

Health and Medical Sciences Program

The Health and Medical Sciences program is a five-year program leading to a master of science degree in Health and Medical Sciences from UC Berkeley and a MD from UCSF. The program's mission is to produce academic and community leaders in American medicine through early exposure to public health disciplines, medical humanities, bioethics, and social and behavioral sciences. Berkeley awards the master's degree upon successful completion of the first 2.5 years of work and UCSF awards the medical degree after successful completion of the remaining 2.5 years. The master's program is coordinated with both a clinical skills curriculum and a case-based pre-clerkship science curriculum during the first 2.5 years. The master's curriculum requires additional academic coursework as well as the researching and writing of a thesis. Students are expected to acquire mastery of the pre-clerkship sciences and scholarly expertise in a selected area of interest related to health.

Students selected for this program meet the rigorous academic requirements for entrance into both medical school and graduate school. The selection process screens for students who have a strong interest in determinants of human health and disease beyond the purely medical and who seek a collaborative small-group process for learning.

Admission to the University

Minimum Requirements for Admission

The following minimum requirements apply to all graduate programs and will be verified by the Graduate Division:

1. A bachelor's degree or recognized equivalent from an accredited institution;
2. A grade point average of B or better (3.0);
3. If the applicant comes from a country or political entity (e.g., Quebec) where English is not the official language, adequate proficiency in English to do graduate work, as evidenced by a TOEFL score of at least 90 on the iBT test, 570 on the paper-and-pencil test, or an IELTS Band score of at least 7 (note that individual programs may set higher levels for any of these); and
4. Sufficient undergraduate training to do graduate work in the given field.

Applicants Who Already Hold a Graduate Degree

The Graduate Council views academic degrees not as vocational training certificates, but as evidence of broad training in research methods, independent study, and articulation of learning. Therefore, applicants who already have academic graduate degrees should be able to pursue new subject matter at an advanced level without need to enroll in a related or similar graduate program.

Programs may consider students for an additional academic master's or professional master's degree only if the additional degree is in a distinctly different field.

Applicants admitted to a doctoral program that requires a master's degree to be earned at Berkeley as a prerequisite (even though the applicant already has a master's degree from another institution in the same or a closely allied field of study) will be permitted to undertake the second master's degree, despite the overlap in field.

The Graduate Division will admit students for a second doctoral degree only if they meet the following guidelines:

1. Applicants with doctoral degrees may be admitted for an additional doctoral degree only if that degree program is in a general area of knowledge distinctly different from the field in which they earned their original degree. For example, a physics PhD could be admitted to a doctoral degree program in music or history; however, a student with a doctoral degree in mathematics would not be permitted to add a PhD in statistics.
2. Applicants who hold the PhD degree may be admitted to a professional doctorate or professional master's degree program if there is no duplication of training involved.

Applicants may apply only to one single degree program or one concurrent degree program per admission cycle.

Required Documents for Applications

1. **Transcripts:** Applicants may upload *unofficial* transcripts with your application for the departmental initial review. *If the applicant is admitted*, then *official* transcripts of all college-level work will be required. Official transcripts must be in sealed envelopes as issued by the school(s) attended. If you have attended Berkeley, upload your unofficial transcript with your application for the departmental initial review. *If you are admitted*, an official transcript with evidence of degree conferral *will not* be required.
2. **Letters of recommendation:** Applicants may request online letters of recommendation through the online application system. Hard copies of recommendation letters must be sent directly to the program, not the Graduate Division.
3. **Evidence of English language proficiency:** All applicants from countries or political entities in which the official language is not English are required to submit official evidence of English language proficiency. This applies to applicants from Bangladesh, Burma, Nepal, India, Pakistan, Latin America, the Middle East, the People's Republic of China, Taiwan, Japan, Korea, Southeast Asia, most European countries, and Quebec (Canada). However, applicants who, at the time of application, have already completed at least one year of full-time academic course work with grades of B or better at a US university may submit an official transcript from the US university to fulfill this requirement. The following courses will not fulfill this requirement:
 - courses in English as a Second Language,
 - courses conducted in a language other than English,
 - courses that will be completed after the application is submitted, and
 - courses of a non-academic nature.

