



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

**HSCI 3315 – 001 – CRN: 21794**  
**Research for the Health Professions**  
**Spring 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, **1<sup>st</sup> 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
<b>Week 1:</b> <b>Jan. 18</b>	Syllabus and course and overview	Syllabus	Complete self-assessment on syllabus content (Sunday)	1/23
	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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	1/20 1/22
<b>Week 2:</b> <b>Jan. 24</b>	The scientific approach	Online Course Content	Register to CITI and start IRB training modules (Sunday)	1/30
	The research process	Jacobsen Chapters: 7, 23 & 24	Quiz # 1 (Saturday)	1/29
	Ethics in research		Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	1/27 1/29
<b>Week 3:</b> <b>Jan. 31</b>	Coming up with ideas for selecting a research topic and study question.	Online Course Content Jacobsen Chapters: 2, 3, 4 & 5	<b>Upload Step #1:</b> Upload research topic selection form for SLR (Friday)	<b>2/4</b>
			<b>Upload Certificate:</b> Complete the training modules & submit <b>IRB Certificate</b> to BB.	2/6
			Quiz # 2 (Saturday)	2/5
			Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	2/3 2/5

**\* Note: The course syllabus is a general tentative plan for the course. Any changes will be announced to the class in advance by the instructor**





## MODULE 3

Module 3: Selecting a population and research method				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
<b>Week 8: Mar. 7</b>	Research Design Part 1:	Online Course Content	<b>Midterm Exam</b> (Wednesday)	3/9
	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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	3/10 3/12
<b>Mar. 14-18 Spring Break</b>				
<b>Week 9: Mar. 21</b>	Research Design Part 2:	Online Course Content	<b>Upload Step # 1:</b> Topic Form for the HRP based on your Mini SLR. (Friday)	<b>3/25</b>
	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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	3/26  3/24 3/26
<b>Week 10: Mar. 28</b>	Sampling	Online Course Content	<b>HRP Upload Step # 2:</b> Introduction and background, problem statement, objectives, research question, and hypothesis. (Friday)	<b>4/8</b>
		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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	4/2  3/31 4/2
<b>Week 11: Apr. 4</b>	Measurement Theory	Online Course Content	Quiz # 8 (Saturday)	4/9
		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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	4/7 4/9
<b>Week 12: Apr. 11</b>	Overview of basic statistical methods. Part a: nominal and ordinal measures	Online Course Content	<b>Upload Step # 3:</b> Methods section including sampling method, sample size, data collection, and data plan analysis. (Friday)	<b>4/22</b>
		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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	4/14 4/16
<b>Week 13: Apr. 18</b>	Overview of basic statistical methods. Part b: continuous measures	Online Course Content	<b>Upload Step # 4:</b> Ethical considerations & IRB consent from, expected results and tables (budget & timeline). (Friday)	<b>4/29</b>
		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"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	4/23  4/21 4/23

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## MODULE 4

Module 4: Planning the study				
Weeks & Dates	Lessons	Readings	Assignments	Due Dates
<b>Week 14:</b>  <b>Apr. 25</b>	Developing & writing a research proposal/protocol or research report.	Online Course Content  Jacobsen Chapters: 25, 31 & 35	<b>Step #5:</b> Start organizing your final manuscript, incorporate the feedback, and create the cover page, abstract, conclusions, and reference section in APA style.  Quiz # 10 (Saturday)  Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	<b>5/6</b>   4/30  4/28 4/30
<b>Week 15:</b>  <b>May. 2</b>	Developing & writing a research proposal/protocol or research report.	Online Course Content  Jacobsen Chapters: 36 – 39	<b>HRP Upload Final File to BB:</b> Complete and submit your Final Health Research Proposal Manuscript. <b>(Friday)</b>  Participate and enter discussion comments in weekly forum (attendance assignment and possible extra-credit) <ul style="list-style-type: none"> <li>First entry (Thursday)</li> <li>Colleagues replies (Saturday)</li> </ul>	<b>5/6</b>     5/5 5/7
<b>May. 11</b> <b>(Wednesday)</b>	<b>Final Comprehensive Examination: Weeks 1 – 15 (ONLINE*)</b> *Requires Respondus LockDown Browser			

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