



UNIVERSITY OF TEXAS AT EL PASO
College of Health Science – Health Science Program
HSCI 3315 – 002 – CRN: 27620
Research for the Health Professions
Spring 2023
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 colleagues replies** due at 11:59 PM on **Saturdays** (Mountain Time).
- Major writing assignments will be due ALWAYS on **Fridays** 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: Jan. 17	Syllabus and course and overview	Syllabus	Complete self-assessment on syllabus content (Sunday)	1/22
	An introduction to research. Critically evaluating research literature	Jacobsen Chapter: 1 Online Course Content	Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	1/19 1/21
Week 2: Jan. 23	The scientific approach	Online Course Content	Register to CITI and start IRB training modules (Sunday)	1/29
	The research process	Jacobsen Chapters: 7, 23 & 24	Quiz # 1 (Saturday)	1/28
	Ethics in research		Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	1/26 1/28
Week 3: Jan. 30	Coming up with ideas for selecting a research topic and study question.	Online Course Content	Upload Step #1: Upload research topic selection form for SLR (Friday)	2/3
		Jacobsen Chapters: 2, 3, 4 & 5	Upload Certificate: Complete the training modules & submit IRB Certificate to BB.	2/6
			Quiz # 2 (Saturday)	2/4
			Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	2/2 2/4

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Module 2

Module 2: Starting a research study				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
Week 4: Feb. 6	Narrowing down the research topic	Online Course Content	Upload Step #2: Title page & Introduction section for SLR. (Friday)	2/17
	The literature review	Jacobsen Chapters: 22 (subheadings 1-10), 32 & 34	Quiz # 3 (Saturday)	2/11
	A systematic review		Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	2/9 2/11
Week 5: Feb. 13	Identifying the research problem	Online Course Content	Upload Step # 3: Methods section for SLR.	2/24
	Developing the problem statement, research question, and hypothesis.	Jacobsen Chapters: 15 & 28 (subheadings 1-2)	Quiz # 4 (Saturday) Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	2/18 2/16 2/18
Week 6: Feb. 20	Variables & Data	Online Course Content	Upload Step #4: Results section including the data extraction table for SLR. (Friday)	3/3
		Jacobsen Chapters: 26 & 27 (subheadings 1-2)	Quiz # 5 (Saturday)	2/25
			Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	2/23 2/25
			*Download or update the Respondus LockDown Browser.	--
Week 7: Feb. 27	Planning the research study: what do have to do?	Online Course Content	SLR Upload Final File to BB: Final SLR paper, including abstract, conclusions & reference sections. (Friday)	3/10
	Selecting a research methodology	Jacobsen Chapters: 6, 7 & 33	Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	3/2 3/4
	Basic science writing and use of APA style			*Take the practice exam to test the Respondus LockDown Browser.
Mar. 8 (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: Mar. 6	Research Design Part 1:	Online Course Content	Midterm Exam (Wednesday)	3/8
	Experimental research designs	Jacobsen Chapter: 12	Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	3/9 3/11
Mar. 13-17 Spring Break				
Week 9: Mar. 20	Research Design Part 2:	Online Course Content	Upload Step # 1: Topic Form for the HRP based on your Mini SLR. (Friday)	3/24
	Non-experimental research designs; qualitative and mixed methods research designs	Jacobsen Chapters: 8, 9, 10, 11, 13, 14	Quiz # 6 (Saturday) Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	3/25 3/23 3/25
Week 10: Mar. 27	Sampling	Online Course Content	HRP Upload Step # 2: Introduction and background, problem statement, objectives, research question, and hypothesis. (Friday)	4/7
		Jacobsen Chapters: 16 & 17	Quiz # 7 (Saturday) Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	4/1 3/30 4/1
Week 11: Apr. 3	Measurement Theory	Online Course Content	Quiz # 8 (Saturday)	4/8
		Jacobsen Chapters: 18, 19 & 20	Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	4/6 4/8
Week 12: Apr. 10	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)	4/21
		Jacobsen Chapters: 26, 27, 28 & 29	Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	4/13 4/15
Week 13: Apr. 17	Overview of basic statistical methods. Part b: continuous measures	Online Course Content	Upload Step # 4: Ethical considerations & IRB consent from, expected results and tables (budget & timeline). (Friday)	4/28
		Jacobsen Chapters: 26, 27, 28 & 29	Quiz # 9 (Saturday) Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> First entry (Thursday) Colleagues replies (Saturday) 	4/22 4/20 4/22

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