# UC Berkeley-UCSF Joint Medical Program (JMP)

The UC Berkeley–UCSF Joint Medical Program (JMP) attracts people who are passionately dedicated to improving the world's health through scholarly self-directed yet collaborative inquiry. This is reflected in both the medical curriculum (https://publichealth.berkeley.edu/academics/programs/graduate/joint/joint-medical-program/curriculum/) and master's program (https://publichealth.berkeley.edu/academics/programs/graduate/joint/joint-medical-program/curriculum/masters-degree/).

The masters program provides a broad trans-disciplinary exploration of the social determinants of health, health systems science, population health, health equity, and data science. Students have access to a large range of research topics which is part of what makes the JMP MS unique. Concurrently, students participate in an innovative student-led, faculty supported Foundational Sciences curriculum through Problem-Based Learning (https://publichealth.berkeley.edu/academics/programs/graduate/joint/joint-medical-program/curriculum/problem-based-learning/) (PBL).

As part of the UC Berkeley campus community, our 16 students per cohort are supported by a multidisciplinary, close-knit, and inter-professional team of faculty and staff, committed to individualized support for students' success.

## Curriculum

| | | |
|---|---|---|
| HMEDSCI 261 | Research Seminar (2 semesters) | 2 |
| PB HLTH 250A | Epidemiologic Methods I (250B also meets requirement) | 3 |
| or PB HLTH 25 | Epidemiologic Methods II | |
| HMEDSCI 262 | Qualitative Analysis Thesis Working Group (4 semesters) | 4 |
| or HMEDSCI 264 | Course Not Available | |
| or HMEDSCI 265 | Basic, Clinical, and Behavioral Research Thesis Working Group | |
| or HMEDSCI 267 | Course Not Available | |
| Upper division or graduate level Biostatistics course | | |
| Graduate Elective in research methods, approved by thesis adviser | | |
| Graduate Electives in content area of research | | |
| Summer field research elective | | |
| The medical curriculum that you will register for while pursuing your MS include 5 semesters of Foundational Sciences through PBL, 4 semesters of clinical skills work as part of a Master Clinician Working Group (MCWG), 4 semesters in Clinical Contexts working with clinics in the East Bay and 1 semester of Advanced Studies in Patient Care & Clinical Systems (PCCS). | | |
| HMEDSCI 200 | Foundational Sciences through Problem-Based Learning | 8 |
| HMEDSCI 216 | Clinical Medicine | 4 |
| HMEDSCI 218 | Course Not Available | 2 |
| HMEDSCI 220 | Advanced Studies in Patient Care & Clinical Systems | 4 |

## JMP Masters of Health & Medical Sciences Thesis

A JMP student's MS coursework and research culminate in the crafting of a thesis, including an in-depth literature review of the student's area of expertise and a scholarly product, often a manuscript for submission to a journal. Students can pursue research in any field of knowledge with a link to human health. A database of prior JMP research theses can be accessed at: http://escholarship.org/uc/ucb_ucsf_joint_medical_program (http://escholarship.org/uc/ucb_ucsf_joint_medical_program/)

## Health and Medical Sciences Program

Expand all course descriptions [+]Collapse all course descriptions [-]

## HMEDSCI 200 Foundational Sciences through Problem-Based Learning 8 Units

Terms offered: Spring 2022, Fall 2021, Spring 2021

The five semester sequence 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.

Foundational Sciences through Problem-Based Learning: Read More [+]

**Rules & Requirements**

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

**Repeat rules:** Course may be repeated for credit up to a total of 5 times.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Sciences through Problem-Based Learning: Read Less [-]

## HMEDSCI 205A Foundational Medical Sciences 10 Units

Terms offered: Fall 2022, Fall 2002, Fall 2001
The focus of this course is on medical physiology—the study of the human body's normal functioning. Physiology underpins the rest of the foundational medical sciences curriculum by allowing students to map and anchor the additional learning necessary to make sense of complex problem-based learning (PBL) medical cases later in the curriculum. Students will learn physiology through team-based learning (TBL), a student-centered pedagogy in which they work with physiological problems to solve them collaboratively. By actively engaging in learning through problem-solving, students do more than memorize content; they learn how to work together to build a strong web of interconnected information to solve real-world problems.
Foundational Medical Sciences: Read More [+]

**Objectives & Outcomes**

**Student Learning Outcomes:** Create rich and elaborated causal networks that explain physiological processes.
Develop and practice evidence-based self-regulated learning skills.

Develop communication skills that support effective teamwork.
Learn from an anti-racist lens and actively practice anti-racism in the classroom.
Skillfully contribute to learning in collaborative teams.

