The Warren Alpert Medical School of Brown University

Dean
Jack A. Elias

Admissions

Students interested in the study of medicine at the Warren Alpert Medical School of Brown University may apply through a variety of admission routes designed to create a highly qualified and diverse medical student body.

The majority of the 120 matriculants in the first-year class apply through the American College Application Service (AMCAS). Approximately (40%) of the first-year class enroll from Brown’s eight-year combined Bachelor’s-medical degree Program in Liberal Medical Education. These students are joined by students entering through special programs at institutions with which the medical school has formed linkages (postbaccalaureate and early identification). These admission routes are described below.

AMCAS Admission

Qualified students or graduates of accredited colleges or universities in the United States or Canada may apply to Alpert Medical School (AMS) through the AMCAS route. Individuals must first complete and submit the electronic AMCAS application, found on the website of the American Association of Medical Colleges (https://www.aamc.org), and indicate that they wish to apply to the Warren Alpert Medical School of Brown University. Applicants must also complete a web-based secondary application (forwarded by AMS Office of Admissions) and submit an application fee to be considered an eligible candidate for admission.

The AMCAS applicant pool for the most recent entering class (MD 2016) was competitive, with over 3300 applicants vying for 57 seats (of 120). The applicant pool was impressive in geographic scope and size, including residents of 49 states, the District of Columbia, the Commonwealth of Puerto Rico, and a number of foreign countries (predominantly Canada, China, and South Korea).

Additional information and related admission requirements may be found at http://www.brown.edu/academics/medical/admission. The Office of Admissions may be contacted by email (MedSchool_Admissions@brown.edu) or telephone (401) 863-2149. Letters and other correspondence should be mailed to the Office of Admissions, Box G-M, Brown University, Providence, RI 02912-9706.

Program in Liberal Medical Education (PLME)

The Program in Liberal Medical Education is an eight-year continuum of liberal arts and medical education leading to both the bachelor’s and M.D. degrees. The PLME is open to high school graduates who have applied to Brown and are simultaneously admitted to Brown for their undergraduate studies. The PLME seeks highly qualified and strongly motivated high school students who wish to pursue an area of academic interest to an advanced level of scholarship within the framework of a broad liberal education.

From a large (approximately 2,000) and highly qualified applicant pool, roughly 50 students matriculate annually. For additional information regarding the PLME, access the website at http://www.brown.edu/academics/medical/plme/ or contact the College Admission Office, Brown University, Prospect Street, Providence, RI 02912-9706; (401) 863-2378.

Postbaccalaureate Linkage Programs

The Postbaccalaureate (PB) Linkages are cooperative ventures between Alpert Medical School and the Premedical PB Programs at Bryn Mawr College, Columbia University, Johns Hopkins University, and Goucher College. Postbaccalaureate students enrolled in these programs may be offered admission to the medical school during the spring semester of their first year of study, thus allowing them to enter the medical school in the next class.

Selection occurs by a nomination process in which the premedical advisor selects candidates meeting established eligibility criteria (e.g., age, postbac grade point average). The number of PB students in each medical school class depends upon the number of places available as well as the caliber of the applicant pool. PB students nominated for admission must apply to AMCAS and complete an AMS secondary application. The MCAT is not required for admission. Timelines for this process are distributed to PB Program Directors on a yearly basis. Completed applications are reviewed by a subcommittee of the Admissions Committee, which selects nominees for interviews. The interviews follow the same protocol as that for AMCAS applicants and the same evaluation form is used.

The Early Identification Program (EIP)

The Early Identification Program (EIP) provides selected students at cooperating institutions with a place at Alpert Medical School upon continued academic progress and college graduation. This route provides opportunities for a medical career to two groups:

- Rhode Island residents enrolled at Providence College, Rhode Island College, and the University of Rhode Island; and
- Students enrolled at Tougaloo College, a historically black, liberal arts institution in Mississippi.

