

Tentative Course Outline and Schedule for Spring 2019
HUN 6936: Research Projects in Nutrition and Dietetics – part 2 (1 credit)
Period 5 11:45 to 12:30 p.m.

VEG Group

Section 2B28, class No. 14733
Wednesdays, MCCB room 2102

APP Group

Section 305G, class No. 14763
Thursdays, UST 0101

INSTRUCTOR:

Bobbi Langkamp-Henken, Ph.D., R.D.
Food Science and Human Nutrition Department

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Office Hours: Tuesdays 1:00 to 3:00 p.m. by appointment (call 352-294-3700 to schedule). Other times: if my office door is open, please feel free to come in and see me.

COURSE DESCRIPTION:

Introduction to the research process part 2: carrying out the study and analyzing the data. Prerequisite: FOS6915 Research Planning (section for MSDI students).

COURSE OBJECTIVES:

1. Use relevant databases for literature review to support and discuss research findings.
2. Carry out a research project using appropriate research methods.
3. Analyze and present data in appropriate format (tables, charts, graphs).

As a result of completing the assignments and activities associated with this course, students will work toward or achieve the following competencies:

- CRDN 1.2: Apply evidence-based guidelines, systematic reviews and scientific literature.
- CRDN 1.5: Conduct projects using appropriate research methods, ethical procedures and data analysis.
- CRDN 4.4: Apply current nutrition informatics to develop, store, retrieve and disseminate information and data.

TEXT AND MATERIALS:

No text is required; however access to databases and journals for literature review and statistical analyses relevant to your research project is required. Additional readings/resources are provided on e-Learning in Canvas:

<http://elearning.ufl.edu>.

STUDENT EVALUATION:

Students will be evaluated on assignments, presentations, and peer evaluations. Attendance is required for all classes.

ASSIGNMENTS:

- Article presentation: One or two students will search PubMed and select a relevant article to present. If there are two students, one student will present the article and the other student will lead a discussion. Discussion topics may include: data analysis (statistics used) and presentation (graphs vs. tables), how does the presented study compare to your current study, and how can the presented study be used to help interpret your results. If only one student is doing the presentation, the class will be responsible for leading the discussion. The article should be original research. Copies of the article's figures and tables must be included in your PowerPoint presentation. Please email a copy of your paper to Dr. Henken and your classmates two days prior to your presentation. You are expected to read all articles and generate discussion topics prior to coming to class.
- Written SOP's for carrying out the study. As a group, write step-by-step directions for recruiting participants, conducting the research, and "cleaning up" your data. Scripts for what to say to participants may also be prepared to maintain consistency among study investigators. Using these scripts, we will role play interactions with pretend participants.
- PowerPoint presentation of study results. As a group, put together a presentation of your study. Include an introduction, brief review of literature, study hypothesis or purpose, aims, methods, results, summary, limitations, conclusions, practice points, and references.

GRADING:	<u>Points</u>
Article presentation	25
Written SOP's for carrying out study protocol and data clean-up	25
PowerPoint presentation of study results	30
Peer teamwork evaluations	
Mid-point evaluation	10
Final evaluation	<u>10</u>
Total	100

A = 100-94; A- = <94-90; B+ = <90-87; B = <87-84; B- <84-80; C+ = <80-77; C = <77-74; etc. Link to UF's grading policy: <http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>

Tentative Course Schedule

<u>DATE</u>	<u>TOPIC</u>
January	9/10 Review course syllabus and worksheets from last semester. Discuss study SOP's
	16/17 Role play pilot study using SOP's and IRB-approved documents. SOP's due Begin study if IRB has approved study
	23/24 Update study progress
	30/31 Update study progress
February	6/7 Update study progress and article presentation and discussion
	13/14 Update study progress and article presentation and discussion
	20/21 Update study progress and article presentation and discussion
	27/28 Update study progress Mid-point peer teamwork evaluations are due (please email to instructor).
March	6/7 Spring Break
	13/14 Update study progress and discuss data entry/coding
	20/21 Discuss data analysis Complete preliminary analysis on primary outcome.
	27/28 Discuss data analysis, tables and figures
April	3/4 Analyze data
	10/11 Analyze data
	17/18 Presentation of data tables and figures Please email to instructor 24 hours prior to the start of class.
Both sections	24 PowerPoint presentation of the study (see rubric) Please email the presentation to instructor 24 hours prior to the start of class. Complete course evaluations: https://evaluations.ufl.edu Final peer teamwork evaluations are due (please email to instructor).