**Rules & Requirements**

**Prerequisites:** Graduate standing in Health and Medical Science Joint Medical Program. JMP first year student fall semester

**Credit Restrictions:** Students will receive no credit for HMEDSCI 205A after completing HMEDSCI 205A, or HMEDSCI 205A. A deficient grade in HMEDSCI 205A may be removed by taking HMEDSCI 205A, or HMEDSCI 205A.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Medical Sciences: Read Less [-]

## HMEDSCI 205B Foundational Medical Sciences 10 Units

Terms offered: Spring 2003, Spring 2002, Spring 2001
Beginning in this semester, you will learn all the foundational medical sciences through problem-based learning (PBL), which builds upon the foundation of physiological knowledge learned through TBL in your first semester. PBL is an evidence-based educational strategy underpinned by a constructivist philosophy of learning. The foundational medical sciences include, among others, pathology, pharmacology, biochemistry, immunology, microbiology, genetics, behavioral sciences, epidemiology, public health, medical sociology, and other social sciences.
Foundational Medical Sciences: Read More [+]

**Objectives & Outcomes**

**Student Learning Outcomes:** Create rich and elaborated causal networks that explain physiological processes.
Develop and practice evidence-based self-regulated learning skills.

Develop communication skills that support effective teamwork.
Learn from an anti-racist lens and actively practice anti-racism in the classroom.

Skillfully contribute to learning in collaborative teams.

**Rules & Requirements**

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

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Medical Sciences: Read Less [-]

## HMEDSCI 205C Foundational Medical Sciences C 10 Units

Terms offered: Fall 2022, Fall 2003, Fall 2002
Continuing your study of foundational medical sciences through problem-based learning (PBL), this is the second PBL course in a series of 4. PBL is an evidence-based educational strategy underpinned by a constructivist philosophy of learning. The foundational medical sciences include, among others, pathology, pharmacology, biochemistry, immunology, microbiology, genetics, behavioral sciences, epidemiology, public health, medical sociology, and other social sciences.
Foundational Medical Sciences C: Read More [+]

**Objectives & Outcomes**

**Student Learning Outcomes:** Learn from an anti-racist lens and actively practice anti-racism in the classroom.
Create rich and elaborated causal networks that explain physiological processes.
Develop and practice evidence-based self-regulated learning skills.
Develop communication skills that support effective teamwork.
Skillfully contribute to learning in collaborative teams.

**Rules & Requirements**

**Prerequisites:** Must be enrolled in the UC Berkeley-UCSF Joint Medical Program

**Credit Restrictions:** Students will receive no credit for HMEDSCI 205C after completing HMEDSCI 205C. A deficient grade in HMEDSCI 205C may be removed by taking HMEDSCI 205C.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Medical Sciences C: Read Less [-]

## HMEDSCI 205D Foundational Medical Sciences D 10 Units

Terms offered: Spring 2004, Spring 2003, Spring 2002
Continuing your study of foundational medical sciences through problem-based learning (PBL), this is the third PBL course in a series of four. PBL is an evidence-based educational strategy underpinned by a constructivist philosophy of learning. The foundational medical sciences include, among others, pathology, pharmacology, biochemistry, immunology, microbiology, genetics, behavioral sciences, epidemiology, public health, medical sociology, and other social sciences.
Foundational Medical Sciences D: Read More [+]

**Objectives & Outcomes**

**Student Learning Outcomes:** Create rich and elaborated causal networks that explain physiological processes.
Develop and practice evidence-based self-regulated learning skills.
Develop communication skills that support effective teamwork.
Learn from an anti-racist lens and actively practice anti-racism in the classroom.
Skillfully contribute to learning in collaborative teams.

**Rules & Requirements**

**Prerequisites:** Must be enrolled in the UC Berkeley-UCSF Joint Medical Program

**Credit Restrictions:** Students will receive no credit for HMEDSCI 205D after completing HMEDSCI 205D. A deficient grade in HMEDSCI 205D may be removed by taking HMEDSCI 205D.

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Medical Sciences D: Read Less [-]

## HMEDSCI 205E Foundational Medical Sciences E 10 Units

Terms offered: Fall 2022
Continuing your study of foundational medical sciences through problem-based learning (PBL), this is the final PBL course in a series of four. PBL is an evidence-based educational strategy underpinned by a constructivist philosophy of learning. The foundational medical sciences include, among others, pathology, pharmacology, biochemistry, immunology, microbiology, genetics, behavioral sciences, epidemiology, public health, medical sociology, and other social sciences.
Foundational Medical Sciences E: Read More [+]

**Objectives & Outcomes**

**Student Learning Outcomes:** Create rich and elaborated causal networks that explain physiological processes
Develop and practice evidence-based self-regulated learning skills.
Develop communication skills that support effective teamwork.
Learn from an anti-racist lens and actively practice anti-racism in the classroom.
Skillfully contribute to learning in collaborative teams.

