Fay W. Boozman College of Public Health

Doctor of Philosophy in Epidemiology

Program Director: Mohammed Orloff
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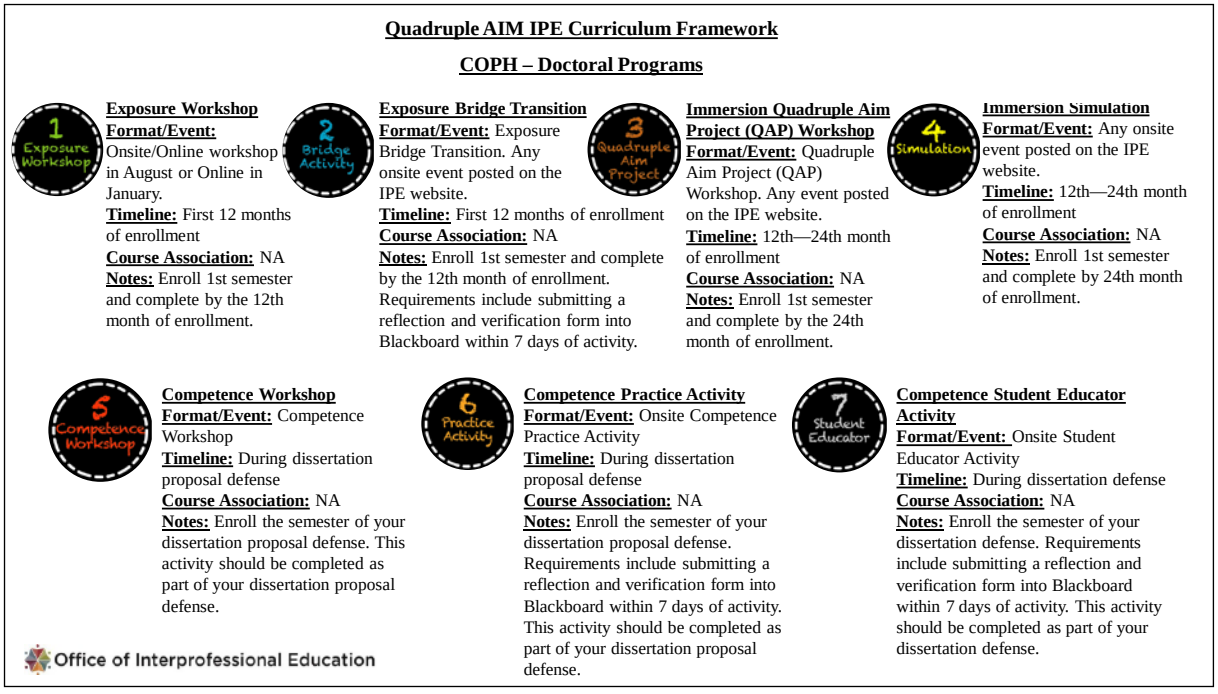
Advisee's Name _____ Student ID Number _____ Faculty Advisor _____

PLAGIARISM TRAINING	Completion Date
Certification Test	
WRITING MILESTONE	
Skills Certification	
IPE EXPOSURE (NOVICE)	
Exposure Workshop	
Transition (Exposure to Immersion)	
IPE IMMERSION (INTERMEDIATE)	
Quadruple Aim Project	
Simulation Activity	
IPE COMPETENCE (ADVANCED)	
Competency Workshop	
Required Practice Activity	
Student Educator Activity	

Plagiarism Training Requirement: All students in the COPH must adhere to the highest standards of professional and ethical conduct. Among these standards is the recognition that student written work must be original and appropriately cited. In order to facilitate understanding of this standard, all students must complete the on-line course "*How to Recognize Plagiarism: Tutorials*" at https://plagiarism.iu.edu/tutorials/ and complete the Certification Test at https://plagiarism.iu.edu/certificationTests/index.html. Upon successful completion of the test, students must provide a copy of the Validation Certificate to the COPH Office of Student Affairs at cophoffice@uams.edu. The requirement must be completed by the first day of classes.

Writing Milestone Requirement: All degree-seeking students who enter the College of Public Health are required to complete a Writing Skills Assessment at the beginning of their first semester. The Assessment will identify strengths and weaknesses and highlight opportunities for improvement. Students who do not meet a predetermined score will be required to complete an online COPH 5000 Public Health Writing Workshop course. This course will address the fundamentals of good writing, writing with scholarly sources, revision strategies, and other topics in the interest of improving student writing skills. This is a non-credit curriculum requirement.

