Instructor: R. Mancini, GW 113, 486-1775, Richard.mancini@uconn.edu
Office hours: Before or after lecture; by arrangement

Lecture: Tu 12-12:50PM, GW 209

No required textbook

**Schedule:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>8/26</td>
<td>Introduction and discussion of target audience</td>
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<tr>
<td>9/02</td>
<td>Outline and literature searches</td>
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<tr>
<td>9/09</td>
<td>Discuss upcoming introduction and myoglobin sections; Value of references</td>
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<tr>
<td></td>
<td>***Introduction due (Paper #1)</td>
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<tr>
<td>9/16</td>
<td>Discuss upcoming research summaries</td>
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<td>***Myoglobin chemistry section due (Paper #1)</td>
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<tr>
<td>9/23</td>
<td>Quoting, paraphrasing, plagiarism, scientific citation, and peer-review</td>
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<td></td>
<td>***Research summaries due (Paper #1)</td>
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<tr>
<td>9/30</td>
<td>Discuss Research Assignment progress (by arrangement)</td>
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<tr>
<td>10/07</td>
<td>Discuss Research Assignment progress (by arrangement)</td>
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<td></td>
<td>***First Submission of Research Paper #1 due</td>
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<tr>
<td>10/14</td>
<td>Discuss Research Paper #1 (by arrangement)</td>
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<tr>
<td>10/21</td>
<td>Discuss Research Paper #1 (by arrangement)</td>
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<td></td>
<td>***Final Submission of Research Paper #1 due</td>
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<td>10/28</td>
<td>Discuss Research Paper #2 (by arrangement)</td>
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<td>***Introduction and tenderness chemistry due (Paper #2)</td>
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<tr>
<td>11/04</td>
<td>Discuss Research Paper #2 (by arrangement)</td>
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<td>***Research summaries due (Paper #2)</td>
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<tr>
<td>11/11</td>
<td>Discuss Research Paper #2 (by arrangement)</td>
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<tr>
<td>11/18</td>
<td>***First Submission of Research Paper #2 due</td>
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<tr>
<td>12/02</td>
<td>***Final Submission of Research Paper #2 due</td>
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***Due dates --- no electronic submissions will be accepted via email***
EVALUATION – ANSC 3344W

**Grading:** There are no examinations. Grades will be determined as follows:

Research paper #1
- **Introduction** 5%
- **Myoglobin chemistry** 5%
- **Research summary** 10%
- **First submission** 10%
- **Final paper** 20%

Research paper #2
- **First submission** 25%
- **Final paper** 25%

**Final Grading**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>≥92%</td>
<td>A</td>
</tr>
<tr>
<td>89-91.9</td>
<td>A-</td>
</tr>
<tr>
<td>86-88.9</td>
<td>B+</td>
</tr>
<tr>
<td>82-85.9</td>
<td>B</td>
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<tr>
<td>79-81.9</td>
<td>B-</td>
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<tr>
<td>76-78.9</td>
<td>C+</td>
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<tr>
<td>72-75.9</td>
<td>C</td>
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<tr>
<td>69-71.9</td>
<td>C-</td>
</tr>
<tr>
<td>66-68.9</td>
<td>D+</td>
</tr>
<tr>
<td>62-65.9</td>
<td>D</td>
</tr>
<tr>
<td>59-61.9</td>
<td>D-</td>
</tr>
<tr>
<td>≤59</td>
<td>F</td>
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*Failure to complete the written work satisfactorily will result in a grade of F for both ANSC 3343 and 3344W.*

**Objective:** The purpose of this 1 credit class is to provide a writing-intensive experience for ANSC majors that will permit them to develop their writing skills within the context of food science.
Assignments will be evaluated on the following criteria

Page length --- Minimum of 8 pages per research paper
On time --- Deductions will apply to late submissions
Due dates --- No electronic submissions will be accepted via email

Use of headings/sub-headings

Content
Appropriate coverage of topic
Analysis of research related to the topic
Selection of appropriate resources

Structure
Clear and organized
Arrangement of sections – logical progression

Mechanics and style
Concise
Spelling
Punctuation and grammar

Final Submission
Response to instructor evaluation

Length
The required length for each final paper is 8 double-spaced, typed pages
A list of references does not count towards page length
A title page does not count towards page length
Figures or Tables from reference sources may be used in your paper. However, their inclusion must be relevant (ie not simply added to extend paper length).

References
Required: A minimum of 10 peer-reviewed research articles
Do not use internet citations
References should be cited following the citation style of Journal of Food Science
Footnotes are not used

Final research paper submission
All original submissions (with instructor comments) must be returned
The final submission must contain:
• All original submissions for the introduction and chemistry sections
• Original research summary submissions
• The first submission of each paper with instructor comments
• The final submission without “track changes”
**TOPICS**

**Research Paper #1 (minimum of 8 pages)**

1. The color of meat is a property critical to its perceived quality. The bases for color differ between fresh, cooked and cured meat products. This has necessitated different approaches for packaging and processing these foods.

