

**Graduation Composition and Communication Requirement (GCCR)
GCCR PROPOSAL AND CHANGE UNDERGRADUATE PROGRAM FORM**

I. General Information:

College:	<u>Agriculture, Food, and Environment</u>	Department (Full name):	<u>Dietetics & Human Nutrition</u>
Major Name (full name please):	<u>Human Nutrition</u>	Degree Title:	<u>B.S. in Human Nutrition</u>
Formal Option(s), if any:	<u>N/A</u>	Specialty Field w/in Formal Options, if any:	<u>N/A</u>
Requested Effective Date:	<u>FALL 2014, IF RECEIVED BY SENATE COUNCIL BY MONDAY, APRIL 7.</u>		
Contact Person:	<u>Tammy Stephenson</u>	Phone:	<u>7-2353</u>
		Email:	<u>tammy.stephenson@uky.edu</u>

II. Parameters of the Graduation Composition and Communication Requirement (GCCR):

The new GCCR replaces the old Graduation Writing Requirement. It is fulfilled by a course or courses specified within a B.A./B.S. degree program. As outlined in draft Senate Rule 5.4.3.1, the GCCR stipulates that students must successfully complete this requirement after achieving sophomore status and prior to graduation. To satisfy the GCCR, students must earn an average grade of C or better on the designated Composition and Communication (C&C) intensive assignments produced in any given course designated as fulfilling some or all of the GCCR. The requirements for GCCR courses include:

- at least 4500 words of English composition (approximately 15 pages total);
- a formal oral assignment *or* a visual assignment;
- an assignment demonstrating information literacy in the discipline;
- a draft/feedback/revision process on GCCR assignments.

The program requirements for the GCCR include:

- at least one specific Program Student Learning Outcome for C&C outcomes;
- a plan for assessing both the writing and oral *or* visual components of the GCCR;
- clear goals, rubrics, and revision plans for GCCR implementation.

Upon GCCR approval, each program will have a version of the following specification listed with its Program Description in the University Bulletin:

“Graduation Composition and Communication Requirement. Students must complete the Graduation Composition and Communication Requirement as designated for this program. Please consult a college advisor or program advisor for details. See also ‘Graduation Composition and Communication Requirement’ on p. XX of this Bulletin.”

III. GCCR Information for this Program (by requirement):

A. List the courses currently used to fulfill the old Graduation Writing Requirement:
<u>DHN 475: Research in Nutrition - Applications currently fulfills the GWR requirement for human nutrition students.</u>
B. GCCR Program Outcomes and brief description:
1. Please specify the Major/Program Student Learning Outcomes (SLOs) pertaining to Composition & Communication and the GCCR requirement. These are <i>program</i> outcomes, not <i>course</i> outcomes. Please specify the program-level SLOs for C&C in your program: <u>Students will be able to conduct a quality research study through grant writing, synthesis of available literature, survey design, statistical analysis, and preparation of a professional article and poster.</u>
2. Please provide a short GCCR description for your majors (limit 1000 characters): Please explain the GCCR requirement in language appropriate for undergraduate majors to understand the specific parameters and justification of your program’s GCCR implementation plan: <u>DHN 474 and 475 are writing and communication intense courses for human nutrition-majors only. The required courses allow students to design a research study, write a grant, prepare a comprehensive literature review, design a survey, conduct statistical analyses on collected data, and prepare a professional article and poster to present at University and regional events. There are no exams, but students will be completing numerous assignments relevant to future study in professional</u>

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health sciences programs and/or graduate work. The process of drafting and revising a paper based on both peer and instructor input is integral to success in this course. The course will be taught by faculty in the Department of Dietetics and Human Nutrition using a variety of student-centered instructional tools.

C. Delivery and Content:

1. Delivery specification: for your major/program, how will the GCCR be delivered? Please put an X next to the appropriate option. (Note: it is strongly recommended that GCCR courses be housed within the degree program.)