Eligible students are identified by their premedical advisor in the sophomore year of college, participate in selected PLME activities, and enroll in medical school after receiving the bachelor’s degree. Generally, up to two students may be admitted annually from each school. For more information and application procedures, please contact the premedical advisor at the participating institutions. For more information access the website at http://www.brown.edu/academics/medical/admission/other-routes-of-admission

Definition of Rhode Island Residency for Medical School Admission

An individual is considered a Rhode Island resident if he or she graduated from a Rhode Island high school and if the individual’s parent(s) have lived in Rhode Island for the previous two calendar years, as documented by federal tax returns. For dependent students, the custodial parent(s) must claim the student as a dependent on his or her federal tax returns for the prior two years. Individuals who are independent (i.e., not living with parents and filing individual federal tax returns for the previous two years) must have at least one parent residing in Rhode Island for the previous two years, as documented by federal tax returns.

Selection Factors

Students admitted to Alpert Medical School must attain competence in the sciences basic to medicine at a sufficient level to provide adequate preparation for medical school. Applicants are expected to demonstrate competence by successfully completing the following premedical course requirements at a college or university in the United States or Canada: one semester of organic chemistry; and two semesters of physics, inorganic chemistry, and social and behavioral sciences. The Medical College Admission Test (MCAT) is required for AMCAS route applicants. All applicants are selected on the basis of academic achievement, faculty evaluations, evidence of maturity, motivation, leadership, integrity, and compassion. For the PLME, Brown seeks highly qualified and strongly motivated students who wish to pursue an area of academic interest to an advanced level of scholarship within the framework of a liberal premedical education.

In order to be eligible for consideration, candidates must present a minimum cumulative grade point average of 3.00 (on a 4.00 scale) in courses taken as a matriculated student at an undergraduate college. Applicants who have attended graduate school must achieve a cumulative grade point average of 3.00 (on a 4.00 scale) in courses taken in graduate school. Applicants must have completed requirements for the baccalaureate degree before matriculating into the medical school. All applicants must be capable of meeting the competency requirements expected of all graduates. Technological compensation can be made

The Warren Alpert Medical School of Brown University
for some disabilities in certain competency requirements. Candidates accepted for admission who will need special accommodations cannot be admitted unless those supportive services are available, as determined by the Dean of Medicine and Biological Sciences. The processes for assessing whether applicants will be able to meet the competency requirements for the M.D. degree are described in Technical Standards for Medicine, listed below.

In keeping with the mission of Brown University, the office of admissions recognizes the importance of diversity to the success of the medical school. Dimensions of diversity include, but are not limited to, race, ethnicity, religious affiliation, gender identity, sexual orientation, veteran status, age, socioeconomic status and geographic background. Multicultural perspectives enrich educational understanding, improve outreach to the community, enhance trust and communication, and facilitate development of culturally appropriate clinical and research programs.

Technical Standards for Medicine

Process for Assessing Whether Applicants Meet Technical Standards for Medicine:

1. No inquiry will be made on the application forms concerning disability. Brown’s policies regarding technical abilities and skills necessary to meet the competency requirements are included with the letter of admission, and candidates are asked at that time to contact the Associate Dean for Medical Education if they have any concerns about their ability to meet these standards.

2. Applicants who are identified as having a disability through volunteered information, supporting credentials, or interviews will have an assessment of their ability to meet competency requirements only after a determination is made of their admissibility to the medical program.

3. Those applicants with disabilities deemed admissible to the Medical School will be requested to have submitted on their behalf appropriate documentation in regard to the disability from a qualified health professional. The health professional will be asked to provide an opinion on the candidate’s ability to meet the competency requirements for the M.D. degree. The applicant may also be requested to respond to that question.

4. The responses will be submitted to a committee appointed by the Dean of Medicine and Biological Sciences. This committee may ask for a review of the supporting documentation by appropriate members of the faculty in regard to the applicant’s meeting the competency requirements. The committee will ascertain what accommodations, if any, the medical program would need to make in order that the applicant might be able to meet the competency requirements, and assess the feasibility of any needed accommodations.

5. The committee will review the information received to determine if the applicant will be able to meet the competency requirements, with reasonable accommodations on the part of the medical program, if necessary.

6. The committee will recommend to the Dean of Medicine and Biological Sciences acceptance of applicants who can meet the competency requirements or will recommend nonacceptance if they cannot.

Process for Assessing Student’s Ability to Continue in the Medical School Should Disability Occur After Matriculation at Brown University:

1. A student who develops a disability after matriculation at Brown University may be identified to the Medical Student Affairs Office through a variety of sources, e.g., reporting of accident or illness by peers, family, friends, or faculty and subsequent follow-up with health professionals managing the care.