**Research Paper #2 (minimum of 8 pages)**

2. Inconsistent tenderness between pieces of meat is the key quality defect affecting the beef industry. Meat tenderness is affected by connective tissue (collagen) and the activity of proteolytic enzymes (calpains, cathepsins) during aging. Knowledge of how these variables affect meat tenderness is critical so that approaches can be developed to optimize them for improved meat tenderness.

The following scientific journals are available in the UConn library and will provide many good references for your paper topic.

**Journals**

- *Journal of Food Science*
- *Journal of Dairy Science*
- *Journal of Animal Science*
- *Journal of Nutrition*
- *Journal of Food Protection*
- *Journal of the Science of Food and Agriculture*
- *Journal of Agriculture and Food Chemistry*
- *Applied and Environmental Microbiology*
- *Meat Science*
- *Agricultural and Biological Chemistry*
- *CRC Critical Reviews of Food Science and Nutrition*
- *Food Technology*
Statement on late work and make-up policy
Instructors are strongly encouraged to make reasonable accommodations in response to student requests to complete work missed by absence resulting from observation of religious holidays. Such accommodations should be made in ways that do not dilute or preclude the requirements or learning outcomes for the course. Students anticipating such a conflict must inform their instructor in writing within the first three weeks of the semester, and prior to the anticipated absence, and must take the initiative to work out with the instructor a schedule for making up missed work.

Accommodating student requests to complete work missed by absence resulting from extra-curricular/co-curricular activities performed in the interest of the university and/or those that support the scholarly development of the student should be made in ways that do not dilute or preclude the requirements or learning outcomes for the course. Examples include participation in scholarly presentations, performing arts, and intercollegiate sports, when the participation is at the request of, or coordinated by, a University official. Students involved in such activities should inform their instructor in writing prior to the anticipated absence and take the initiative to make up missed work in a timely fashion.

Statement of students with disabilities
If anyone has needs requiring special assistance, please see the instructor so arrangements can be made. "If there is any student in this class who has special needs because of learning disabilities or other kinds of disabilities, please feel free to come and discuss these with me." http://www.csd.uconn.edu/accommodation_services.html for overview of accommodations http://www.csd.uconn.edu/ for Center for Students with Disabilities http://www.ossa.uconn.edu/ for Office of Student Affairs and Advocacy

GEOC statement for W courses
For students enrolled in ANSC 3344W, failure to complete the written work satisfactorily will result in a grade of F for both ANSC 3343 and 3344W.

Cheating and plagiarism policy
Web site from handbook; see Appendix A Code of Conduct http://www.community.uconn.edu/student_code_appendixa.html http://freshmanenglish.uconn.edu/instructors/forms/plagiarism.php

Cheating - Student Academic Misconduct
Academic misconduct is dishonest or unethical academic behavior that includes, but is not limited, to misrepresenting mastery in an academic area (e.g., cheating), intentionally or knowingly failing to properly credit information, research or ideas to their rightful originators or representing such information, research or ideas as your own (e.g., plagiarism).

Office of Student Services policy on rescheduling of finals
http://www.ossa.uconn.edu/docs/Final_Examination_Information.pdf

Students may receive permission to reschedule a final if they have finals which are “bunched” or if a student has an “extenuating circumstance”. If approval is granted, it is expected that students will inform instructors of their conflict(s) prior to the final. To access the finals schedule, go to: www.registrar.uconn.edu

BUNCHED FINALS
Students who have “bunched finals” should go to the Student Services Desk at the entrance to Wilbur Cross. Students who do not request permission will not be granted permission to reschedule their exams. Bunched finals include the following:
• 2 finals scheduled at the same time
• 3 finals in one calendar day
• 3 finals in consecutive time blocks spanning parts of two consecutive days
• 4 finals in two consecutive days
EXTENUATING CIRCUMSTANCES
Students with extenuating circumstances are encouraged to visit the Office of Student Services & Advocacy to speak to a staff member as soon as possible. Staff may allow students to reschedule a final due to an unavoidable circumstance, such as religious observances, previously scheduled medical procedures/appointments, attendance at a funeral, or other ceremonies in which you are directly involved in the event. Supporting documentation will be required. Finals are not rescheduled for personal errors, like oversleeping or misreading the finals schedule. Finals are generally not rescheduled due to voluntary travel conflicts. Students (and parents) are encouraged to check the finals schedule before making travel plans.

Students who have prior knowledge of a conflict (bunched finals, religious event/obligation, court date, previously scheduled medical appointment, or other qualifying event) must come to OSSA. Students who do not meet University-set dates for reasons that were known or should have been known will NOT be granted permission to reschedule their final(s).

Students with an immediate illness must be seen by Student Health Services for verification of illness. SHS will provide this information to OSSA and OSSA will inform the instructor(s) of permission to reschedule the final. Students who are ill and see SHS do not need to also visit OSSA.

UNIVERSITY EMERGENCY/CLOSINGS
In case of a University closing (emergency or severe weather conditions), finals may be rescheduled from the original date/time. The Registrar’s Office will determine the makeup finals schedule in these instances. Please check with the Registrar’s Office website for the most up to date information available.