- a. Single required course within program
- b. multiple required or optional courses within program
- c. course or courses outside program (i.e., in another program)
- d. combination of courses inside and outside program
- e. other (please specify): _

2. Basic Course Information: Please provide the following information for course(s) used to satisfy the GCCR, either in whole or in part:

Course #1: Dept. prefix, number, and course title: DHN 474: Research in Nutrition - Theory

- new or existing course? existing (new courses should be accompanied by a New Course Proposal)
 - if a new course, check here that a New Course Proposal has been submitted for review via eCATS
- required or optional? required
- shared or cross-listed course? no
- projected enrollment per semester: 60

Course #2 (if applicable): Dept. prefix, number, and course title: DHN 475: Research in Nutrition - Applications

- new or existing course? existing (new courses should be accompanied by a New Course Proposal)
 - if a new course, check here that a New Course Proposal has been submitted for review via eCATS
- required or optional? required
- shared or cross-listed course? no
- projected enrollment per semester: 60

Course #3 (if applicable): Dept. prefix, number, and course title: _____

- new or existing course? _____ (new courses should be accompanied by a New Course Proposal)
 - if a new course, check here that a New Course Proposal has been submitted for review via eCATS
- required or optional? _____
- shared or cross-listed course? _____
- projected enrollment per semester: _____

3. Shared courses: If the GCCR course(s) is/are shared from *outside* the program, please specify the related department or program that will be delivering the course(s). Please provide the following:

• **Contact information of providing program:**

• **Resources:** what are the resource implications for the proposed GCCR course(s), including any projected budget or staffing needs? If multiple units/programs will collaborate in offering the GCCR course(s), please specify the resource contribution of each participating program.

• **Memorandum of Understanding/Letter of Agreement:** Attach formal documentation of agreement between the providing and receiving programs, specifying the delivery mechanisms and resources allocated for the specified GCCR course(s) in the respective programs (include with attachments).

Date of agreement: _____

4. Syllabi: Please provide a sample syllabus for each course that will be designated to fulfill the GCCR. Make sure the following things are clearly indicated on the syllabi for ease of review and approval (check off each):

- the GCCR assignments are **highlighted** in the syllabus and course calendar;
- the GCCR assignments meet the minimum workload requirements as specified by the Senate Rules for GCCR courses (see the draft Senate GCCR rule linked [here](#));
- the elements are specified in the syllabus that fulfill the GCCR requirement for a clear draft/feedback/revision process;
- the grade level requirements for the GCCR are specified on the syllabus (i.e., an average of C or better is required on GCCR

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assignments for credit);

- the course or sequence of courses are specified to be completed after the first year (i.e. to be completed after completing 30 credit hours) for GCCR credit;
- the course syllabus specifies “This course provides full/partial GCCR credit for the XXX major/program”
 - if the course provides partial GCCR credit, the fulfilled portion of the GCCR must be specified and the other components of the GCCR for the program must be specified: e.g. “This course provides partial credit for the written component of the GCCR for the XXX major/program in conjunction with Course 2”

5. Instructional plan: Summarize the instructional plan for teaching the C&C skills specified in the program SLOs and delivered in the course(s). Include the following information in **brief** statements (1000 characters or less). Information can be cut-and-pasted from the relevant sample syllabus with indications **where** on the syllabus it is found:

- overview of delivery model: summarize how the GCCR will be delivered for **all** program majors: explain how the delivery model is appropriate for the major/program and how it is offered at an appropriate level (e.g. required course(s), capstone course, skills practicum sequence of courses, etc.):

DHN 474 and 475 are writing and communication intense courses required for human nutrition majors. It is anticipated that the majority of students will take DHN 474 Fall and DHN 475 Spring of their senior year. The assignments in DHN 474 build up to a capstone research project that is then completed in DHN 475. The course is taught as a hybrid course.

- assignments: overview or list of the assignments to be required for the GCCR (e.g. papers, reports, presentations, videos, etc.), with a summary of how these GCCR assignments appropriately meet the disciplinary and professional expectations of the major/program:

The assignments have been designed to meet the composition and communication needs and skills of future healthcare professionals (e.g. Medicine, Dentistry, Pharmacy, Physician Assistant Studies, Physical Therapy Studies, Optometry). As such, the course is research-driven with a focus on current trends and research needs related to human nutrition and wellness. Assignments are set up in a way that students understand and have experience with developing a research topic, collecting data, analyzing the data, and presenting the findings relative to others in the same field. The utilization of research theory and methods allows students the opportunity to publish their findings.

