SYLLABUS
NUTRITION: Methods in Sensory Analysis
11:709:443
Fall 2021

Professor: Paul Breslin
Office Hours: by appointment
Class Hours: Wednesday 11:00 am - 2:00 pm
(Nota two exceptions below)
Location: Online Only Due to Pandemic
Prerequisites: 11:709:201, 11:709:255
Readings to be determined.

E-mail: breslin@SEBS.rutgers.edu
Phone: 908 227 3739 (cell)
Course materials: on Sakai

Grades will be based upon class participation (including discussions and questions 10%), quizzes (5%), midterm (35%) and final exams (50%).

Week 1 Class, September 1
Introduction Course Synopsis/Review of Course Objectives & Measurement and Data Types
Introduction to Quantitative Variation and Statistics

Week 2 NO Class, September 8
No Class, This Wednesday is on a Monday Schedule (RH)

Week 3 Class, September 15
Taste Biology and Sensation I
Taste Biology and Sensation II (YK)

Week 4 Class, September 22
Taste Biology and Sensation III
Olfaction and Sensation I
Olfaction and Sensation II

Week 5 Class, September 29
Olfaction and Sensation III
Somatosensation I

Week 6 Class, October 6
Somatosensation II
Sensory Coding

Week 7 Class, October 13
Mid-Term Exam
Introduction to Psychophysics

Week 8 Class, October 20
Psychophysics: Sensitivity Measurement
Psychophysics: Discrimination Testing

Week 9 Class, October 27
Thurstonian Scaling, R-Index
Week 10 Class, November 3   Intensity Scaling
                           Time-Intensity Measurement/Adaptation

Week 11 Class, November 10  Context Effects and Demand Effects
                           Descriptive Analysis

Week 12 Class, November 17  Hedonic/Affective Scaling
                           Texture Analysis
                           Preference Testing

Week 13 NO Class, November 24  Thanksgiving Break (11/24 - 11/28)– No Class Wednesday

Week 14 Class, November 29
   Monday  Multi-modal Sensory Integration
                           Individual Sensory Differences and Genetics
                           This Monday is on a Wednesday Schedule

Week 14 Class, December 1  Modeling Healthy Foods

Week 15 Class, December 8  Review   (Last Class; Classes End December 13)

Reading Days December 14-15
Final Exams December 16-23

This is a lecture-based course and participation in lectures is required.
If you miss more than 5 classes, constituting 20% of the course or more, you cannot pass this course.

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AVAILABLE STUDENT SUPPORT SERVICES

•  If you are having personal or other problems, there are many options at Rutgers for assistance.
   o Student Affairs office can help with issues related to your experience at Rutgers and when you don’t know where to start when looking for assistance, contact the Dean of Students office.
   o If are in need of mental health services, please use our readily available services. Rutgers Counseling and Psychological Services (CAPS) – New Brunswick: http://rhscaps.rutgers.edu/
   o If you need some temporary guidance, there is “Lets Talk” – which is a CAPS service offering drop-in hours at a number of locations across campus. No appointment is

- **If you are in need of physical health services** due to illness, please reach out to:
  Rutgers Health Services – New Brunswick: http://health.rutgers.edu/

- **If you do not have enough food**, there is a Food Pantry on College Ave campus that is exclusively for Rutgers Students. http://ruoffcampus.rutgers.edu/food/

- If you need accommodation for a **disability**, obtain a Letter of Accommodation from the Office of Disability Services that provides student-centered and inclusive services. https://ods.rutgers.edu

- If you are a **military veteran** or are on active military duty, you can obtain support through the Office of Veteran and Military Programs and Services. http://veterans.rutgers.edu/

- If you are in **need of legal services**, please use our readily available services: http://rusls.rutgers.edu/

- If you are in need of additional **academic assistance**, please use our readily available services. Rutgers University-New Brunswick Learning Center: https://rlc.rutgers.edu/

- If you or somebody you know has been victimized by a **crime, interpersonal violence** (e.g., stalking, sexual assault), support is available at the Rutgers Office for Violence Prevention and Victim assistance. http://vpva.rutgers.edu