

Course FP MD 7440: Research Projects in Public Health – Occupational and Environmental Health Syllabus

Credit Hours: 4-8

Contact Information

Name	Position	Phone/Pager	Email
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Course Information

Brief Description of Course

An independent research project arranged between an individual student and individual mentor. Student will perform research or analyze data for a mutually agreed upon research project. Prior projects have utilized extensive databases including research projects on truck drivers' health and crashes; upper extremity musculoskeletal disorders, and spine injuries. Other research projects are possible, but generally take additional time for the student to arrange access to those data. While there are many potential projects that students may analyze, students must contact the preceptor at least 8 weeks in advance to plan the rotation including the project/topic to be evaluated. Students are expected to have performed literature reviews and synthesized the literature on the mutually agreed upon research topic prior to starting this rotation to be able to take advantage of this opportunity.

Course Goals

As a result of successfully completing the FP MD 7440, students will be able to:

1. Conduct Focused Literature Search
2. Define a testable study hypothesis and write a study plan
3. Clean and analyze data to address a hypothesis
4. Interpret statistical output generated from original analyses
5. Write an abstract or manuscript for submission

Course Format & Schedule

Timeline

4-8 Weeks

M-F 8a-5p

40 Hours per week

Educational and Instructional Modalities

Modality	Percentage
Research	90%
Clinic Time	5%
Small Groups	5%

Role of the Student in this Course

The medical student will work closely with the faculty mentor and independently, and attend mutually agreed upon didactics courses, and any clinical duties that may be relevant to research topic.

Required Textbook(s)/Readings

Book Title + ISBN	Author/Publisher/Edition	Approximate Cost
NONE		

Additional Resources

Library is available at Rocky Mountain Center for Occupational and Environmental Health is accessible to students.

Assessment & Grading

Preceptor Evaluations

For Clinical Courses: This Clinical Course employs a preceptor evaluation which contributes to the student's overall course grade.

Assessments

Assessment Name	Weight toward Final Grade	Course Goal Assessed	Due Date
Assignments	50%	1, 2, 3, 4, 5	To be determined by Director and Student
Publishable Paper or Poster	50%	1, 2, 3, 4, 5	To be determined by Director and Student

Grading Criteria

Create a testable hypothesis that contributes to the science studied
 Analyze and interpret results addressing that hypothesis
 Write a structured abstract or manuscript for submission to a conference or journal

Grading System

Students will receive a final letter grade of PASS (P), or FAIL (F) for this course.

PASS: A student who achieves the criteria, will be assigned a grade of PASS for the course.

FAIL: A student who fails to achieve the criteria for PASS, will be assigned a grade of FAIL for the course.

Student Feedback

Student feedback is an important aspect of curriculum quality improvement. Thus, students are expected to complete all assigned feedback surveys specific to a course by the due date.

Standard Policies

Please refer to the Student Handbook (on the Student Affairs website) for these policies:

- Accommodations**
- Addressing Sexual Misconduct**
- Attendance policy**
- Dress Code**
- Examination and Grading Policies**
- Grade or Score Appeal**
- Professionalism, Roles & Responsibilities**
- Mistreatment**

Alternate Name and/or Personal Pronoun

Class rosters are provided to the instructor with the student's legal name as well as 'Preferred' first name (if previously entered by you in the Student Profile section of your CIS account). While CIS refers to this as merely a preference, we will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise us of any name or pronoun changes (and please update CIS) so we can help create a learning environment in which you, your name, and your pronoun will be respected.

Center for Disability & Access Services

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability and Access, 162 Olpin Union Building, 581-5020 (V/TDD). Staff of the Center for Disability and Access will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability and Access.

The Senior Director of the Academic Success Program, Dr. Steven Baumann (1C047B SOM Dean's Office, 587-3671, or steven.baumann@hsc.utah.edu), serves as the liaison between the School of Medicine and the Center for Disability and Access.

Campus Safety

The University of Utah values the safety of all campus community members. To report suspicious activity, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit <https://safeu.utah.edu/>