
Mid-Term	20%
Final	20%

Lab = 1/3 of Grade

Special Project	60%
Mid-Term	20%
Final	20%

A grade scale of 90 to 100% = A, 80 to 89% = B, 70 to 79% = C and 60 to 69% = D will be used to determine the final grade.

*Students who maintain an average grade of 85.00% on their outlines and whom have attended 80% of the lecture classes may opt to not take the mid-term. The Outline portion of the grade would then be worth 80% of the lecture grade.

MIDTERM AND FINAL EVALUATION INFORMATION

Policy: Midterm and final evaluations are in the form of take-home problem based essays.

Evaluation Dates: Mid-term - TBD
Final – December 12, 8 am – 10 am

SPECIAL PROJECT FOR LAB

Students will develop a 50 min lecture and 2 hr lab for a specific food chemistry topic. Topics will be approved by the instructor. Graduates will present a part of their lecture in class (20 min during lab time). Further specifics regarding the project will be given in class.

POLICY SECTION

Policy on Dropping Exam Scores

No exam scores will be dropped.

Policy on Final Exam Relief

"In the event a student has three or more final exams scheduled for a single day, the student is entitled to arrange with the faculty member instructing the highest numbered course (4 digit course number), or two highest numbered courses if the student has four final exams on one day, an alternate exam time of mutual convenience during final exam week. Common final exams are not among those to be rescheduled." (University policy in the catalog)

Policy on Academic Integrity

Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript (F!), and being suspended from the University. You have the right to appeal the charge. Contact the Office of Academic Affairs, 101 Whitehurst, 405-744-5627, academicintegrity.okstate.edu.

Policy on Attendance

Vacation plans, oversleeping, illness not sufficient to require medical attention, social activities (including fraternity, sorority, and residence hall activities), etc... are not sufficient reasons to miss a scheduled quiz or examination.

The only absences that will be excused are: (1) absence for a university approved field trip or activity, (2) absences for a death or serious injury in the family, (3) absences resulting from personal illness which are documented (signed note) by a physician or accompanied with a hospital receipt, and (4) absences resulting from extenuating circumstances not covered above, but discussed with the instructor prior to the absence.

If you know you will miss an exam inform the instructor as early as possible. You must e-mail the instructor using D2L with the reason for your absence. The written excuse must say when (date and time) you will

take the make-up. You may not take an exam early. You must take the exam the day you return from your excused absence. Validity of other excuses for absence will be reviewed by case. Students missing the final examination who notify the instructor of the reasons for their absence by 4:30 pm on the day of the scheduled final exam will receive a grade of "I" (incomplete) for the course and will be expected to take a make-up final exam at a time arranged with the instructor. Students who are absent from the final exam and who do not notify the instructor of the reason for their absence by 4:30 pm on the day of the examination will receive a score of zero for the final exam.

Policy on Notifying Instructor Regarding Absence

You must notify the instructor of your absence and the reasons for your absence by e-mail. It is not sufficient to notify the instructor verbally. An electronic record must be submitted.

Policy on turning-in late work

Assignments will not be accepted if they are turned in late. For planned absences in which the date you will be absent is known ahead of time (school activities, etc) you will still be required to turn in the assignment prior to the due date or on the due date. If an assignment is given during a time you are absent, *it is your responsibility to check the D2L page for the assignment during your absence.* Not being in class is not a valid excuse for not “knowing” an assignment was given. If it is turned in later it will not be accepted. Since homework is turned in via a computer, and not actually handed in....not being in class is no longer a viable excuse as to why an assignment is turned in late.

Policy on Special Accommodation for Students

“According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his or her disability and to request accommodations. If any member of a class thinks the he/she has a qualified disability and needs special accommodations, he/she should notify the instructor and request verification of eligibility for accommodations from the Office of Student Disability Services, to ensure timely implementation of appropriate accommodations. Faculty have an obligation to respond when they receive official notice of a disability but are under no obligation to provide retroactive accommodations.