



Syllabus for Health Science

Credits: 3
HS 4990

Instructor Contact Information:

You can also always send your instructor a private message through the Moodle Messaging system. Once logged into your course, click your instructor's Moodle profile page to be provided with ways to communicate with them. Your instructor's email will also be listed in their profile.

Course Description

Research and data are ubiquitous in healthcare, touching every field and every specialization. From the clinic to the boardroom, decisions are driven by evidence. Thus, every healthcare worker needs to be able to read and understand how data is gathered and how to interpret it. In this course, students learn the basics of planning and conducting research in the health sciences. Building on previous coursework, students will review research design, sampling techniques, and the ethics of health and medical research using human subjects.

Learning Objectives

Program Learning Outcomes (PLOs)

1. Students will be able to explain the social and biological causes of health and illness.
2. Students will be able to articulate a holistic view of the determinants of mental health and psychopathology
3. Students will be able to cover the knowledge and skills needed to perform effectively within the context of disease prevention and the promotion of health.
4. Students will be able to utilize team building skills to lead and/or co-lead collaborative projects to accomplish group goals



5. Students will be able to apply the basic principles of organizational theory to the relationship between health care and health
6. Students will be able to develop an understanding of the role of policy, ethics and resources in the management of prevention programming and health service delivery.
7. Students will be able to formulate responses to ethical and legal concerns relating to health service provision as well as health and medical research
8. Students will be able to communicate using well-organized arguments and credible supporting evidence.

Course Learning Objectives (CLOs):

Students will be able to:

- CLO1. Explain the basics of planning and conducting health and medical research.
- CLO2. Identify and describe quantitative, qualitative, and mixed-methods research designs.
- CLO3. Evaluate sampling techniques for health and medical research.
- CLO4. Examine legal and ethical guidelines for the protection of human subjects in research.
- CLO5. Assess the application of health science research to health science practice.

Co/Prerequisites

HS 4510 and HS 4810

Course Materials

UoPeople courses use open educational resources (OER) and other materials specifically donated to the University with free permissions for educational use. Therefore, students are not required to purchase any textbooks or sign up for any websites that have a cost associated with them. This course does not contain a main textbook; resources for all required reading will be provided in the course Learning Guide for each week.



Technology Requirements

To fully engage in this course and make the most of your experience, the course must be taken on a PC. You also must have regular access to the internet (high speed is preferred).

Campus Tech Support Email for English programs: support@uopeople.edu

Regular and Substantive Interaction

Your Instructor will interact and engage with each of you on a regular basis throughout the term to support your learning. They will provide direct instruction related to the course's learning objectives, respond to your questions, grade and/or provide feedback on your submitted coursework, post regular announcements, and engage in the course discussion areas regarding academic course content when appropriate.

Course Expectations and Learning Activities

Discussion Forum

Some units in this course require that you complete a Discussion Assignment. You are required to develop and post a substantive response to the Discussion Assignment in the Discussion Forum. A substantive response is one that fully answers the question that has been posed by the instructor. In addition, you must extend the discussion by responding to at least two (2) of your peers' postings in the Discussion Forum. Grading rubrics are provided in the Discussion Forum for each week. Discussion Forums are only active for each current and relevant learning week, so it is not possible to contribute to the forum once the learning week has come to an end.

Assignments Activities

The assignment activities are graded by your instructor. The grading rubric is listed under the assignment instructions. The grading rubric is a document that outlines the criteria that your instructor will use to grade your work.

Final Exam



The Final Exam will take place during the Thursday through Sunday of Week/Unit 9, following the completion of eight units of work. The format of the Final Exam is similar to that of the quizzes and may contain a combination of different question types. You will have one attempt to take the exam, and it will be graded electronically. Specific instructions on how to prepare for and take the Final Exam will be provided during Week 8 (located inside the Unit 9 Learning Guide). Final Exams must be taken without the use of course learning materials (both those inside and outside the course). If particular materials are allowed for use during the exam, these will be noted in the exam's instructions.