2. If the degree to which the student has become disabled raises questions related to meeting the competency requirements after a review by the Associate Dean for Medical Education, a meeting of an ad hoc committee will be set up to discuss the situation. The student will be asked to meet with the committee members, unless the disability is so severe that the student needs to be represented by another individual. In some cases, it might be more appropriate to have a health professional, not directly involved in the care, serve as a consultant to the committee on the issues surrounding the disability.

3. The ad hoc committee will develop a recommendation as to the student’s ability to successfully pursue a medical education based on his or her ability to meet the competency requirements of the medical program. These educational accommodations will be discussed with the appropriate course directors to be certain that there is agreement on how the student will be managed. If facilities accommodations are recommended, the committee will discuss these with the appropriate individuals to be certain that the needs for the disabled student can be provided. The committee’s recommendations will be discussed with the student or his or her representative in the event that the student cannot attend.

4. When the recommendation is that the disabled student cannot meet the medical program’s competency requirements, the committee will develop a report on any educational program accommodations that, if made, will still meet the competency requirements.

5. Should the decision of the committee be to recommend to the dean that the student be dropped from enrollment in the medical program, the normal due process appeals mechanism will be in effect, and the Student Affairs Office will work with the individual as appropriate on potential alternative career options. For students in the Program in Liberal Medical Education continuum, being dropped from the program due to inability to meet competency requirements for medical education does not necessitate the withdrawal of the student from the undergraduate college if that phase of the student’s education has not been completed.

Advanced Scholarship

Medical students who wish to earn an advanced degree (M.A., Sc.M., M.F.H., Ph.D.), must meet the requirements of the Graduate School. Numerous academic departments at Brown offer graduate programs. All graduate studies are carried out under the supervision of a faculty member of a graduate program at Brown University and are subject to the specific requirements of that program in addition to the general guidelines given below. Students should discuss their interests and goals with a director of a graduate program in planning any study that might lead to an advanced graduate degree.

Educational Programs

Program in Liberal Medical Education

The Program in Liberal Medical Education (PLME) offers a unique opportunity to combine undergraduate education and professional studies in medicine into an eight-year program.

The PLME is not an accelerated medical program. Rather, it encourages students to take advantage of the breadth of a liberal arts education, to take charge of their education, and to become active learners. At Brown, creative students need not sacrifice the benefits of a rich liberal arts education in order to gain admission to medical school.

The PLME provides great flexibility in curriculum planning. During the early years, students take courses related to their chosen concentration and to obtain a broad liberal education. In addition, students take courses designed to meet the competencies required for admission to Alpert Medical School. This begins with courses in the natural, social and behavioral sciences, and mathematics, which provide a foundation for later medical science and clinical courses.

Students may choose to work towards an A.B. or Sc.B. degree in the sciences, or to fulfill the requirements for an A.B. in the humanities, social sciences or behavioral sciences. Several interdisciplinary concentrations such as Public Policy and International Relations are also available. The expected duration of the program is eight years. The last four years of the program culminate in the M.D. degree.

Brown’s entire faculty is available to PLME students. This access to faculty throughout the University fosters collaborative teaching and research among scholars and students from widely divergent disciplines. Although the program is characterized by the unique breadth of educational opportunities available to students, it has great strength in
the conventional biomedical sciences accompanied by in depth research opportunities as well.

The Medical Curriculum

The Alpert Medical School curriculum has been designed and implemented with the intention of creating an integrated, contemporary, compassionate, and flexible program of learning for our students. Our approach to medical education is predicated on the vision that tomorrow’s physician must be a lifelong learner who is scientifically and clinically enlightened, patient and service-centered, and who understands the economic underpinnings of the US health care system. Our goal is to train physicians who will provide informed and compassionate care while at the same time serving as leaders and change agents for the health care system. To achieve the latter goal, we aim to train physicians who will be leaders at all levels.

These educational goals are pursued through a curriculum with the following structure. During Years 1 and 2, students enroll in four sequential semesters of Integrated Medical Sciences (IMS-I through -IV) and Doctoring-I through -IV. The elective Scholarly Concentrations Program is introduced to students during Year 1. Year 3 allows students to explore core disciplines and related specialties through the completion of required clerkships in medicine, surgery, pediatrics, obstetrics & gynecology, psychiatry, and family medicine. The transition from the third year to the fourth year takes place in May, after which time students have the opportunity to develop a program of elective rotations aimed at finalizing a career choice, and obtaining and preparing for a residency in their chosen field.