**Rules & Requirements**

**Prerequisites:** Must be enrolled in the UC Berkeley-UCSF Joint Medical Program

**Hours & Format**

**Fall and/or spring:** 15 weeks - 9 hours of seminar per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Foundational Medical Sciences E: Read Less [-]

## HMEDSCI 211 Narrative and Medicine 1 Unit

Terms offered: Spring 2019, Spring 2008, Spring 2007
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 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 2022, Fall 2021, Spring 2021
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

**Repeat rules:** Course may be repeated for credit without restriction.

**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 216A Clinical Medicine A 3 Units

Terms offered: Fall 2022
This is the first semester of a mandatory 5 semester Clinical Medicine course. It lays down the foundation for building upon history-taking and physical exam skills and introduces concepts of anti-racism for future integration in your clinical interviews, exams, and communication. The course uses a combination of small group sessions, standardized patient encounters, and intensive clinical encounters to prepare students to thrive in clinical rotations as curious and self-driven learners, compassionate, clinically astute and just health care providers, and effective and collaborative team members.
Clinical Medicine A: Read More [+]
**Rules & Requirements**

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

**Hours & Format**

**Fall and/or spring:** 15 weeks - 1 hour of seminar, 2 hours of demonstration, and 1.5 hours of fieldwork per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Clinical Medicine A: Read Less [-]

## HMEDSCI 216C Clinical Medicine C 4 Units

Terms offered: Fall 2022
This is the third semester of a mandatory 5 semester Clinical Medicine course. It builds upon the foundation for history-taking and physical exam skills with of focus on differential diagnoses and integrates concepts of anti-racism in your clinical interviews, exams, and communication. The course uses a combination of small group sessions, standardized patient encounters, and intensive clinical encounters to prepare students to thrive in clinical rotations as curious and self-driven learners, compassionate, clinically astute and just health care providers, and effective and collaborative team members.
Clinical Medicine C: Read More [+]
**Rules & Requirements**

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

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of demonstration, 3.5 hours of fieldwork, and 1 hour of lecture per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Clinical Medicine C: Read Less [-]

## HMEDSCI 216E Clinical Medicine E: Advanced Clinical Medicine 4 Units

Terms offered: Fall 2022
This is the final semester of a mandatory 5 semester Clinical Medicine course. It builds upon the clinical skills developed in the first four semesters, integrating antiracism and clinical reasoning throughout your clinical interviews, exams, and communication. The course uses a combination of small group sessions, standardized patient encounters, and intensive clinical encounters to prepare students to thrive in clinical rotations as curious and self-driven learners, compassionate, clinically astute and just health care providers, and effective and collaborative team members.
Clinical Medicine E: Advanced Clinical Medicine: Read More [+]
**Rules & Requirements**

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

**Hours & Format**

**Fall and/or spring:** 15 weeks - 2 hours of demonstration, 3 hours of fieldwork, and 2 hours of lecture per week

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

Clinical Medicine E: Advanced Clinical Medicine: Read Less [-]

## HMEDSCI 220 Advanced Studies in Patient Care & Clinical Systems 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020
The overall goals of this course is for students to learn and practice advanced interviewing, integrated and focused clinical history-taking, physical exam skills, clinical decision making and problem solving skills, H & P and SOAP notes, oral case presentations and professionalism in clinical settings. Coursework is divided in 5 elements of Classroom Sessions, Psychiatric Interview, Kaiser PACE Week, 4 Inpatient Preceptorships, and 2 standardized patient exercises at SMU
Advanced Studies in Patient Care & Clinical Systems: Read More [+]
**Rules & Requirements**

**Prerequisites:** 4 semesters of HMEDSCI 216 is required

**Hours & Format**

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

**Additional Details**

**Subject/Course Level:** Health and Medical Sciences/Graduate

**Grading:** Letter grade.

**Instructors:** Garlin, Hartley, Anderson

Advanced Studies in Patient Care & Clinical Systems: Read Less [-]

## HMEDSCI 261 Research Seminar 2 Units

Terms offered: Fall 2022, Spring 2022, Fall 2021
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

**Repeat rules:** Course may be repeated for credit without restriction.

**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: Fall 2020, Spring 2020, Spring 2000
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 for credit up to a total 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 265 Basic, Clinical, and Behavioral Research Thesis Working Group 3 - 4 Units

Terms offered: Fall 2021, Spring 2021, Fall 2020
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.
Basic, Clinical, and Behavioral 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 for credit up to a total 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:** Dahl

Basic, Clinical, and Behavioral 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 for credit up to a total 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 296 Special Study 1 - 10 Units

Terms offered: Spring 2022, Fall 2021, Spring 2021
Designed to permit qualified graduate students to pursue special study under the direction of a faculty member.
Special Study: Read More [+]

**Rules & Requirements**

**Prerequisites:** Graduate standing

**Repeat rules:** Course may be repeated for credit without restriction.

**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: Fall 2022, Spring 2014, Spring 2013
Group study for graduate students. Intensive examination of health-related topics.
Directed Group Study: Read More [+]

**Rules & Requirements**

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

**Repeat rules:** Course may be repeated for credit without restriction.

**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: Fall 2022, Fall 2021, Fall 2020
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 [+]

**Rules & Requirements**

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

**Repeat rules:** Course may be repeated for credit without restriction.

**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 [-]