GCCR requirements: 4500+ words and visual assignment

DHN 474 -

Research aims and hypothesis - 250 words

Introduction/literature review - 1000-1250 words

Research grant -1250 words

DHN 475-

Abstract - 250 words

Research brief - 4000 word minimum

Professional poster {GCCR visual assignment}

- revision: description of the draft/feedback/revision plan for the GCCR assignments (e.g. peer review with instructor grading & feedback; essay drafting with mandatory revision; peer presentations; etc.):

Students will submit drafts of all major assignments that will be reviewed with feedback provided by the course instructor. Students must make revisions to each assignment and turn in the revised version as part of subsequent assignments (assignments build on each other until the final paper/poster/presentation). Each assignment in DHN 474 and DHN 475 ultimately becomes a component of the final research brief in DHN 475. A total of six revisions are conducted throughout the semester before the final paper is submitted. A total of two revisions are conducted for the poster before the final poster is printed and presented.

- other information helpful for reviewing the proposal:

D. Assessment:

In addition to providing the relevant program-level SLOs under III.B, please specify the assessment plan at the program level for the proposed course(s) and content. Provide the following:

- specify the assessment schedule (e.g., every 3 semesters; biennially):

The SLO will be assessed biennially.

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<ul style="list-style-type: none">• identify the internal assessment authority (e.g. curriculum committee, Undergraduate Studies Committee): <u>The SLO will be assessed by the DHN curriculum committee.</u>
<ul style="list-style-type: none">• if the GCCR course(s) is/are shared, specify the assessment relationship between the providing and receiving programs: explain how the assessment standards of the receiving program will be implemented for the provided course(s): <u>N/A</u>

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Signature Routing Log

General Information:

GCCR Proposal Name (course prefix & number, program major & degree):	DHN 474: Research in Nutrition - Theory DHN 475: Research in Nutrition - Applications Human Nutrition, BS in Human Nutrition
Contact Person Name:	Tammy Stephenson, Director of Undergraduate Studies
Phone:	7-2353
Email:	Tammy.Stephenson@uky.edu

Instructions:

Identify the groups or individuals reviewing the proposal; record the date of review; provide a contact person for each entry. On the approval process, please note:

- Proposals approved by Programs and Colleges will proceed to the GCCR Advisory Committee for expedited review and approval, and then they will be sent directly to the Senate Council Office. Program Changes will then be posted on a web transmittal for final Senate approval in time for inclusion in the Fall 2014 Course Bulletin.
- New Course Proposals for the GCCR will still require review and approval by the Undergraduate Council. This review will run parallel to GCCR Program Change review.
- In cases where new GCCR courses will be under review for implementation after Fall 2014, related GCCR Program Changes can still be approved for Fall 2014 as noted "*pending approval of appropriate GCCR courses.*"

Internal College Reviews and Course Sharing and Cross-listing Reviews:

Reviewing Group	Date Reviewed	Contact Person (name/phone/email)
Home Program <i>review by Chair or DUS, etc.</i>	3/4/2014	Sandra Bastin, DHN Chair / 7-3800 / sbastin@uky.edu
Providing Program <i>(if different from Home Program)</i>		/ /
Cross-listing Program <i>(if applicable)</i>		/ /
College Dean	3/14/2014	Larry J. Grabau, Associate Dean for Instruction / 7-3469 / lgrabau@uky.edu
		/ /

Administrative Reviews:

Reviewing Group	Date Approved	Approval of Revision/ Pending Approval ¹
GCCR Advisory Committee	2/26/2014	

Comments:

¹ Use this space to indicate approval of revisions made subsequent to that group's review, if deemed necessary by the revising group; and/or any Program Change approvals with GCCR course approvals pending.

DHN 474 Research in Nutrition: Theory
FALL 2014 COURSE SYLLABUS

Instructor: Alison Gustafson, PhD, MPH, RD
Teaching Assistant:
Office: 206G Funkhouser Building
Office Hours: Tuesday/Thursday 11-12pm, or by appointment
Mailbox: Funkhouser Building
Phone: 257-1309 (office)
E-Mail: alison.gustafson@uky.edu (the best way to reach me)

*I will return e-mails within 2 days of receipt

I will be online via e-mail on most Sunday nights from 8-10pm and can chat to answer questions

Course Description

A required course which allows the student to explore research opportunities in the health field, identify potential funding sources, review institutional review board requirements, and develop a grant proposal based on their own interests in nutrition.