If applicants have previously been denied admission to Berkeley on the basis of their English language proficiency, they must submit new test scores that meet the current minimum from one of the standardized tests.

Where to Apply

Visit the Berkeley Graduate Division application page (<http://grad.berkeley.edu/admissions/apply>) .

Admission to the Program

Applicants to the UC Berkeley-UCSF Joint Medical Program must be eligible for admission to the University in graduate standing, with an undergraduate upper division grade point average (GPA) of at least 3.0,

and a bachelor's degree from an accredited college or university. They must have fulfilled the standard premedical requirements and have taken the Medical College Admission Test (instead of the GRE) within three years of application. Initial application is via AMCAS, and admission is coordinated with the School of Medicine at UCSF.

Unit Requirements: 20 Semester Units

Twenty semester units must be offered for the master's degree. Eight of the units must be HMS master's program units.

Curriculum

HMEDSCI 261	Research Seminar (3 semesters)	1-2
PB HLTH 250A	Epidemiologic Methods I	3
HMEDSCI 262	Qualitative Analysis Thesis Working Group (4 semesters)	2
or HMEDSCI 264	Mixed Methods/Community-Based Research Thesis Working Group	
or HMEDSCI 265	Epidemiology/Reproductive Health/Evaluation Research Thesis Working Group	
or HMEDSCI 266	Clinical Medicine/Bench Research/Clinical Epi/Behavioral Thesis Working Group	
or HMEDSCI 267	Bioethics, Medical Humanities, or Archival Thesis Working Group	

Graduate Elective in research methods, approved by thesis adviser

Graduate Elective in content area of research

CITI Protocol

Capstone/Thesis (Plan I)

MS thesis based upon research project. Theses are directed by a thesis committee consisting of at least three faculty members.

Health and Medical Sciences Program

HMEDSCI 200A PBL Classroom 10 Units

Terms offered: Fall 2006, Fall 2005, Fall 2004

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

PBL Classroom: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

PBL Classroom: Read Less [\[-\]](#)

HMEDSCI 200B Contextual Integrated Case-Based Curriculum 10 Units

Terms offered: Spring 2007, Spring 2006, Spring 2005

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

Contextual Integrated Case-Based Curriculum: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Contextual Integrated Case-Based Curriculum: Read Less [\[-\]](#)

HMEDSCI 200C Problem Based Learning Classroom 10 Units

Terms offered: Fall 2006, Fall 2005, Fall 2004

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

Problem Based Learning Classroom: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Problem Based Learning Classroom: Read Less [\[-\]](#)

HMEDSCI 200D Problem Based Learning Classroom 10 Units

Terms offered: Spring 2008, Spring 2007, Spring 2006

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

Problem Based Learning Classroom: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Problem Based Learning Classroom: Read Less [\[-\]](#)

HMEDSCI 200E Problem Based Learning Classroom 10 Units

Terms offered: Fall 2006, Fall 2005, Fall 2004

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

Problem Based Learning Classroom: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Problem Based Learning Classroom: Read Less [\[-\]](#)

HMEDSCI 200F Contextual Integrated Case-Based Curriculum 7 Units

Terms offered: Spring 2007, Spring 2006, Spring 2005

The six semester sequence (200A-200F) introducing principles of the medical basic science, health policy, public health, and clinical aspects of medicine taught in a contextual-integrated case-based format. The sequence includes curriculum in biochemistry, histology, microbiology, immunology, neuroanatomy, pathology, physiology, pharmacology, and clinical sciences.

Contextual Integrated Case-Based Curriculum: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Science Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 10.5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Contextual Integrated Case-Based Curriculum: Read Less [\[-\]](#)

HMEDSCI 202A Clinical Skills 1 2 Units

Terms offered: Fall 2017, Fall 2016, Fall 2006

The first course in a six-semester sequence introducing first-year medical students to the skills necessary to obtain a complete medical history, to manage successfully the dynamics of the doctor-patient interaction, and to master interpersonal communication skills required of doctors in a clinical setting.

