

Fay W. Boozman College of Public Health
Master of Science (MS) in Healthcare Data Analytics

Advisee's Name

Student ID #

Faculty Advisor

| EXPOSURE (NOVICE) | Completion Date |
|------------------------------------|-----------------|
| Exposure Workshop | |
| Transition (Exposure to Immersion) | |
| IMMERSION (INTERMEDIATE) | |
| Triple Aim Project | |
| Simulation Activity | |
| COMPETENCE (ADVANCED) | |
| Competency Workshop | |
| Required Practice Activity | |
| Student Educator Activity | |

IPE Curriculum Requirement: “As of the Fall 2015 semester, all COPH students are required to complete the UAMS Triple 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 Professional Programs or visit our website: <https://secure.uams.edu/cophstudent/student-handbook.aspx#ipe>.

| CORE (REQUIRED) – 24 Hours (and 3 Prerequisite Hours) | | Credit Hours | Grade | Year | Semester |
|---|---|--------------|-------|------|----------|
| BIOS 5013 | Biostatistics I (Prerequisite) | | | | |
| HPMT 5212 | Healthcare Information Systems | | | | |
| HPMT 5334 | Data Visualization for Healthcare Analytics | | | | |
| HPMT 5214 | Decision Analytics in Healthcare | | | | |
| HPMT 5335 | Data Mining in Healthcare | | | | |
| COPH 5003 | Introduction to Public Health | | | | |
| BIOS 5212 | Biostatistics II: Advanced Linear Models | | | | |
| BMIG 6012 | Database Systems and Data Warehousing | | | | |
| BIOS 5213 | Biostatistics Computing with SAS I | | | | |
| ELECTIVE (REQUIRED) - 9 Hours | | Credit Hours | Grade | Year | Semester |
| BIOS 5324 | Analyzing Health Surveys | | | | |
| HPMT 6317 | Performance Measurement, Reporting and Incentives | | | | |
| BMIG 6201 | Machine Learning for Biomedical Informatics | | | | |
| BIOS 5317 | Biostatistics Computing with SAS II | | | | |
| BIOS 5223 | Biostats III: Multivariate Analysis & Linear Models | | | | |
| BMIG 6014 | Natural Language Processing in Biomedical Informatics | | | | |
| BMIG 5003 | Computational Methods in Biomedical Informatics | | | | |
| BMIG 5001 | Information Modelling – From Data to Knowledge | | | | |
| HPMT 6303 | Applied Research Methods Using Retrospective Data Sources | | | | |
| ENVH 5447 | Geographic Information Systems for Health Professional | | | | |
| THESIS / CAPSTONE PROJECT (REQUIRED) – 3 Credit Hours | | Credit Hours | Grade | Year | Semester |
| COPH 5200 | Thesis | | | | |
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MINIMUM TOTAL HOURS = 36 hours