Prerequisites

Human Nutrition majors only. Senior standing. DHN 311 (may be taken concurrently with consent of Instructor).

This course fulfills the Graduation Composition and Communication Requirement (GCCR) for Human Nutrition students [proposed]. To receive GCCR credit for this course, you must have successfully completed the first-year composition and communication requirement (CIS/WRD 110/111 or equivalent) and have completed at least 30 hours of coursework. An average of C or better is required on assignments for GCCR credit.

Student Learning Outcomes

Upon completion of the course students should be able to:

- (1.) Show a clear understanding of research design and the various forms of research approaches at the individual and community level.
- (2.) Describe laboratory and clinical research trials being conducted at the University of Kentucky and throughout the city and state.
- (3.) Write a professional literature review and survey intended for data collection
- (4.) Explain regulatory agencies, such as the Institutional Review Board (IRB), and document successful completion of IRB and Laboratory Safety training.
- (5.) Express opinions on relevant issues related to ethics in research with an emphasis on bioethics.
- (6.) Describe statistical terminology frequently presented in journal articles and basic statistics to be utilized in evaluating data.
- (7.) Show enhanced writing skills, particularly as related to scientific writing.
- (8.) Utilize library and internet search engines to research relevant scientific journal articles.

- (9.) Demonstrate excitement for the most current advances in nutrition and food science and to pursue any individual research interests that you may have.

COURSE GOAL

The DHN 474 and 475 course sequence ultimately results in you developing and conducting your own survey and data collection, kind of cool! Throughout the semester you will read several articles about research design and methodology and some examples of different types of research. Students will be expected to discuss articles online through blackboard and be able to critically analyze research articles. Each student will be designing their own research study that can be conducted in the first two months of the spring semester. What you learn in the Fall has a large impact on how successful you are in the spring semester. The Fall semester allows you time to learn what research is all about while the spring you apply what you have learned and bring it all together.

COURSE REQUIREMENTS

Independent Assignments

All assignments are due by 5:00 pm on the day that they are due. Students will lose 10 points for each day the assignment is turned in after the due date and time. NO assignments can be turned more than 2-academic days after the due date. Assignments are either submitted via e-mail or hard copy.

(1.) IRB Training

Students will complete Institutional Review Board training through the University of Kentucky. These trainings are available online. Details of how to access the training sites are provided on Blackboard. Hard copies of the verification notices should be left in my mailbox.

(2.) Independent Research

This assignment will allow you to explore projects that students have done in the past to give you an idea of a direction that you may take with your own research. This assignment allows you to determine what worked and what did not work in the past to provide an opportunity to improve on methods and approaches for your project. Details on this assignment are provided on Blackboard. Students will submit their assignment to the Instructor via e-mail.

(3.) Research Aims and Hypothesis

Choose a topic that is of interest to you right now. It needs to be health related but doesn't have to be related to nutrition. You will read current research papers and then learn to develop your own research AIMS and Hypothesis related to your research questions. Details on the assignment are provided on Blackboard. Students will submit their assignments on Blackboard where other students will need to give feedback. Students will make revisions and then submit to the Instructor via e-mail. *12 point font, 1.5 spacing, Times New Roman, 1 page/250 words*

(4.) Introduction/Literature Review

After you have your aims and hypothesis approved you need to conduct an extensive review of the literature related to your topic of interest. You will use Google Scholar and PubMed as your main

source for finding articles related to your topic. Directions on how to conduct a literature review are on Blackboard. This section is very important to start your research brief. *12 point font, 1.5 spacing, Times New Roman, 4-5 pages/1000-1250 words*

(5.) Data Collection

You will be assisting with data collection for a Graduate student in the Nutrition and Dietetics Department. The week of October 15th you will each sign up for a time and location to 1) hand out surveys; 2) enter data into an excel spread sheet; and 3) assist with data cleaning. This assignment will help prepare you to understand how to develop and distribute your own survey data.

(6.) Making sense of data

Why do I need Excel? After collecting data next semester you will be organizing, analyzing, and interpreting that data. You will use Microsoft Excel to do this. Some of you may have used Excel more than others, but I would like for us to start getting familiar with its use. I have pasted a link here and on Blackboard for some instructional videos on using excel for data analyses. Because there is a lot of variability in Excel experience in the class I will be available to assist students in completing this assignment (dates to be announced). For those of you that are very ambitious and enjoy crunching numbers SPSS is also a great and easy way to analyze data. I will make times available to learn SPSS as well. **Either Excel or SPSS are required.**

On blackboard there is a data set describing Supplemental Nutrition Assistance Program (SNAP) participants in Kentucky. I have included a table describing this data. Please answer the questions on Blackboard about this data set.