Alpert Medical School continues to employ a competency-based curriculum that was officially launched in 1996 for the graduating MD Class of 2000. The rationale behind the competency-based curriculum stems from the need to define the outcomes of the educational process: what are the desirable qualities of a medical school graduate, and what constitutes the essential knowledge base that will enable a graduate to make a successful transition to his or her chosen medical field?

All students are expected to gain competency in the Nine Abilities (see below) and knowledge base by graduation. Each course within the core curriculum of the Medical School identifies which abilities and parts of the knowledge base it addresses. Students may also meet the competency requirements through individualized study, group independent study projects (GISPs), or alternative courses that might be arranged as part of collaborative learning opportunities.

Nine Abilities:
1. Effective communication
2. Basic clinical skills
3. Using basic science in the practice of medicine
4. Diagnosis, prevention, and treatment
5. Lifelong learning
6. Professionalism
7. Community health promotion and advocacy
8. Moral reasoning and clinical ethics
9. Clinical decision making

MD/PhD Program

Students interested in careers in academic medicine may want to consider dual MD/PhD training. Applications are only accepted from current PLME and Alpert Medical School students. Other interested individuals must apply to the MD program (http://brown.edu/academics/medical/admission). Consideration for PhD training will take place during years 1, 2 or 3 of medical school.

Our approach to dual MD/PhD training offers curriculum flexibility. Students may begin their graduate work after Year 2 or Year 3 of medical school. Components of the requirements for the MD may be incorporated into the graduate years, and graduate work can provide partial fulfillment of the Year 4 requirements for the MD.

PLME students in their undergraduate years and medical students in years 1, 2 or 3 must meet with the Associate Dean for Medical Education to discuss entry into the MD/PhD program. Selection is based on past research accomplishments, a clear commitment to a research career, and academic achievement at Brown. Students without substantial research experience will be advised to garner such experience before making an application to the program. Applications will be considered not only by the Associate Dean but also by representatives of the graduate program(s) of interest to the student.

Learn more about the MD/PhD Program (https://www.brown.edu/academics/medical/education/other-programs/md-phd) at: https://www.brown.edu/academics/medical/education/other-programs/md-phd

MD/MPH Program

Students interested in the MD/MPH program must apply separately to Alpert Medical School and to Brown University’s Graduate School. Regardless of the route of admission to the medical school—PLME, Standard, EIP, Postbaccalaureate, Advanced Standing—all students are eligible to apply for the MPH during the first three years at the Alpert Medical School.

There is no formal path for non-Brown medical students to enroll in the 5-year MD/MPH Program. However, medical students from other schools are welcome to apply to the MPH Program through the standard route and they may request that up to 4 courses from their medical school curriculum count toward the MPH degree.


MD/MPA Program

Brown University, the Warren Alpert Medical School, and the Master of Public Affairs (MPA) at the Watson Institute have developed a dual-degree program aimed at creating the next generation of leaders in medicine and health care policy.

About the Joint Degree

The MD/MPA program is a joint, integrated, four-year program in which select students receive both a Doctorate of Medicine (MD) and a Master of Public Affairs (MPA). This is the first integrated program of its kind in the U.S., where students are able to complete their degree program in four years and take courses taught by both medical school and public policy faculty. You can earn your Master of Public Affairs without adding another year to your MD studies.

In this program you will:
- Learn how to analyze the intersections of medicine and public policy;
- Be prepared to take leadership positions in government, both nationally and internationally, research centers, or health care delivery organizations, and
- Gain the knowledge, skills and content expertise necessary to lead health care policy change in a rapidly evolving health care system.

Learn more about the MD/MPA (https://www.brown.edu/academics/medical/education/mdmpa-program) Program at: https://www.brown.edu/academics/medical/education/mdmpa-program

Primary Care - Population Medicine Combined MD-ScM Program

The Primary Care-Population Medicine (PC-PM) program is an innovative, dual-degree curriculum that focuses on preparing students for a career in medicine while providing comprehensive, longitudinal training in population medicine.

The program will prepare medical students for leadership roles in health care on the local, state, or national level in areas ranging from primary care clinical service to research, education, and health policy.

