

SYLLABUS
NUTRITION: Methods in Sensory Analysis
11:709:443
Fall 2019

Professor: Paul Breslin
Class Hours: Wednesday 10:55-1:55pm
Location: Loree Bldg Rm 115
Prerequisites: 11:709:201, 11:709:255
Readings to be determined.

Office Hours: by appointment
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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 4	Introduction Course Synopsis/ Review of Course Objectives & Measurement and Data Types Introduction to Quantitative Variation and Statistics
Week 2 Class, September 11	Taste Biology and Sensation I
Week 3 Class, September 18	Taste Biology and Sensation II Taste Biology and Sensation III (YK)
Week 4 Class, September 25	Olfaction and Sensation I Olfaction and Sensation II
Week 5 Class, October 2	Olfaction and Sensation III Somatosensation I
Week 6 Class, October 9	Somatosensation II Sensory Coding
Week 7 Class, October 16	Mid-Term Exam Introduction to Psychophysics
Week 8 Class, October 23	Psychophysics: Sensitivity Measurement Psychophysics: Discrimination Testing
Week 9 Class, October 30	Thurstonian Scaling, R-Index
Week 10 Class, November 6	Intensity Scaling Time-Intensity Measurement/Adaptation

Week 11 Class, November 13	Context Effects and Demand Effects Descriptive Analysis
Week 12 Class, November 20	Hedonic/Affective Scaling Texture Analysis Preference Testing
Week 13 NO Class, November 27	Thanksgiving Break – No Class Wednesday (Friday Schedule Observed)
Week 14 Class, December 4	Multi-modal Sensory Integration Individual Sensory Differences and Genetics
Week 15 Class, December 11	Modeling Healthy Foods Make-Up Lecture/Review
Reading Day December 12	Review

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.

AVAILABLE STUDENT SUPPORT SERVICES

- ***If you are having personal or other problems, there are many options at Rutgers for assistance.***
 - 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](#).
 - 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/>
 - 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 necessary. <http://health.rutgers.edu/medical-counseling-services/counseling/therapy/community-based-counseling/#runbhc>
- **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>