(7.) Survey Development

You will start a draft of your survey questions that will be used Spring Semester for your research project. You need to look online at research articles that have used surveys which capture the information you want to collect. This is the survey you will use second semester so you need to take a lot of time and think deeply about your survey questions. Students will submit their assignments on Blackboard where other students will need to give feedback. Students will make revisions and then submit to the Instructor via e-mail.

(8.) Research Grant

In this class you have conducted a literature review, developed aims and hypothesis, learned how to work with data in order to write something about a data analyses plan, and used data collection methods. It's now time to put everything you have learned into one package!! What you develop now as a first draft research grant will actually be implemented in the spring. Students will develop a research project that will actually be completed in DHN 475 (Spring semester). Students are expected to come up with an interesting and innovative topic to research. They will then write a 5-page research brief describing their research problem, background literature, and research design. The paper submitted for this part of the course will serve as a draft. Then, students will resubmit the grant at the beginning of DHN 475. This is a key element to the class as it will serve as the foundation for DHN 475. Specific guidelines and instructions for the grant preparation are available on Blackboard. *12 point font, 1.5 spacing, Times New Roman, 5 pages/1250 words*

BLACKBOARD

Students must access Blackboard (www.elearning.uky.edu) for use of the DHN 474 course website. All communication throughout the semester will occur via Blackboard. As such, students are expected to access the course site *at least three times per week* to view important announcements and participate in the discussion board. The website provides information on all assignments, papers, and exams. As well, the external links are carefully chosen to help you when completing work in this course. Please read all of the information provided and check the site frequently.

STUDENT EVALUATION

	<i>Points Possible</i>
Ind. Assignments	
IRB training	50
Independent Research	50
Aims/Hypothesis	50
Literature Review	50
Data Collection	50
Making sense of data	50
Survey Development	50
Grant	100
	Total Points = 450

Final Grading Scale

Your grade will be calculated based on the points you have acquired in the class.

405-450	A	270-358	D
360-404	B	≤269	E
315-359	C		

Midterm grades will be posted in mid-October per UK policy.

COURSE POLICIES

Academic Dishonesty:

Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: plagiarism (copying or using someone else's work as your own – intellectual theft), utilization of unauthorized materials during academic evaluations, and giving or receiving unauthorized assistance during evaluations. Even evidence of inadvertent improper use of materials can result in a charge of academic dishonesty.

Penalties for academic dishonesty vary depending on the severity of the offense and any previous offenses. The minimum penalty for a first offense is a zero on the assignment in question and a final grade reduction of one letter grade. Serious or repeat offenses will result in an E or XE grade for the course.

For more information, see Part II, Section 6.3.0 of “The Code of Student Conduct” which can be viewed online at <http://www.uky.edu/StudentAffairs/Code/part2.html>. You may also want to visit the Academic Ombud’s website: <http://www.uky.edu/Ombud>. There you will find a paper “Plagiarism: What is it?” and an online tutorial entitled “How to avoid plagiarism.”

Excused Absences (from the UK Handbook):

S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences:

1. Serious illness
2. Illness or death of family member
3. University-related trips
4. Major religious holidays
5. Other circumstances you find to be “reasonable cause for nonattendance”

Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family.

Policy on academic accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Policy of the Department of Dietetics & Human Nutrition on student self-selection of topics for assignments, papers, and research projects

For many classes you take as part of your major requirements in the Department of Dietetics & Human Nutrition you will have the opportunity to choose your own topic for an assignment, paper, or research project. Faculty encourage students to choose a topic based on their own interests. To promote student learning it is the policy of the Department that a different topic must be chosen for each class/assignment. This will allow you the chance to critically investigate and evaluate a wider range of issues relevant to our field. Please talk with your Instructor about any questions you have about this policy.

