

COLLEGE OF HEALTH SCIENCES
DEPARTMENT OF FAMILY & CONSUMER SCIENCES
FACS 5330 3 CREDIT HOURS
SEMINAR IN FAMILY AND CONSUMER SCIENCES RESEARCH
FALL 2017

Faculty: Crystal Clark Douglas, PhD, RD
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Class Time: Mondays 1 – 3:50 pm
Classroom: MLHB 212

Office: MLHB 224

Office Hours: Mondays 9am-12pm;

Tuesdays & Thursdays 9:30-10:30am

Course Description

This course is designed to acquaint graduate students with the need for and contribution of research. Criteria are developed for the purpose of designing and completing research.

Required Text(s), Materials, Supplies

Required Textbook:

Drummond, KE, & Murphy-Reyes, A. (2018). Nutrition Research: Concepts and Applications. Burlington, MA: Jones & Bartlett Learning. ISBN-9781284101539

Recommended Resources :

American Psychological Association (2010).

Publication manual of the American Psychological Association (6 th ed.) Washington, DC.

(APA Style is required for this class). There are several free online APA format resources as well.

- Library and online resources will be utilized.
- Additional required readings will be made available via blackboard

If you own a laptop computer, please bring it to class.

Learning Outcomes: Students who successfully complete FACS 5330 will be able to:

1. Define research and identify the role of research in expanding knowledge
2. Define basic research terms and concepts
3. Apply the research process in conceptualizing a research proposal
4. Apply research principles to develop a proposal
5. Demonstrate ability to use, analyze, and interpret descriptive and inferential statistics
6. Evaluate research reported in professional journals
7. Evaluate benefits and issues related to quantitative vs. qualitative data

This course supports developing the following competencies related to the dietetic internship:

- CRDN 5.1: Develop a wellness-related research proposal with a business plan (budget) targeting employees, students or other community group.
- CRDN 5.2: Formulate a marketing plan/strategy for stakeholders' involvement, participation, recruitment of participants, and identify distribution channels and appropriate promotional efforts.
- CRDN 5.3: Execute one aspect of the plan through application/intervention and measure its effectiveness. Provide recommendations for improvement of the plan.
- CRDN 5.4: Dissemination of the results for the overall wellness project in a variety of forums, including local dietetic associations and produce a manuscript for a nutrition –related journal.

Course Requirements & Evaluation	Contribution To Grade
Annotated Bibliography	10%
Research Article Critique	10%
Class Activity/Presentation	10%
Research Proposal	30%
Research Proposal Review	10%
Proposal Presentation	10%
IRB Proposal	15%
CITI Training	5%
	100%

Grading Scale:

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
< 60%	F

Learning Activities and Assignments

Annotated Bibliography /Review Article Summary

Students will prepare an annotated bibliography with 8 or more references related to their chosen topic for the proposal. From these articles, one will be chosen for the article critiques. The purpose of this assignment is to begin to build a foundation for the review of literature and the research question for the proposal. Additional instructions will be provided in class.

Article Critique

Students will select **one primary** research article in an area of their interest from a professional referred journal, and will critique the article utilizing the Academy of Nutrition and Dietetic's EAL methods and

forms. The article may be one that has been submitted as part of the annotated bibliography. A copy of the article must be submitted with the assignment. Forms and additional instructions will be provided via Blackboard.

Class Activity/Presentation

As a member of a team, students will lead an interactive activity drawing from and related to educational content scheduled for the assigned class meeting. Teams have flexibility in planning the activity however must consult with the instructor for final approval. The purpose of the activity will be to allow the class an opportunity to review and apply terms, concepts and content related to the assigned chapter. The activity should be planned to last approximately 30-45 minutes. Critical Thinking Questions and Applied Activities at the end of the textbook chapters may be used to design the activity. Further information will be provided in class.

Research Proposal

Students will prepare a proposal for research on a topic of their choice. Topics must be pre- approved by the instructor. Students should follow the research proposal guidelines provided via Blackboard. The proposal must be typed, 1" margins, double- spaced and follow APA guidelines (see recommended resource above). The completed proposal should be eight (8) to twelve (12) pages, not including references or appendices. It should be IRB-ready.

Grading will be based on the following criteria:

Organization and Writing: Directions were followed; information is presented in a clear and logical sequence, proper spelling and sentence construction.

Writing Center on Campus: Student made effort to meet with staff and made edits/changes as suggested. In order to receive points, students are required to turn in original draft viewed by staff as well as the updated draft, including the new edits.

Content: Specific content categories are provided on the grading rubric.

Research Proposal Review

Students will review another classmate's research proposal. This assignment is intended to help students familiarize themselves with each other's research ideas, protocols, and methods. Students will be provided with guidelines to help them review the proposal and guidelines to provide constructive criticism. Time will be provided in class to allow for comments following the review process.

Proposal Presentation

Students will prepare a Powerpoint presentation detailing their proposed research proposal. The presentation will include a brief review of literature, study aim, hypotheses, and a detailed description of the study design. Further information will be provided in class.

IRB Proposal

Students will prepare IRB proposal for research proposal. The completed proposal must be

proofed and follow IRB guidelines. Forms and additional instructions will be provided in class.