Clinical Skills 1: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Micco

Clinical Skills 1: Read Less [\[-\]](#)

HMEDSCI 202B Clinical Skills 2 2 Units

Terms offered: Spring 2007, Spring 2006, Spring 2005

Students learn the cardiovascular, pulmonary, eye, and gastrointestinal exam and practice a complete medical history and physical exam with their preceptor. The dynamics of the physician-patient relationship are discussed on an ongoing basis with both the preceptor and the faculty instructor. Each student is required to turn in at least five patient write-ups per term.

Clinical Skills 2: Read More [+]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Joint Medical Program and completion of all requirements of Health and Medical Sciences 202A

Hours & Format

Fall and/or spring: 8 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Micco

Clinical Skills 2: Read Less [-]

HMEDSCI 202C Clinical Skills 3 2 Units

Terms offered: Fall 2017, Fall 2016, Fall 2007

Students learn the neurologic, musculo-skeletal, ear, nose, throat, thyroid, and skin exam and practice the medical history and physical exam with their preceptor. The dynamics of the physician-patient relationship are discussed on an ongoing basis. Each student is required to turn in at least five patient write-ups per term.

Clinical Skills 3: Read More [+]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Joint Medical Program and completion of all requirements of Health and Medical Sciences 202A and 202B

Hours & Format

Fall and/or spring: 8 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructors: Stevens, Swartzberg

Clinical Skills 3: Read Less [-]

HMEDSCI 202D Clinical Skills 4 2 Units

Terms offered: Spring 2008, Spring 2007, Spring 2006

Students learn the male genito-urinary exam and practice the complete medical history and physical exam with their preceptor. The dynamics of the physician-patient relationship are discussed on an ongoing basis. Each student is required to turn in at least five patient write-ups per term.

Clinical Skills 4: Read More [+]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Joint Medical Program and completion of all requirements of Health and Medical Sciences 202C

Hours & Format

Fall and/or spring: 12 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Stevens Swartzberg

Clinical Skills 4: Read Less [-]

HMEDSCI 202E Clinical Skills 5 2 Units

Terms offered: Fall 2006, Fall 2005, Fall 2004

Students learn the gynecologic exam and practice the complete medical history and physical exam with their preceptor. The dynamics of the physician-patient relationship are discussed on an ongoing basis. Each student is required to turn in at least five patient write-ups per term.

Clinical Skills 5: Read More [+]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Joint Medical Program and completion of all requirements of Health and Medical Sciences 202C and 202D

Hours & Format

Fall and/or spring: 12 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructors: Stevens, Swartzberg

Clinical Skills 5: Read Less [-]

HMEDSCI 202F Clinical Skills 6 1 Unit

Terms offered: Spring 2007, Spring 2006, Spring 2005

Under supervision, students perform a complete history and physical exam on hospitalized or clinic patients five times during the semester. They present the patients in written and verbal format to the instructor and class. These presentations are critiqued and the tools to effectively present cases are taught. The course runs for the first half of the student's last semester in the program. Each student is required to turn in three patient write-ups.

Clinical Skills 6: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in HMS Joint Medical Program

Hours & Format

Fall and/or spring: 8 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructors: Stevens, Swartzberg

Clinical Skills 6: Read Less [\[-\]](#)

HMEDSCI 203 Introduction to Clinical Radiology/Anatomy Correlates 1 Unit

Terms offered: Summer 2015 10 Week Session, Summer 2006 10 Week Session, Summer 2005 10 Week Session

An introduction for medical students to the study of radiology and the examination of healthy and diseased organs by imaging techniques, correlated with the Gross Anatomy and Anatomy of Human Development courses. Areas that will be covered include introduction to the major organ systems through the use of radiographs.