DHN 474 COURSE SCHEDULE

FALL 2014 (dates listed from Fall 2013)

DUE DATE	IN CLASS OR REQUIRED MEETING	WHAT?	How Submitted
	Friday Aug 30 th 1-1:50 Classroom Building 214	Introduction to Class	
Thurs, September 12 th 5pm		Independent Assignment #1 - IRB Training	Hard copies of certifications in Instructor's mailbox or under door We prefer that you e-mail them to lmgo223@g.uky.edu – Lindsey Goderwis (TA)
Thurs, Sept 26 th 5pm		Independent Assignment #2- Independent Research	E-mail to lmgo223@g.uky.edu – Lindsey Goderwis (TA)
Oct 2nd	In Class meeting 1-1:50 CB 214 Echo 360 Course Capture	Aims and Hypothesis Readings on BB	
Thurs, Oct 17 th 5pm		Independent Assignment #3- Research Aims and Hypothesis	E-mail assignment to Dr. Gustafson Alison.gustafson@uky.edu
Oct 16th	In Class meeting 1-1:50 CB 214 Echo 360 Course Capture	Review Literature Review	
Thurs, Oct. 31 st 5pm		Independent Assignment #4 – Literature Review	E-mail assignment to Dr. Gustafson Alison.gustafson@uky.edu

October	DATA Collection on campus	Data collection with survey with Master's Study	Sign in sheet with Mallory Foster at the site. Lindsey Goderwis will take care of signing students up. Please e-mail Lindsey lmgo223@g.uky.edu to set up your time
Nov 8th	In Class meeting 1-1:50 CB 214 Echo 360 Course Capture	Review previous assignments and Data Collection (Readings on BB and You Tube Video)	
Thurs Nov 14 th 5pm		Independent Assignment #5 – Making Sense of Data	E-mail assignment to lmgo223@g.uky.edu
Nov 20th	In Class meeting 1-1:50 CB 214 Echo 360 Course Capture	Survey Development and Methods. (Ppt slides and Reading on BB)	http://www.gwumc.edu/library/tutorials/studydesign101/index.html
Thurs Nov 28 th 5pm		Independent Assignment #6 – Survey Development	E-mail assignment to Dr. Gustafson
Dec 2 nd	In Class meeting 1-1:50 CB 214 Echo 360 Course Capture	Review components for research brief	
Thurs Dec 12 th 5pm		Research Brief Due – Contains literature review, survey, and methods section with some analysis description	E-mail assignment to Dr. Gustafson

Dr. Gustafson will be in Atlanta for The Obesity Society (TOS) annual meeting Nov 12-15th with limited e-mail access.

DHN 475 Research in Nutrition: Application **SPRING 2015 COURSE SYLLABUS**

Instructor: Alison Gustafson, PhD, MPH, RD
Office: 206G Funkhouser Building
Office Hours: Tuesday/Thursday 1:00-2:00pm, or by appointment
Mailbox: 209 Funkhouser Building
Phone: 257-1309 (office)
E-Mail: alison.gustafson@uky.edu (the best way to reach me)

Course Description

A required course which allows the student to develop and refine a survey; collect primary data; analyze data; prepare a professional research brief; and present a poster at University and regional events. This course allows students to understand the basic principles of applied research in a study setting. The overall goal of the study is for students to understand and apply the basic principles of research into a study setting ending with a professional research brief suitable for peer-reviewed publication.

Prerequisites

Human Nutrition majors only. Grade of a "C" or better in DHN 474.

This course fulfills the Graduation Composition and Communication Requirement (GCCR) for Human Nutrition students [proposed]. To receive GCCR credit for this course, you must have successfully completed the first-year composition and communication requirement (CIS/WRD 110/111 or equivalent) and have completed at least 30 hours of coursework. An average of C or better is required on assignments for GCCR credit.

Suggested Textbooks

Pan, M. Ling. Preparing Literature Reviews: Qualitative and Quantitative Approaches, Third Edition, 2008. Pyrzak Publishing. ISBN # 1-884585-76-0

Monsen, ER. Research: Successful Approaches, Third Edition, 2008. American Dietetic Association.

Recommended Textbooks (optional, depending on statistics background)

Holcomb, ZC. Interpreting Basic Statistics: A Guide and Workbook Based on Excerpts from Journal Articles, Fifth Edition, 2007. Pyrzak Publishing. ISBN # 1-884585-71-X

This textbook is recommended for those students who have not yet taken STA 291 or who need a refresher in basic statistics. The Instructor has answers to all of the textbook exercises and will provide them to anyone who is interested!

