



UNIVERSITY OF TEXAS AT EL PASO
College of Health Science – Health Science Program

HSCI 3315 – 001 – CRN: 18957
Research for the Health Professions
Fall 2022

Course credits: 3.0

TENTATIVE COURSE SCHEDULE*

Note: The course calendar is subject to modification. It is the student’s responsibility to carefully review all changes to scheduled readings and assigned materials every week, as well as of deadlines.

All due dates are intended to be during the weekdays. Nevertheless, you will find in this course map due dates on Saturdays or Sundays to give the students extra time.

- Quizzes will be due ALWAYS on **Saturdays** at midnight (11:59 PM).
- Discussion board comments, **1st entry** due at 11:59 PM on **Thursdays** and **2 replies to colleagues** due at 11:59 PM on **Saturdays** (Mountain Time).
- Major writing assignments will be due ALWAYS on **Friday** at 11:59 PM.
- No late work will be accepted if the reason is not considered excusable.

Module 1

Module 1: An introduction to research				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
Week 1: Aug. 22	Syllabus and course and overview	Syllabus	Complete self-assessment on syllabus content (Sunday)	8/28
	An introduction to research. Critically evaluating research literature	Jacobsen Chapter: 1 Online Course Content	DB#1- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	8/25 8/27
Week 2: Aug. 29	The scientific approach	Online Course Content	Register to CITI and start IRB training modules (Sunday)	9/4
	The research process	Jacobsen Chapters: 7, 23 & 24	Quiz # 1 (Saturday)	9/3
	Ethics in research		DB#2- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	9/1 9/3
			Join a Research Team (Friday)	9/2
Week 3: Sep. 6	Coming up with ideas for selecting a research topic and study question.	Online Course Content	Upload Step #1: Upload the research topic selection form for SLR (Friday).	9/9
		Jacobsen Chapters: 2, 3, 4 & 5	Upload Certificate: Complete the training modules & submit IRB Certificate to BB.	9/12
			Quiz # 2 (Saturday)	9/10
			DB#3- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	9/8 9/10

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Module 2

Module 2: Starting a research study				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
Week 4: Sep. 12	Narrowing down the research topic The literature review. A systematic review	Online Course Content Jacobsen Chapters: 22 (subheadings 1-10), 32 & 34	Upload Step #2: Title page & Introduction section for SLR (Friday). Quiz # 3 (Saturday) DB#4- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	9/23 9/17 9/15 9/17
Week 5: Sep. 19	Identifying the research problem Developing the problem statement, research question, and hypothesis.	Online Course Content Jacobsen Chapters: 15 & 28 (subheadings 1-2)	Upload Step # 3: Methods section for SLR. Quiz # 4 (Saturday) DB#5- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	9/30 9/24 9/22 9/24
Week 6: Sep. 26	Variables & Data	Online Course Content Jacobsen Chapters: 26 & 27 (subheadings 1-2)	Upload Step #4: Results section, including the data extraction table for SLR (Friday). Quiz # 5 (Saturday) DB#6- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) *Download or update the Respondus LockDown Browser.	10/7 10/1 9/29 10/1 --
Week 7: Oct. 3	Planning the research study: what do have to do? Selecting a research methodology Basic science writing and use of APA style	Online Course Content Jacobsen Chapters: 6, 7 & 33	SLR Upload Final File to BB: Complete and submit your final Systematic Literature Review paper, including abstract, discussion, conclusions & reference sections (Friday). DB#7- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) *Take the practice exam to test the Respondus LockDown Browser.	10/14 10/6 10/8 --
Oct. 12 (Wednesday)	Midterm Examination: Weeks 1 – 7 (ONLINE*) *Requires Respondus LockDown Browser			

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MODULE 3

Module 3: Selecting a population and research method

Weeks & Dates	Lessons	Readings	Assignments	Due Dates
Week 8: Oct. 10	Research Design Part 1:	Online Course Content	Midterm Exam (Wednesday)	10/12
	Experimental research designs	Jacobsen Chapter: 12	DB#8- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	10/13 10/15
Week 9: Oct. 17	Research Design Part 2:	Online Course Content	Upload Step # 1: Topic Form for the HRP based on your Mini SLR (Friday).	10/21
	Non-experimental research designs; qualitative and mixed methods research designs	Jacobsen Chapters: 8, 9, 10, 11, 13, 14	Quiz # 6 (Saturday) DB#9- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	10/22 10/21 10/23
Week 10: Oct. 24	Sampling	Online Course Content	HRP Upload Step # 2: Introduction and background, problem statement, objectives, research question, and hypothesis (Friday).	10/28
		Jacobsen Chapters: 16 & 17	Quiz # 7 (Saturday) DB#10- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	10/29 10/27 10/29
Week 11: Oct. 31	Measurement Theory	Online Course Content	Quiz # 8 (Saturday)	11/5
		Jacobsen Chapters: 18, 19 & 20	DB#11- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	11/3 11/5
Week 12: Nov. 7	Overview of basic statistical methods. Part a: nominal and ordinal measures	Online Course Content	Upload Step # 3: Methods section, including sampling method, sample size, data collection, and data plan analysis (Friday).	11/11
		Jacobsen Chapters: 26, 27, 28 & 29	DB#12- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	11/10 11/12
Week 13: Nov. 14	Overview of basic statistical methods. Part b: continuous measures	Online Course Content	Upload Step # 4: Ethical considerations & IRB consent form, expected results, and tables (budget & timeline). (Friday)	11/18
		Jacobsen Chapters: 26, 27, 28 & 29	Quiz # 9 (Saturday) DB#13- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> • First entry (Thursday) • Colleagues replies (Saturday) 	11/19 11/17 11/19

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MODULE 4

Module 4: Planning the study				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
Week 14: Nov. 21	Developing & writing a research proposal/protocol or research report.	Online Course Content Jacobsen Chapters: 25, 31 & 35	Step #5: Start organizing your final manuscript, incorporate the feedback, and create the cover page, abstract, conclusions, and reference section in APA style.	12/2
			Quiz # 10 (Saturday)	11/26
			DB#14- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	11/24 11/26
Nov. 24-25 Thanksgiving Holiday				
Week 15: Nov. 28	Developing & writing a research proposal/protocol or research report.	Online Course Content Jacobsen Chapters: 36 – 39	HRP Upload Final File to BB: Complete and submit your Final Health Research Proposal Manuscript (Friday).	12/2
			DB#15- Participate and enter discussion comments in the weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	
Dec. 7 (Wednesday)	Final Comprehensive Examination: Weeks 1 – 15 (ONLINE*) *Requires Respondus LockDown Browser			

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Grading Components:

Coursework & Examinations:	Weighted Value
CITI – IRB training	5%
Discussion Boards & Weekly Attendance	10%
Quizzes	10%
Midterm Examination	15%
Final Examination	20%
Systematic Review -Writing Assignment #1	20%
Research Proposal - Writing Assignment #2	20%
Extra Credit	2.5%