

## **NFS 4286 Nutrition and Food Sciences Senior Seminar**

### **Instructor**

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Office: 351 Carrigan Wing, Marsh Life Science Building.

**Where to Meet:** Once a week on Thursdays from 1:15-2:05 pm Marsh 357

### **Course Description**

Food industry is always looking for scientists for food quality control, operation management, processing, research and development, marketing, and distribution. Food science is an applied science. Students majoring in this field should have hands-on, real industrial settings to learn problem solving knowledge in food science, including general knowledge of the industry, market trend, new products development and food quality control.

### **Syllabus**

Students will be presented with preparations before heading to work in food industry including personal readiness, related seminar training and presentation practice, product development aspects, and experiment data reporting.

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|----------------------------|--|
| <b>Week 1:</b> January 18  | Introduction and discussion  |
| <b>Week 2:</b> January 25  | How to prepare a reasonable and practical resume   |
| <b>Week 3:</b> February 1  | How to prepare a cover letter for job application  |
| <b>Week 4:</b> February 8  | What is trending in functional food industry   |
| <b>Week 5:</b> February 15 | Guest Lecture: Dr. Frank Lee, Agri-Mark, VT  |
| <b>Week 6:</b> February 22 | Dietary choices and Covid-19 prevention  |
| <b>Week 7:</b> February 29 | Guest Lecturer Alysa Kemp Director of Autumn Harp  |
| <b>Week 8:</b> March 7     | Guest Lecturer Mr. Roger Allbee, the Former VT Secretary                                   |
| <b>Week 9:</b> March 14    | Spring Break   |
| <b>Week 10:</b> March 21   | Self-design Presentation-Preparation   |
| <b>Week 11:</b> March 28   | Guest Lecturer Dr. Adam Killpartrick, Former Chief Scientist Officer of Food Science Coop. |

<b>Week 12:</b> April 4	What is trending in functional food industry
<b>Week 13:</b> April 11	New product development-General rules
<b>Week 14:</b> April 18	Self-design presentation-TBA
<b>Week 15:</b> April 25	Self-design presentation-TBA
<b>Week 16:</b> May 2	Final
<b>Week 17:</b> May 9	

### **Grading:**

**20%** Attendance

**30%** Midterm exam

**50%** Presentation: Material content, scientific quality, and structure, interactions with audience

**Total 100**