Introduction to Clinical Radiology/Anatomy Correlates: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in HMS Joint Medical Program; must be taken concurrently with 201 and 202

Hours & Format

Summer: 8 weeks - 0 hours of lecture per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Offered for satisfactory/unsatisfactory grade only.

Instructor: Price

Introduction to Clinical Radiology/Anatomy Correlates: Read Less [\[-\]](#)

HMEDSCI 211 Narrative and Medicine 1 Unit

Terms offered: Spring 2008, Spring 2007, Spring 2002

This course's goal is to provide a method for medical students to think, write about, and discuss feelings engendered by clinical encounters. Medical students are taught the need to be emotionally detached from patients, yet being emotionally detached does not mean devoid of emotion. This course offers a means to express and analyze those feelings. Also considered is the value of regarding the medical history as "text" which can be written and read from differing, equally valid viewpoints.

Narrative and Medicine: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: Graduate standing in health and medical sciences or consent of instructor

Repeat rules: Course may be repeated for credit as topic varies. Course may be repeated for credit when topic changes.

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Micco

Narrative and Medicine: Read Less [\[-\]](#)

HMEDSCI 216 Clinical Medicine 4 Units

Terms offered: Spring 2018, Fall 2017

Clinical Medicine at the JMP is designed to learn and practice the basic skills, knowledge and professionalism needed for the practice of medicine. Students enroll in the course for four consecutive semesters during their first and second years.

Clinical Medicine: Read More [\[+\]](#)

Rules & Requirements

Prerequisites: HMS 214

Hours & Format

Fall and/or spring: 15 weeks - 6 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructors: Swartzberg, Mays, Olson

Clinical Medicine: Read Less [\[-\]](#)

HMEDSCI 261 Research Seminar 2 Units

Terms offered: Summer 2015 10 Week Session, Spring 2013, Spring 2010

A seminar to help Joint Medical Program students acquire skills necessary to define a research question, find appropriate mentorship, and design a research project. Summer course introduces research design, methods, and expectations for M.S. research in Health and Medical Sciences. Fall and spring semesters address topics in research; student progress toward M.S. thesis is reviewed and critiqued. Development of research plan, protocol design and implementation, and research findings will be reviewed. Each student takes this course three times in the first year.

Research Seminar: Read More [+]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences UCB-UCSF Joint Medical Program

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar per week

Summer: 8 weeks - 6 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Research Seminar: Read Less [-]

HMEDSCI 262 Qualitative Analysis Thesis Working Group 3 - 4 Units

Terms offered: Spring 2000, Spring 1999, Spring 1998

The Qualitative Analysis TWG provides JMP students a supportive small group student-centered environment in which to discuss their qualitative research with other students engaged in qualitative research towards the goal of the successful completion of the required JMP MS.

Qualitative Analysis Thesis Working Group: Read More [+]

Objectives Outcomes

Course Objectives: To develop specific skills in qualitative research design, data collection, analysis, presentation and publication, areas of emphasis will include: 1) grounded theory research and analysis and 2) cultural research and analysis

To give students a supportive environment in which to discuss their research with students and faculty who are engaged in similar research. To give students the opportunity to provide peer advising to their classmates regarding their research projects.

To provide students with individual mentoring by TWG leaders during outside sessions planned between faculty and students

To support students in developing skills in working with a mentor, developing a research design, obtaining IRB approval, collecting and analyzing data, managing a research project, presenting findings as posters or oral presentations, and drafting a master's thesis and/or publication

Rules & Requirements

Prerequisites: 2nd year students-HMS 261 completed with no incompletes
3rd year students-prior HMS 262 completed with no incompletes

Repeat rules: Course may be repeated a maximum of 4 times.

Hours & Format

Fall and/or spring: 15 weeks - 3-5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Eyre

Qualitative Analysis Thesis Working Group: Read Less [-]

HMEDSCI 264 Mixed Methods/Community-Based Research Thesis Working Group 3 - 4 Units

Terms offered: Not yet offered

The Mixed Methods/Community-based Research TWG provides JMP students a supportive small group student-centered environment in which to discuss their research with other students engaged or interested in mixed methods/community-based research projects towards the goal of the successful completion of the required JMP MS.