Course Forum

The Course Forum is the place to raise issues and questions relating to the course. It is regularly monitored by the instructors and is a good place to meet fellow students taking the same course. While it is not required to participate in the Course Forum, it is highly recommended.

Class Introductions

This section is your opportunity to introduce yourself to your classmates and create a vibrant learning community. By sharing your background, interests, and goals, you can create meaningful connections and discover commonalities with your peers.

Participation Expectations

1. Be involved and active in your courses.
2. Be highly motivated and disciplined.
3. Check the course homepage, calendar and assignment page, the course syllabus, your UoPeople email, and the Moodle course discussion forums several times a week.
4. Post the required comments and responses to the discussion forum for your course.
5. Keep up with your assignments.
6. Participate actively in class discussions.
7. Be polite and respectful.
8. Use proper grammar and correct spelling.
9. Be honest and original. Plagiarism will not be tolerated in any online course.



Non-participation is characterized by a lack of any assignment submissions, inadequate contributions to the Discussion Forums. Also, please note the following important points about course participation:

- Assignments must be submitted on or before the specified deadline. A course timeline is provided in the course schedule, and the instructor will specify deadlines for each assignment.
- Occasionally there may be a legitimate reason for submitting an assignment late. Most of the time, late assignments will not be accepted and there will be no make-up assignments.
- All students are obligated to inform their instructor in advance of any known absences which may result in their non-participation.

Feedback and Suggestions

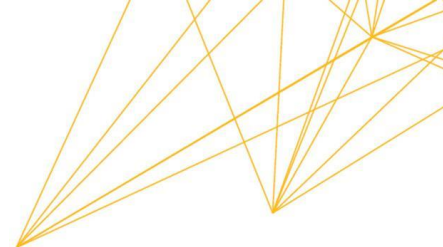
We value your input and would encourage you to complete the end-of-course survey to provide us with course feedback and suggestions and report issues.

Evaluation and Grading Scale

This course follows a pass/fail grading system. For each assignment, specific criteria will be provided, and students are expected to submit answers that fully meet the requirements of each criterion. To pass an assignment, students must provide accurate and comprehensive responses that meet all, or the majority, of each criterion's requirements.

Grading Weights:

Category	% Of Grade	Grade Items (Learning Activities)	Associated Learning Objectives/Outcomes
Discussions	40%	1. Unit 2 – Discussion Forum 2. Unit 4 – Discussion Forum 3. Unit 5 – Discussion Forum 4. Unit 7 – Discussion Forum 5. Unit 8 – Discussion Forum	<ul style="list-style-type: none"> • Unit 2 – CLO1 • Unit 4 – CLO2 • Unit 5 – CLO2 • Unit 7 – CLO4 • Unit 8 – CLO1 and CLO5



Assignment	45%	1. Unit 1 – Assignment Activity 2. Unit 3 – Assignment Activity 3. Unit 4 – Assignment Activity 4. Unit 6 – Assignment Activity 5. Unit 7 – Assignment Activity	<ul style="list-style-type: none">• Unit 1 – CLO1, CLO2, and CLO5• Unit 3 – CLO2 and CLO5• Unit 4 – CLO2• Unit 6 – CLO3• Unit 7 – CLO4
Graded Quizzes	5%	1. Unit 3 – Graded Quiz	<ul style="list-style-type: none">• Unit 3 – CLO2 and CLO5
Final Exam	10%	1. Unit 9 – Final Exam	<ul style="list-style-type: none">• Unit 9 – CLO1, CLO2, CLO3, CLO4, and CLO5
TOTAL	100%		

Grading Scale:

Letter Grade	% Grade	Grade Points
A	98%-100%	4.00
A	93-97%	4.00
A-	90%-92%	3.67
B+	88%-89%	3.33
B	83%-87%	3.00
B-	80%-82%	2.67
C+	78%-79%	2.33
C	73%-77%	2.00
C-	70%-72%	1.67
D+	68-69%	1.33
D	63%-67%	1.00



D-	60%-62%	0.67
F	<60	0.00
W	N/A	N/A

Students may also be granted Withdrawal (W), if they withdraw from the course, or an Incomplete (I) should their circumstances permit.