Student Learning Outcomes

Upon completion of the course students should be able to:

- (1.) Conduct their own research project including developing an idea, writing a research brief, developing a survey, gathering data, completing appropriate statistical analyses, and presenting findings to the class.
- (2.) Write a paper that is essentially free of mechanical errors (grammar, punctuation, spelling, and syntax) and awkwardness, using a style that is appropriate to the purpose and audience.
- (3.) Demonstrate an ability to discover, evaluate, and clearly present evidence in support of an argument in the subject area and utilize documentation that conforms to the formats and citation conventions of the subject area.
- (4.) Be aware that composing a successful text frequently takes multiple drafts, with varying degrees of focus on generating, revising, editing, and proofreading.
- (5.) Write a capable, interesting essay about a complex issue (discipline-specific) for a general university audience.
- (6.) Utilize library and internet search engines to research relevant scientific journal articles and to properly cite these articles in their own work.
- (7.) Develop a creative, organized, and concise poster to present research findings.
- (8.) Present findings in a professional poster session to students and faculty in the Department and potentially at University and/or regional events.
- (9.) Explore the most current advances in nutrition and food science and pursue any individual research interests that he/she may have. This includes finding potential funding agencies for future undergraduate research projects.

COURSE REQUIREMENTS

Assignments

All assignments are due by 5:00 pm on the day that they are due. Any late assignment will receive -10 points. No assignments can be turned in for any points after one full day. Research briefs will lose -20 points after 1 day being late. NO research brief can be turned more than 3-academic days after the due date. NO late project updates will be accepted. Please submit all assignments, except the research brief, via e-mail. Please turn in the final research brief in both e-mail and hard copy.

(1.) Survey and Excel sheet with data variables– Due January 23rd

Students will have revised the survey based on feedback from first semester. Hand in the revised survey with codes and excel sheet for final review before data collection. Details are available on Black Board.

Final surveys will be given back to students by January 25th. You will have exactly one month to collect your data and analyze!!!

***Remember to use Qualtrics or survey monkey if you can**

(2.) Data Analyses and Tables – Due February 13th 5pm

Students will turn in at least 2 tables and two figure/graphs from analyses for feedback for poster. Details on Blackboard.

* There is a HIGHLY requested meeting for data analyses on February 6th from 1-2pm. Room TBA. Please make every effort to attend.

(3.) Abstract for Undergraduate Showcase – Due to instructor March 6th 5pm

Students will prepare a 300 word professional abstract. The abstract will provide a summary of the research project, including background information, methods, and results of the research study. Details on how to write the abstract are available on Blackboard. The abstract will be reviewed in draft form by the course instructor and returned for revisions prior to submission of the final abstract. 1 page/250 words

(4.) Poster slide via power point – Due March 27th

Students will prepare a professional poster using a standard PowerPoint slide. Directions and examples are available on Blackboard. The abstract will be reviewed in draft form by the course instructor and returned for revisions prior to submission of the final poster design for printing.

(5.) Results section – due April 7th 5pm

Students will prepare a draft results section which discusses the results obtained from the data analysis assignment. The results must discuss what each of the statistical tests indicates in regard to the outcome and exposure variables of interest. This section must show proficiency in understanding and interpreting the statistical tests performed as it relates to the data. Details are available on Blackboard. The section will be graded by the Instructor and returned to the student for revisions prior to the submission of the final research brief. *12 point font, 1.5 spacing, Times New Roman, 2 pages/500 words*

(5.) Discussion Section – due April 17th 5pm

Students will prepare a draft discussion section for the research brief which is related to the results and includes at least 10 references that are not in the literature review. Details are available on Blackboard. The section will be graded by the Instructor and returned to the student for revisions prior to the submission of the final research brief. *12 point font, 1.5 spacing, Times New Roman, 4-5 pages/1000-1250 words*

(6.) FINAL RESEARCH BRIEF – due May 1st 5pm

Students completed a research draft proposal at the end of DHN 474. Students will have revised the grant during the semester, included the data analyses and tables section, and will have written a results and discussion section with revisions. All aspects of the final research brief will have gone through the draft and revision process. Directions on what is included in the research brief are available on Blackboard. *12 point font, 1.5 spacing, Times New Roman, 15 page/4000 word (minimum)*

(7.) Showcase of Research Project – April 28th 4-7 pm

Students must attend and present their professional poster (developed earlier in the semester). Students will print and display their poster. Faculty and other students will be circulating to ask questions about the research process, results, and interpretation of findings. **THIS IS MANDATORY** as part of meeting the GCCR requirements.