Final Exam Periods

Tues., April 30th 10 - noon

Or

Wed., May 1st, 5:30 – 7:30 pm

Note: If it takes longer than anticipated to complete the research, one of these final exam periods will be used for the final review of data tables and figures for both sections.

GRADING RUBRICS:

Article presentation: You will receive the full 25 points if

	Points
1. the article is handed in on time (i.e., 2 days prior to presentation).	5
2. the article is relevant to your research topic.	5
3. you are able to confidently present / discuss the research and related graphs and tables.	10
4. your presentation is professional.	5

Study standard operating procedures (SOP's): You will receive the full 25 points if

	Points
1. Step-by-step directions comply with IRB approved documents	10
2. Steps are logical and cover all aspects of the study	15

PowerPoint presentation of study: You will receive the full 30 points if the

	Points
1. data are presented in such a way that they specifically address/answer the specific aims/study questions.	5
2. data are presented in the appropriate format (line graph vs. bar graph vs. table).	5
3. tables and figures are formatted in the style required by JAND.	5
4. table titles and footnotes and figure legends are appropriate (e.g., define abbreviations, describe statistics) and easy to understand.	5
5. presentation includes an introduction, brief review of literature, study hypothesis or purpose, aims, methods, results, summary, limitations, conclusions, practice points, and references.	10

Peer teamwork evaluations: Your grade will be determined by your peers (i.e., the average score from your peers) and scored as follows:

Peer being evaluated: by: _____ (initials)	Possible Points	Assigned Points
Communication – communicates effectively and in a timely manner (0=not effective or timely, 2=very effective or timely)	2	
Attendance – has attended all planning and preparation meetings and has been on time (0=very poor attendance and always late, 2=great attendance and on time)	2	
Responsibility – has assumed equal responsibility for their share of the project (0=others have had to assume these responsibilities, 4=completed their share of the responsibilities)	4	
Attitude – has maintained a positive attitude during the project (0=very poor attitude, 2=very positive attitude)	2	
Total	10	
Comments		

OTHER INFORMATION:

Grades and Grade Points: For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Online Course Evaluation Process: Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Absences and Make-Up Work: Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Academic Honesty: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “*We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.*” You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: “*On my honor, I have neither given nor received unauthorized aid in doing this assignment.*” It is assumed that you will complete all work independently in this course unless I give explicit permission for you to collaborate on course tasks (e.g. in-class assignments). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

Software Use: All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Campus Helping Resources: Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance. *University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu/cwc/* Counseling Services, Groups and Workshops, Outreach and Consultation, Self-Help Library, Wellness Coaching, U Matter We Care, www.umatter.ufl.edu/ *Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/*

Services for Students with Disabilities: The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

University of Florida Complaints Policy: The University of Florida believes strongly in the ability of students to express concerns regarding their experiences at the University. The University encourages its students who wish to file a written complaint to submit that complaint directly to the department that manages that policy. A student who is unsure as to the official responsible for handling his or her particular complaint may contact the Ombuds office or the Dean of Students Office. For complaints that are not satisfactorily resolved at the department level or which seem to be broader than one department, students are encouraged to submit those complaints to one of the following locations:

Ombuds: <http://www.ombuds.ufl.edu/>

31 Tigert Hall, 352-392-1308

The purpose of the Ombuds office is to assist students in resolving problems and conflicts that arise in the course of interacting with the University of Florida. By considering problems in an unbiased way, the Ombuds works to achieve a fair resolution and works to protect the rights of all parties involved.

Dean of Students Office: <http://www.dso.ufl.edu/>

202 Peabody Hall, 352-392-1261

The Dean of Students Office works with students, faculty, and families to address a broad range of complaints either through directly assisting the student involved to resolve the issue, working with the student to contact the appropriate personnel, or referring the student to resources or offices that can directly address the issue. Follow up is provided to the student until the situation is resolved. Additionally, the University of Florida regulations provide a procedure for filing a formal grievance in Regulation 4.012:

<http://regulations.ufl.edu/regulations/uf-4-student-affairs/>

U Matter, We Care: Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.