Mixed Methods/Community-Based Research Thesis Working Group:
Read More [+]

Objectives Outcomes

Course Objectives: To develop specific skills in mixed methods research and community-based research design, planning and implementation, data collection, analysis, presentation and publication. To give students a supportive environment in which to discuss their research with students and faculty who are engaged in similar research. To give students the opportunity to provide peer advising to their classmates regarding their research projects. To provide students with individual mentoring by TWG leaders during outside sessions planned between faculty and students. To support students in developing skills in working with a mentor, developing a research design, obtaining IRB approval, collecting and analyzing data, managing a research project, presenting findings as posters or oral presentations, and drafting a master's thesis and/or publication

Rules & Requirements

Prerequisites: 2nd year students-HMS 261 completed with no incompletes
3rd year students-prior HMS 264 completed with no incompletes

Repeat rules: Course may be repeated a maximum of 4 times.

Hours & Format

Fall and/or spring: 15 weeks - 3-5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Ivey

Mixed Methods/Community-Based Research Thesis Working Group:
Read Less [-]

HMEDSCI 265 Epidemiology/Reproductive Health/Evaluation Research Thesis Working Group 3 - 4 Units

Terms offered: Not yet offered

The Epidemiology/Reproductive Health/ Evaluation TWG provides JMP students a supportive small group student-centered environment in which to discuss their research with other students engaged in Epidemiology/ Reproductive Health/ Evaluation projects towards the goal of the successful completion of the required JMP MS.

Epidemiology/Reproductive Health/Evaluation Research Thesis Working Group: Read More [+]

Objectives Outcomes

Course Objectives: To develop specific skills in Epidemiology/ Reproductive Health/ Evaluation research design, planning and implementation, data collection, analysis, presentation and publication. To give students a supportive environment in which to discuss their research with students and faculty who are engaged in similar research. To give students the opportunity to provide peer advising to their classmates regarding their research projects. To provide students with individual mentoring by TWG leaders during outside sessions planned between faculty and students. To support students in developing skills in working with a mentor, developing a research design, obtaining IRB approval, collecting and analyzing data, managing a research project, presenting findings as posters or oral presentations, presenting research to the community, and drafting a master's thesis and/or publication

Rules & Requirements

Prerequisites: 2nd year students-HMS 261 completed with no incompletes
3rd year students-prior HMS 265 completed with no incompletes

Repeat rules: Course may be repeated a maximum of 4 times.

Hours & Format

Fall and/or spring: 15 weeks - 3-5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Prata

Epidemiology/Reproductive Health/Evaluation Research Thesis Working Group: Read Less [-]

HMEDSCI 266 Clinical Medicine/Bench Research/Clinical Epi/Behavioral Thesis Working Group 3 - 4 Units

Terms offered: Summer 1998 10 Week Session, Spring 1998, Summer 1997 10 Week Session

The Clinical Medicine/Bench Research/Clinical Epi/Behavioral TWG provides JMP students a supportive small group student-centered environment in which to discuss their Clinical Medicine/Bench Research/Clinical Epi/Behavioral projects towards the goal of the successful completion of the required JMP MS.

Clinical Medicine/Bench Research/Clinical Epi/Behavioral Thesis Working Group: Read More [+]

Objectives Outcomes

Course Objectives: To develop specific skills in Clinical Medicine/Bench Research/Clinical Epi/Behavioral TWG research design, planning and implementation, data collection, analysis, presentation and publication.

To give students a supportive environment in which to discuss their research with students and faculty who are engaged in similar research.

To give students the opportunity to provide peer advising to their classmates regarding their research projects.

To provide students with individual mentoring by TWG leaders during outside sessions planned between faculty and students,

To support students in developing skills in working with a mentor, developing a research design, obtaining IRB approval, collecting and analyzing data, managing a research project, presenting findings as posters or oral presentations, and drafting a master's thesis and/or publication

Rules & Requirements

Prerequisites: 2nd year students-HMS 261 completed with no incompletes
3rd year students-prior HMS 266 completed with no incompletes

Repeat rules: Course may be repeated a maximum of 4 times.

