

## DULA Doctorate Syllabus DRM 722, AOM Research: Practices

### COURSE INFORMATION

Course Number, Title:	DRM 722, AOM Research: Practices
Number of Hours/Units:	30 hours/3 units
Prerequisites:	DRM 721
Course Schedule:	<i>[type your class day and time in here, for example: Thursday, 10AM-1PM]</i>
Course Instructor (email):	<i>[type your name, degree title and email address in here, for example: xxx, L.Ac., abcde@dula.edu]</i>
Instructor Office Hours:	<i>[type your available time to meet outside of classroom hours, for example: "After class, or by appointment"]</i>

### COURSE DESCRIPTION

This course equips students with the necessary steps to create and complete a capstone research project. The final course product can be further developed and expanded for future publications. This course leads to the final phase of the program. This course begins with designing and understanding appropriate scientific and research writing processes and meeting the requirements as presented in DULA's *Capstone Research Manual*. Doctoral students should be able to demonstrate their ability to analyze and draw independent conclusions regarding scholarly research and publications. Students integrate their knowledge and skills required in the doctoral curriculum with the Capstone. Topics, as they relate to Capstone, are presented, including formulating hypothesis, data base access and analysis, as well as the types of Capstone project topics. Capstone project topics at DULA include literature review, translation study, literature review, surveys, academic study, case series, retrospective clinical review. Topics on clinical trial research, laboratory study, and meta-analysis will also be presented.

### LEARNING OBJECTIVES

- Understand the topics and principle of how to develop the research capstone
- Discuss design, qualities and challenges in various types of clinical research projects
- Able to demonstrate the ability to analyze and draw independent conclusions regarding scholarly research and publications

### CORRELATION OF THE CLASS TO THE DAOM EDUCATIONAL OBJECTIVES

( ) Competently apply the advanced diagnosis and treatment skills of the program's core Oriental Medicine curriculum

- ( O ) Demonstrate competency in critical application of evidence-based medicine towards research, scholarship, and patient-care
- ( ) Demonstrate competency in application of advanced Traditional Korean Medicine theories and modalities within the program’s specialty
- ( ) Demonstrate ability to educate others in Acupuncture and Oriental Medicine
- ( ) Demonstrate competency in integrative medical practices to advance Oriental Medicine and effectively collaborate on patient care with other healthcare systems
- ( ) Demonstrate competency in engaging in “best practices” in patient-centered clinical management

**TEACHING METHODS**

Lecture	In-class discussion	Hands-on practical training	Demonstration	Oral Presentation	Audio and/or visual tutorial segments	Off-campus field trips	Off-campus speakers/consultants
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Other (explain): \_\_\_\_\_

**INSTRUCTIONAL MATERIALS**

Required Text(s):

- *Principles and Practice of Clinical Research*. Fourth Edition. John I. Gallin, Frederick P. Ognibene, Laura Lee Johnson, eds. Academic Press, 2017.
- *DULA’s Capstone Research Manual*.

*[type the required texts in here]*

Recommended Text(s):

- *Strategies for Establishing an Evidence Base*. MacPherson H, Hammerschlag R, Lewith G, Schnyer R (eds). Churchill Livingstone/Elsevier. 2008.
- *Introduction to Research and Medical Literature for Health Professions*. 4<sup>th</sup> Edition. J. Glenn Forister et al. Jones and Bartlett. 2016.
- *Designing Clinical Research*. 4<sup>th</sup> Edition. Stephen B. Hulley et al. Wolters Kluwer. 2013.
- *Clinical Research in Complementary and Integrative Medicine: A Practical Training Book*. Witt C and Lunde K. Churchill Livingstone, 2010.
- *Barbara H. Munro, et al., Statistical Methods for Health Care Research, Lippincott Williams & Wilkins, 2001. ISBN: 0781746272*

*[type the required texts in here]*

In-class Text: *[type in-class handouts or other materials here]*  
 Online resources: *[type online resources here]*