IPE Curriculum Requirement: All COPH degree-seeking students are required to complete the UAMS Quadruple Aim Interprofessional Education (IPE) Program prior to graduation. According to the World Health Organization (WHO), *"Interprofessional Education occurs when two or more professions learn with, from and about each other to improve collaboration and the quality of care."*



The IPE Program is noncredit hour earning and consists of several workshops and other activities. All aspects of the IPE Program must be completed prior to degree program completion as a condition of graduation. For more information on **IPE**, please consult the Office of Student Affairs, the Associate Dean for Student and Alumni Affairs or visit our website: https://secure.uams.edu/cophstudent/student-handbook.aspx#ipe.

REQUIRED – 24 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**
EPID 6424	Advanced Epidemiology Methods	3			
EPID 6423	Advanced Epidemiology Methods Laboratory	3			
EPID 6336	Observational Study Designs	3			
EPID 6001	Instructional Methods and Teaching Practicum	1			
EPID 6224	Clinical Trials	3			
BMIG 5103	Foundations of BMI: Population Health Information	2			
COPH 6437	Grantsmanship and the Peer Review Process	3			
BIOS 5214	Categorical Data Analysis	3			
BIOS 6223	Biostatistics III: Multivariate Analysis & Linear Models	3			
SELECTIVE 1*† – 3 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**
EPID 5325	Epidemiology of Chronic Diseases	3			
EPID 5326	Epidemiology of Infectious Diseases	3			
EPID 6121	Principles and Practice of Public Health Surveillance	2			
SELECTIVE 2*† – 3 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**
EPID 6324	Genomic/Genetic Epidemiology	3			
EPID 6335	Molecular Epidemiology	3			
SELECTIVE 3*† – 3 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**
COPH 6346	Social Determinants of Health/Social Epidemiology	3			
COPH 6403	Community-Based Program Evaluation	3			
PROJECTS AND SEMINARS – 11 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**
COPH 6100	Directed Study	3			
EPID 6102	Special Topics in Epidemiology	2			
COPH 6999	Dissertation Research (minimum)	6			
ELECTIVES – 10 Credit Hours		**Credit Hours**	**Grade**	**Year**	**Semester**

MINIMUM TOTAL HOURS = 54

*****_Select a course that was not included as a prerequisite for the PhD program._

†_If all the courses under a selective category have already been completed in the master's program, student may take other courses in the department._

PhD in Epidemiology		
Competency	Course	Assessment
1. Critically appraise the scientific epidemiologic literature.	EPID 6424 Advanced Epidemiologic Methods Doctoral Qualifying Examination	Final Project: Students submit a publishable Letter to Editor that analyzes and evaluates a recently published article using a rubric (see syllabus). Qualifying Examination: Students are required to appraise selected published epidemiologic studies using a rubric adopted by the faculty prior to the exam.
2. Create a grant proposal for an epidemiologic study with the appropriate study design and methods.	COPH 6437 Grantsmanship and the Peer Review Process Doctoral Qualifying Examination	Final Project: Students formulate a research question and write a complete grant proposal in the NIH F31 pre-doctoral fellowship format that could be submitted for funding consideration. The project is evaluated using NIH scoring. Qualifying Examination: Student are required to select from a list of topics and write a grant proposal for an epidemiologic study. The proposal is evaluated using NIH scoring. Student cannot pass the qualifying examination without passing this take-home portion.
3. Design and deliver a class session in a course in epidemiology while demonstrating proficiency in critical pedagogical concepts.	EPID 6001 Instructional Methods and Teaching Practicum	Lectures: students are required to deliver 3 proficient lectures in methods courses in Epidemiology. These lectures are evaluated by the instructor for EPID 6001 and the instructors of the courses in which they guest lecture using a rubric available on the syllabus.
4. Assess complex epidemiologic information in oral and written form.	EPID 6336 Observational Study Designs	Oral presentations and written documents: Students are required to give oral presentations and prepare written documents that present assessments of epidemiologic studies using a rubric given to the students.
5. Solve epidemiologic or public health problems using advanced epidemiologic theory and methods.	EPID 6424 Advanced Epidemiologic Methods	Midterm and Final Examinations: These examinations test the ability of the student to apply advanced epidemiologic theory and methods to epidemiologic studies. Specifically, students are given scenarios of epidemiologic studies and asked to apply advanced methods regarding the design, analyses, and implementation of the study, while being aware of the strengths and limitations of the methods used. A rubric is used to grade the exams and is given to the students with the examination.