

FNUT 4802 - Research Methods in Dietetics

Fall 2026 Syllabus, Section 01, CRN 40873,

Credit hours: 2

Instructor

Zara Rowlands

Professional Qualifications:

PhD, Dietetics and Nutrition, Florida International University, Miami, FL (2003)

MS, Nutritional Sciences, Howard University, Washington, DC (1995)

Dietetics Supervised Practice (1993-1995)

BS, Human Nutrition, Howard University, Washington, DC (1991)

Registered Dietitian Nutritionist (1995 – present)

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Communication Expectations:

24-hour advance notice for requested response.

Course Description

4802. Research Methods in Dietetics. Overview of research methodology, statistics and applications in the field of nutrition and dietetics. Prereq.: MATH 2623 or MATH 2623C or STAT 2625 or STAT 2625C and junior standing. 2 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	No Readings		

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Fri	8/28	Link posted to Academy of Nutrition and Dietetics Research Initiative	Introduction to Research	
Fri	9/4	Articles posted to course blackboard site	Ethics in Research – Human and Animal Guidelines	
Fri	9/11	CITI Training	Starting Your Research Study – Brainstorming, topics selected	
Fri	9/18	Online, in-class exploration of library resources	Using Ohio Link and selecting relevant articles for Review of Literature	
Fri	9/25	Exam 1	Covers Intro to Research & Ethics	
Fri	10/2	Review of Scientific journals in class	Organizing Literature, drafting an outline, and citing references, Scientific writing style.	



Fri	10/9	In class discussion	Study Proposal outline development
Fri	10/16	Link posted to Academy of Nutrition and Dietetics Research Initiative	Research Strategies - types of studies
Fri	10/23	Link posted to Academy of Nutrition and Dietetics Research Initiative	Defining Variables and Developing Hypotheses
Fri	10/30	Link posted to Academy of Nutrition and Dietetics Research Initiative	Developing the Methodology Section. Selecting Data collection tools or development as needed
Fri	11/6	Exam 2	Covers: Research Strategies, Variables, Hypotheses
Fri	11/13	Review of CAYUSE & IRB process	Intro to Institutional Review Board (YSU IRB/CAYUSE) Application.
Fri	11/20	IRB application input	IRB application review & submission
Fri	11/27	Thanksgiving Break	No Classes
Fri	12/4	In class activity	Piloting Study Instruments and SPSS primer for data entry and analyses
Fri	12/11	Final Exam	Final Study Presentation

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.