**COURSE REQUIREMENTS**

Course Requirement Clarification	Percentage Breakdown for Final Grade
<p><b>Regular Attendance</b> (mandatory - please refer to attendance policy mentioned in this syllabi)</p>	10%
<p><b>Out-of-classroom work:</b>  <i>To successfully complete the course, student is also required to plan studying minimum of 2 hours out-of-class for each 1 hour of academic in-class hour; and half an hour out-of-class for each hour of clinical training.</i>            Read and analyzes the required texts and various references including published scientific articles, papers, case study reports, related to the topic that you learnt in the class and also for the topic of the following week class. Student’s critical thinking, opinions and discussions in each of the following classes are important as part of the learning process in the doctoral program.  <i>[type the type of assignment in here]</i></p>	<p><i>[type the percentage here, for example: 20%]</i></p>
<p><b>Midterm Assignment:</b>            Oral Presentation: Critical analysis on the current published clinical trial studies related to AOM            Student select one of their interest AOM topic and research the related published clinical trial studies related to their selected topic. Student will then complete this paper project by providing their review, analysis and original opinions regarding to this studies. Paper will then be orally presented in the class followed by Q/A and discussions among students and instructor.  <i>[type your midterm assignment in here]</i></p>	<p><i>[type the percentage here, for example: 35%]</i></p>
<p><b>Final Assignment:</b>            Oral Presentation: Analysis on the current AOM research studies to the contemporary progress and development of AOM in US healthcare system            Student select one of their interest AOM topic to complete this final paper project. This project requires students to research, review and analyze various published research studies related to their selected topic. Different than in the midterm assignment, student needs to emphasize more on their original idea of what can be developed based on the current progress, and how to adequately re-assess this development idea for the feedback related to their selected topic in US healthcare system. This final assignment will be orally presented in the class and followed by Q/A and discussions among students and instructor.  <i>[type your final exam assignment in here]</i></p>	<p><i>[type the percentage here, for example: 35%]</i></p>
<b>Total:</b>	<b>100%</b>

## COURSE SCHEDULE

Week	Date	Topic	Out-of-classroom Work – minimum 6 hours / week
1	[type date here]	Review of scientific research principles and writing	
2	[type date here]	Principles of writing clinical research proposal	
3	[type date here]	Capstone research 1 (hypotheses, research methodology, data base access, proposal, data analysis and conclusion)	
4	[type date here]	Capstone research 2 (hypotheses, research methodology, data base access, proposal, data analysis and conclusion)	
5	[type date here]	<b>MIDTERM ORAL PRESENTATION</b>	Review and revision of the midterm assignment
6	[type date here]	Capstone project topic 1: literature review, translation study	
7	[type date here]	Capstone project topic 2: survey, academic study	
8	[type date here]	Capstone project topic 3: case series, retrospective clinical case review	
9	[type date here]	Capstone project topic 4: clinical trial research, laboratory study, meta-analysis	
10	[type date here]	<b>FINAL ORAL PRESENTATION</b>	Review and revision of the final assignment

## GRADING POLICY & EVALUATION

P	(pass) Satisfactory completion of all required coursework. A percentage of 75% will be required to receive a Pass
F	(fail) Unsatisfactory completion of coursework.
W	(withdraw)
I	(incomplete)
IP	(in progress)

*Please reference the DAOM Catalog for more information regarding the University's grade point system.*

## ATTENDANCE POLICY

University policy requires that attendance is factored in as at least 10% of a student's final grade. Students with more than 2 unexcused absences will be considered to automatically fail a course, and 3 marks of tardiness will be counted as 1 absence.

*Please reference the DAOM Catalog for more information regarding this policy.*

## ACADEMIC DISHONESTY

Academic dishonesty includes providing or receiving answers from other students during or after an examination, plagiarism, knowing use of illegally copied educational material in any format, using informational aids such as "crib sheets" or other types of notes during an examination (if not allowed), or anything else that might reasonably be construed as cheating. Students who are found to be academically dishonest will automatically receive an "F" in that particular course and are subject to dismissal or suspension for 1 quarter, and may be placed on administrative probation.

## STUDENTS WITH DISABILITIES

Dongguk University Los Angeles is committed to providing support services to achieve equal access to the education experience. The Student Services Coordinator is available to provide assistance for students who exhibit significant difficulties due to a disability. DULA will support students to understand his/her limited abilities and compensate for them with ADA accommodations and alternative resources as well. Registration for assistance from the Student Services Coordinator is on a voluntary, self-identifying basis. However, services are only available after a student has registered and presents current documentation of the disability from an appropriate specialist or physician. All information and documentation are confidential.

*Please refer to the DAOM Catalog for more information regarding this policy and procedure.*

## SPECIAL NOTES

*[type here for additional notes]*