BLACKBOARD

Students must access Blackboard (www.elearning.uky.edu) for use of the DHN 475 course website. All communication throughout the semester will occur via Blackboard. As such, students are expected to access the course site *at least three times per week* to view important announcements. The website provides information on all assignments, papers, and the research project. As well, the external links are carefully chosen to help you when completing work in this course. Please read all of the information provided and check the site frequently.

COMMUNICATION

Please utilize the discussion board on Blackboard to ask questions to the other students. I will respond to e-mails once a week on Sunday evenings. Therefore, your classmates can be the biggest help during this process.

STUDENT EVALUATION

Assignments	Revised survey and excel data sheet	50
	Abstract	20
	Power point slide	20
	Data Analyses & Tables	50
	Results Section	50
	Discussion Section	50
	Final Research Brief	100
	Research Presentation	100
		Total points: 440

Final Grading Scale

396-440	A	264-307	D
352-395	B	< 264	E
308-351	C		

Your attendance at the Showcase of Scholars is expected and MANDATORY.

Midterm grades will be posted in mid-March per UK policy.

COURSE POLICIES

Academic Dishonesty:

Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: plagiarism (copying or using someone else's work as your own – intellectual theft), utilization of unauthorized materials during academic evaluations, and giving or receiving unauthorized assistance during evaluations. Even evidence of inadvertent improper use of materials can result in a charge of academic dishonesty.

Penalties for academic dishonesty vary depending on the severity of the offense and any previous offenses. The minimum penalty for a first offense is a zero on the assignment in question and a final grade reduction of one letter grade. Serious or repeat offenses will result in an E or XE grade for the course.

For more information, see Part II, Section 6.3.0 of “The Code of Student Conduct” which can be viewed online at <http://www.uky.edu/StudentAffairs/Code/part2.html>. You may also want to visit the Academic Ombud’s website: <http://www.uky.edu/Ombud>. There you will find a paper “Plagiarism: What is it?” and an online tutorial entitled “How to avoid plagiarism.”

Excused Absences (from the UK Handbook):

S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences:

1. Serious illness
2. Illness or death of family member
3. University-related trips
4. Major religious holidays
5. Other circumstances you find to be “reasonable cause for nonattendance”

Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family.

Policy on academic accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Policy of the Department of Dietetics & Human Nutrition on student self-selection of topics for assignments, papers, and research projects

For many classes you take as part of your major requirements in the Department of Dietetics & Human Nutrition you will have the opportunity to choose your own topic for an assignment, paper, or research project. Faculty encourage students to choose a topic based on their own interests. To promote student learning it is the policy of the Department that a different topic must be chosen for each class/assignment. This will allow you the chance to critically investigate and evaluate a wider range of issues relevant to our field. Please talk with your Instructor about any questions you have about this policy.

DHN 475 COURSE SCHEDULE

SPRING 2014

DUE DATE	WHAT?	How Submitted
January 16th	In-class meeting 2-3 in WhiteHall Classroom building room 201	This will be available on Echo 360 We will go over what is expected second semester and the survey and excel sheet assignment!!
January 23 rd	Survey and excel sheet Due to instructor	E-mail assignment to Instructor Alison.gustafson@uky.edu
February	ONE MONTH TO COLLECT DATA	
February 5th	IN CLASS MEETING TO REVIEW DATA ANALYSES – 12-12:50 Funkhouser Room 307B	Attendance is highly encouraged!!!!
February 13 th	Data analyses tables and graphs due to instructor	E-mail assignment to Instructor Alison.gustafson@uky.edu
March 6 th	Abstract submitted to instructor	E-mail form to Instructor
March 17-22	Spring Break	
March 27th	Poster submitted to instructor via ppt. slide	E-mail to Instructor
April 7 th	Results	E-mail to Instructor
April 17 th	Discuss Section	E-mail to Instructor
April	Research Presentation	Poster Printed and Displayed
May 1	Final Research Brief	E-mail to Instructor