This four-year program, the first of its kind in the United States, results in the awarding of both a Doctor of Medicine and a Master of Science in Population Medicine.

Learn more about the Primary Care - Population Medicine Combined MD-ScM Program (https://www.brown.edu/academics/medical/education/other-programs/primary-care-population-medicine) at: https://
BIOL 301. Clerkship in Medicine.
Twelve weeks.
Fall BIOL3001 S01 10001 Arranged 'To Be Arranged'
Fall BIOL3001 S02 10002 Arranged 'To Be Arranged'
Spr BIOL3001 S03 20001 Arranged 'To Be Arranged'

BIOL 3005. Clerkship in Medicine - LIC.
No description available.

BIOL 3010. Systemic Pathology.
First semester systemic pathology course building on the general principles of disease introduced in general pathology IMS-1. Objectives include learning the classification of systemic disease according to basic pathological mechanisms, describing and explaining the functional and structural changes produced by the most common diseases, and enhancing the ability to diagnose and treat patients. Runs in parallel with pathophysiology BIOL 3500; covers four organ system segments: cardiovascular, renal, and pulmonary and supporting structures.

BIOL 3015. Individualized Clerkship in Medicine.
No description available.
Fall BIOL3015 S12 10003 Arranged 'To Be Arranged'
Fall BIOL3015 S18 10004 Arranged 'To Be Arranged'

BIOL 3020. Nephrology.
No description available.
Fall BIOL3020 S12 10005 Arranged 'To Be Arranged'
Fall BIOL3020 S14 10006 Arranged 'To Be Arranged'
Fall BIOL3020 S24 10007 Arranged 'To Be Arranged'
Spr BIOL3020 S34 20002 Arranged 'To Be Arranged'

BIOL 3025. Longitudinal in Renal Disease.
No description available.

BIOL 3030. Clinical Nephrology.
No description available.
Fall BIOL3030 S14 10008 Arranged 'To Be Arranged'
Fall BIOL3030 S24 10009 Arranged 'To Be Arranged'

BIOL 3035. Clinical Nephrology.
No description available.
Fall BIOL3035 S14 10010 Arranged 'To Be Arranged'

BIOL 3040. Clinical Dermatology.
No description available.
Fall BIOL3040 S12 10011 Arranged 'To Be Arranged'
Fall BIOL3040 S14 10012 Arranged 'To Be Arranged'
Fall BIOL3040 S21 10013 Arranged 'To Be Arranged'
Fall BIOL3040 S22 10014 Arranged 'To Be Arranged'
Fall BIOL3040 S24 10015 Arranged 'To Be Arranged'
Spr BIOL3040 S32 20003 Arranged 'To Be Arranged'
Spr BIOL3040 S34 20004 Arranged 'To Be Arranged'

BIOL 3050. Gastroenterology.
No description available.
Fall BIOL3050 S12 10016 Arranged 'To Be Arranged'
Fall BIOL3050 S14 10017 Arranged 'To Be Arranged'
Fall BIOL3050 S22 10018 Arranged 'To Be Arranged'
Fall BIOL3050 S23 10019 Arranged 'To Be Arranged'
Fall BIOL3050 S24 10020 Arranged 'To Be Arranged'
Spr BIOL3050 S32 20005 Arranged 'To Be Arranged'
Spr BIOL3050 S34 20006 Arranged 'To Be Arranged'

BIOL 3060. Gastroenterology.
No description available.
Fall BIOL3060 S12 10021 Arranged 'To Be Arranged'
Fall BIOL3060 S14 10022 Arranged 'To Be Arranged'
Fall BIOL3060 S22 10023 Arranged 'To Be Arranged'
Fall BIOL3060 S24 10024 Arranged 'To Be Arranged'
Spr BIOL3060 S32 20007 Arranged 'To Be Arranged'

BIOL 3065. Infectious Disease.
No description available.
Fall BIOL3065 S14 10025 Arranged 'To Be Arranged'
Fall BIOL3065 S24 10026 Arranged 'To Be Arranged'