IRB Training

Each student will complete the SHSU CITI training and earn CITI Certification. This can be accessed at: www.citiprogram.org. Further information regarding this training will be provided in class.

Course/Classroom Expectations and Requirements:

It is expected that students be prepared for class by reading the assigned chapters and that they actively participate in class discussion and group activities. Written assignments must be submitted by class time on the dates noted on the course schedule. Late assignments will receive a deduction of 10% for each day beyond the due date.

Attendance:

Class attendance is required. Students are expected to be prepared, on time and actively participate in all class sessions. One unexcused absence will result in a warning. Additional absences will be reviewed by the Program Director and will be subject to disciplinary action. Students that miss 25% (4 days) of class meetings will receive an automatic "F" for the course. Excessive tardiness (two or more) will be counted as an absence. You are responsible for all material presented in class and for all assignments. If you miss a class session, it is your responsibility to arrange with a fellow student to obtain any copies of handouts distributed, class assignments, announcements, etc. during the class session. Students who miss class for university sponsored events must present the instructor with valid documentation from the proper university authority.

University Policies

Rules of Conduct: Students are expected to comply with the university's Code of Conduct, found on the Dean of Students website at <http://www.shsu.edu/~slo/www/>. All students are expected to assist in maintaining an environment that is conducive to learning. Students are to treat faculty and other students with respect.

Religious Holy Days: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. "Religious holy day" means a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20, Tax Code. Students remain responsible for all work, and any missed work must be made up in a reasonable amount of time.

Academic Dishonesty: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in their academic experiences. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action as described in the student handbook. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty

including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. Plagiarism includes, but is not limited to, copying the work of another student, copying published work without appropriate citations, and allowing someone else to complete an assignment or work for the student.

Students with Disabilities: It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request help with academically related problems stemming from individual disabilities from their instructors, school/department chair, or by contacting the Director of the Office of Services for Students with Disabilities, Lee Drain North Annex, or by calling 936.294.3512, TDD 936.294.3786. **NOTE: No accommodation can be made until the student registers with the Office of Services for Students with Disabilities (SSD).** See the link at <https://www.shsu.edu/syllabus/>

Academic Grievance Procedures for Students (AP 900823)

Academic grievances include disputes over course grades, unauthorized class absences/tardiness, suspension for academic deficiency, instructor's alleged unprofessional conduct related to academic matters, graduate comprehensive and oral exams, theses and dissertations, and withdrawal or suspension of privileges related to degree-required clinical rotation, internships, or other clinical service delivery in professional degree programs.

If the dispute is determined to be based upon professional judgment, the aggrieved student is entitled to have, as appropriate and in turn, the department/school chair, College Academic Review Panel, academic dean, Dean of Graduate Studies (for graduate student issues), and Provost and Vice President for Academic Affairs form an opinion about the dispute and so advise the individual(s) involved.

<http://www.shsu.edu/dotAsset/0bb1346f-b8d6-4486-9290-dba24123d0d8.pdf>

Visitors in the Classroom

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Additional Resources:

All SHSU Policies: <http://www.shsu.edu/intranet/policies/>

Student Guidelines <http://www.shsu.edu/students/guide>

Course Schedule

The instructional schedule includes topics to be covered in each class and readings students are expected to complete prior to class. Insofar as possible, instruction will conform to this schedule. However, adjustments may be necessary during the semester.

Date	Topic	Assignments
8/28	Introduction to Course Discuss the use of research and research interests Ch 1 Introduction to Research –purpose, classification, and types	Chapter 2 – Appropriate Research Articles on own Begin thinking about potential research topic. Use multiple databases and collect list of 3 research articles of interest. Record search terms. Bring article to class
9/4	Labor Day	CITI Training Certificate Due – 9/11
9/11	Review Database Search and Outcomes Student-Discuss Research Interest Research Problems, Questions & Hypotheses Ch 6 – Quantitative Research Designs Ch 9 - Basics of Qualitative Research	Develop research interest. Continue with database search and collect 2 primary research articles of interest. Write statement of the problem and research question(s).
9/18	Discuss Research Problems, Questions & Hypotheses Anatomy of research article Annotated Bibliography/ Summary Table Developing a Research Proposal	Develop outline for research proposal
9/25	Authorship / Plagiarism Ch 14 – Writing & Disseminating a Research Proposal Organizing your references	Annotated Bibliography/Summary Table Due -9/25 Continue with outline and begin review of literature
10/2	Ch 8 – Understanding & Evaluating Quantitative Research; Ch 4- Key Concepts	Individualized meetings with research faculty
10/9	Ch 12- Understanding and Using Sources of Evidence Evidence Analysis Library	Indiv. meetings with research faculty
10/16	Ch 13 – How to Develop & Use Surveys in Research	EAL Article Due 10/16
10/23	FNCE	Activity – Sample Survey
10/30	Ch 11 – How to Evaluate Qualitative Research; Ch 9-Basics IRB requirements	Activity-Unethical Behaviors
11/6	Review of proposals by classmate	Activity- Research Proposal Due to Classmate
11/13	Review of proposals	Activity - Indiv. meeting with research faculty
11/20	Ch 7 – Epidemiological Research Designs	Activity- Research Proposal Due -11/20
11/27	Proposal Presentations	IRB Proposal Due 11/30