Hours & Format

Fall and/or spring: 15 weeks - 3-5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Madsen

Clinical Medicine/Bench Research/Clinical Epi/Behavioral Thesis Working Group: Read Less [-]

HMEDSCI 267 Bioethics, Medical Humanities, or Archival Thesis Working Group 3 - 4 Units

Terms offered: Not yet offered

The Bioethics, Medical Humanities TWG provides JMP students a supportive small group student-centered environment in which to discuss their research with other students engaged in Bioethics, Medical Humanities projects towards the goal of the successful completion of the required JMP MS.

Bioethics, Medical Humanities, or Archival Thesis Working Group: Read More [+]

Objectives Outcomes

Course Objectives: To develop specific skills in Bioethics, Medical Humanities research design, planning and implementation, data collection, analysis, presentation and publication..

To give students a supportive environment in which to discuss their research with students and faculty who are engaged in similar research.

To give students the opportunity to provide peer advising to their classmates regarding their research projects.

To provide students with individual mentoring by TWG leaders during outside sessions planned between faculty and students

To support students in developing skills in working with a mentor, developing a research design, obtaining IRB approval, collecting and analyzing data, managing a research project, presenting findings as posters or oral presentations, presenting research to the community, and drafting a master's thesis and/or publication

Rules & Requirements

Prerequisites: 2nd year students-HMS 261 completed with no incompletes
3rd year students-prior HMS 267 completed with no incompletes

Repeat rules: Course may be repeated a maximum of 4 times.

Hours & Format

Fall and/or spring: 15 weeks - 3-5 hours of seminar per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Instructor: Halpern

Bioethics, Medical Humanities, or Archival Thesis Working Group: Read Less [-]

HMEDSCI 296 Special Study 1 - 10 Units

Terms offered: Spring 2018, Fall 2017, Spring 2017

Designed to permit qualified graduate students to pursue special study under the direction of a faculty member.

Special Study: Read More [a]

Rules & Requirements

Prerequisites: Graduate standing

Repeat rules: Course may be repeated for credit.

Hours & Format

Fall and/or spring: 15 weeks - 0-3 hours of independent study per week

Summer: 8 weeks - 0-3 hours of independent study per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Special Study: Read Less [-]

HMEDSCI 298 Directed Group Study 1 - 5 Units

Terms offered: Spring 2014, Spring 2013, Fall 2011

Group study for graduate students. Intensive examination of health-related topics.

Directed Group Study: Read More [a]

Rules & Requirements

Prerequisites: Graduate standing in Health and Medical Sciences Program or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 1-5 hours of independent study per week

Summer:

6 weeks - 2.5-12.5 hours of independent study per week

8 weeks - 1.5-7.5 hours of independent study per week

10 weeks - 1.5-4 hours of independent study per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: The grading option will be decided by the instructor when the class is offered.

Directed Group Study: Read Less [-]

HMEDSCI 299 Independent Study and Research in Health and Medical Sciences 1 - 12 Units

Terms offered: Spring 2007, Fall 2006, Spring 2006

Independent study, research, and writing in an area related to program of study, sponsored by an approved faculty member and approved by program adviser.

Independent Study and Research in Health and Medical Sciences: Read More [a]

Rules & Requirements

Prerequisites: Graduate standing in HMS Program or consent of sponsoring HMS faculty member

Repeat rules: Course may be repeated for credit.

Hours & Format

Fall and/or spring: 15 weeks - 1-12 hours of independent study per week

Summer:

6 weeks - 2.5-30 hours of independent study per week

8 weeks - 1.5-22.5 hours of independent study per week

Additional Details

Subject/Course Level: Health and Medical Sciences/Graduate

Grading: Letter grade.

Independent Study and Research in Health and Medical Sciences: Read Less [-]