

## **COURSE NAME, NUMBER, & MEETING TIMES**

Research in Nutrition (3 credit)

11:709:493/494

Day/Time: vary depending on research project

Expectations for 3 credit hours = ~10 hours/week

## **COURSE DESCRIPTION:**

Perform an independent research project in Nutritional Sciences with a sponsored faculty member (research advisor).

## **LEARNING OBJECTIVES:**

At the end of this experience, students will be able to:

1. Evaluate emerging scientific research in nutritional sciences.
2. Apply the scientific method in answering a research question.
3. Write a scientific research paper and demonstrate how to use appropriate research methods, ethical procedures and data analysis procedures.

## **2022 Core Knowledge for the RDN (KRDN) – Standards for the Didactic Programs in Dietetics:**

Rutgers University Department of Nutritional Sciences undergraduate Didactic Program in Dietetics is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND). The following ACEND Core Knowledge aptitudes are included within the curriculum of this course:

KRDN 1.1: Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions (i.e., Independent Research Project).

KRDN 1.3: Apply critical thinking skills (i.e., Independent Research Project).

KRDN 2.1 – Demonstrate effective and professional oral and written communication and documentation (i.e., Independent Research Project)

KRDN 4.7: Evaluate data to be used in decision-making for continuous quality improvement (i.e., Independent Research Project).

## **RESPONSIBILITIES & ASSESSMENT:**

A final grade for this course will be determined by your sponsored faculty member (research advisor). To ensure a successful experience, students should meet with their research advisor during the first week of the semester in developing a research learning contract. As part of the research learning contract, students need to create at least three specific learning goals. When thinking about these goals, students should think about research tasks or skills that they would like to gain. Students should avoid making a goal that states “I want to learn more about...” as such goals tend to lead to very passive processes.

After learning goals have been determined, each goal needs to have a specific plan to achieve it. Students need to think about what the first, second, third and final steps will be to meeting their learning goals and discuss this with their research advisor in implementing the plan. Finally, students need to measure their progress over the course of the research experience to assess their progress towards meeting their learning goals.

The table below may help students and research advisors visualize the components of a well-planned learning contract.

Learning Goals	Steps Need to Reach Goal	How You Know It Will be Achieved
	<i>Step-by-Step Action Plan</i>	<i>Sample assessment for how you are going to demonstrate achievement</i>
Goal #1:		
Goal #2:		
Goal #3:		

### ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Please follow the procedures outlined at <https://ods.rutgers.edu/students/registration-form>. Full policies and procedures are at <https://ods.rutgers.edu/>

### ABSENCE POLICY

Students are expected to attend all classes; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to me.

### ACADEMIC INTEGRITY

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy>. The principles of academic integrity require that a student:

- properly acknowledge and cite all use of the ideas, results, or words of others.
- properly acknowledge all contributors to a given piece of work.
- make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

- everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- all student work is fairly evaluated and no student has an inappropriate advantage over others.
- the academic and ethical development of all students is fostered.
- the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

## 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 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>

## OTHER STUDENT WELLNESS SERVICES

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ [www.rhscaps.rutgers.edu/](http://www.rhscaps.rutgers.edu/)

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / [www.vpva.rutgers.edu/](http://www.vpva.rutgers.edu/)

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the

appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the

accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.