A student who feels they were graded unfairly, or who seeks to dispute a grade, may initiate a grade appeal process. Refer to [Campus Policies](#) for more information on withdrawals and appeals.

Course Schedule

UNIT 1: Introduction to Research

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Assignment Activity submission due 7th day of the week.

UNIT 2: Foundations of Research Planning

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Discussion first response due by the 4th day of the week.
- Discussion replies due by the 7th day of the week.

UNIT 3: Quantitative Research

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.



- Assignment Activity submission due 7th day of the week.
- Graded quiz due by the 7th day of the week.

UNIT 4: **Qualitative Methods**

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Discussion first response due by the 4th day of the week.
- Discussion replies due by the 7th day of the week.
- Assignment Activity submission due 7th day of the week.

UNIT 5: **Mixed Methods**

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Discussion first response due by the 4th day of the week.
- Discussion replies due by the 7th day of the week.

UNIT 6: **Sampling Concepts**

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Assignment Activity submission due 7th day of the week.

UNIT 7: **Research Ethics**



- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Discussion first response due by the 4th day of the week.
- Discussion replies due by the 7th day of the week.
- Assignment Activity submission due 7th day of the week.

UNIT 8: Research Evaluation in Health Science

- Watch/Read early enough in the unit to enable completion of the related assignments - suggest by 3rd-4th day of the unit.
- Discussion first response due by the 4th day of the week.
- Discussion replies due by the 7th day of the week.

Campus Policies & Processes

Late Work/Make-up Policy

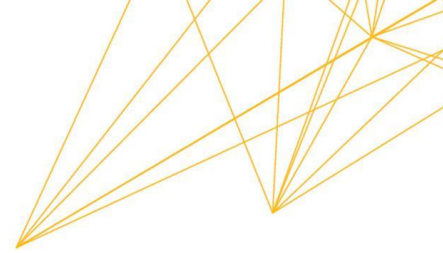
Please review the [Late Work](#) policy in the University Catalog.

Code of Conduct

University of the People expects that students conduct themselves in a respectful, collaborative, and honest manner at all times. Harassment, threatening behavior, or deliberate embarrassment of others will not be permitted. Any conduct that interferes with the quality of the educational experience is not allowed and may result in disciplinary action, such as course failure, probation, suspension, or dismissal. For more information on this topic, please review the [General Code of Conduct](#) in the University Catalog.

Procedures for Resolving Academic Grievances/Appeals

If you believe that the final grade you received for a course is erroneous, unjust, or unfair, please contact your course instructor. This must be done within seven days of the posted final grade. For more information on this topic, please review the [Grievance Policy](#) and [Grade Appeals](#) Procedure in the University Catalog.



Withdrawal and Drop Date Policy

Please review the [Course Drops and Withdrawals](#) policy of the University Catalog.

Academic Integrity and Plagiarism

Please review the [Code of Academic Integrity](#) in the University catalog.

Intellectual Property

UoPeople respects the intellectual property rights of others who seek to create, preserve, and disseminate knowledge through teaching, collective learning, and continued research at the University at large. For more information on this topic, please review the [Intellectual Property](#) policy in the University catalog.

Reasonable Accommodations

Contact your Program Advisor to open a request for support.

Student Support Services & Resources

English Programs

Academic Advising: advising@uopeople.edu

Financial Aid: financial.aid@uopeople.edu

Library Resources: library@uopeople.edu

Payment Processing: payments@uopeople.edu

Student Services: student.services@uopeople.edu

Technical Support: support@uopeople.edu