BIOL 3070. Infectious Disease.
No description available.
Fall BIOL3070 S14 10027 Arranged 'To Be Arranged'
Fall BIOL3070 S22 10028 Arranged 'To Be Arranged'
Fall BIOL3070 S24 10029 Arranged 'To Be Arranged'
Spr BIOL3070 S34 20008 Arranged 'To Be Arranged'
BIOI 3075. Infectious Disease.
No description available.
Fall BIOI3075 S14 10030 Arranged 'To Be Arranged'
Fall BIOI3075 S23 10031 Arranged 'To Be Arranged'

BIOI 3080. HIV/AIDS.
No description available.
Fall BIOI3080 S12 10032 Arranged 'To Be Arranged'
Fall BIOI3080 S14 10033 Arranged 'To Be Arranged'
Fall BIOI3080 S22 10034 Arranged 'To Be Arranged'
Fall BIOI3080 S23 10035 Arranged 'To Be Arranged'
Fall BIOI3080 S24 10036 Arranged 'To Be Arranged'
Spr BIOI3080 S32 20009 Arranged 'To Be Arranged'
Spr BIOI3080 S44 20010 Arranged 'To Be Arranged'

BIOI 3090. Allergy and Clinical Immunology Seminar.
The pathophysiology, diagnosis, and treatment of allergic and immunological diseases. Particularly addresses the following diseases: asthma, rhinitis, sinusitis, urticaria, anaphylaxis, primary immunodeficiencies, food allergy, allergic reactions to medications, atopic eczema and insect-sting allergy. Molecular, cellular, and genetic components of allergy and other immunologic inflammation guide consideration of the diagnosis, clinical management, and prevention of allergic and other immunological diseases.

BIOI 3100. Cardiology.
No description available.
Fall BIOI3100 S14 10037 Arranged 'To Be Arranged'
Fall BIOI3100 S21 10038 Arranged 'To Be Arranged'
Fall BIOI3100 S24 10039 Arranged 'To Be Arranged'
Spr BIOI3100 S34 20011 Arranged 'To Be Arranged'

BIOI 3110. Clinical Adult Cardiology.
No description available.
Fall BIOI3110 S13 10040 Arranged 'To Be Arranged'
Fall BIOI3110 S14 10041 Arranged 'To Be Arranged'
Fall BIOI3110 S24 10042 Arranged 'To Be Arranged'
Spr BIOI3110 S33 20012 Arranged 'To Be Arranged'
Spr BIOI3110 S34 20013 Arranged 'To Be Arranged'

BIOI 3120. Coronary Care Unit.
No description available.
Fall BIOI3120 S12 10043 Arranged 'To Be Arranged'
Fall BIOI3120 S13 17420 Arranged 'To Be Arranged'
Fall BIOI3120 S14 10044 Arranged 'To Be Arranged'
Fall BIOI3120 S22 10045 Arranged 'To Be Arranged'
Fall BIOI3120 S24 10046 Arranged 'To Be Arranged'
Spr BIOI3120 S32 20014 Arranged 'To Be Arranged'
Spr BIOI3120 S34 20015 Arranged 'To Be Arranged'

BIOI 3140. Cardiology.
No description available.
Fall BIOI3140 S14 10047 Arranged 'To Be Arranged'
Fall BIOI3140 S22 10048 Arranged 'To Be Arranged'
Fall BIOI3140 S24 10049 Arranged 'To Be Arranged'

BIOI 3165. Med/Peds Infectious Diseases.
No description available.
Fall BIOI3165 S14 10050 Arranged 'To Be Arranged'
Fall BIOI3165 S24 10051 Arranged 'To Be Arranged'
Spr BIOI3165 S32 20016 Arranged 'To Be Arranged'

BIOI 3170. Urgent Care.
No description available.
Fall BIOI3170 S12 10052 Arranged 'To Be Arranged'
Fall BIOI3170 S21 10053 Arranged 'To Be Arranged'
Fall BIOI3170 S22 10054 Arranged 'To Be Arranged'
Fall BIOI3170 S24 10055 Arranged 'To Be Arranged'
Spr BIOI3170 S32 20017 Arranged 'To Be Arranged'

BIOI 3180. Hospice and Palliative Medicine.
No description available.
Fall BIOI3180 S12 10056 Arranged 'To Be Arranged'
Fall BIOI3180 S13 10057 Arranged 'To Be Arranged'
Fall BIOI3180 S14 10058 Arranged 'To Be Arranged'
Fall BIOI3180 S22 10059 Arranged 'To Be Arranged'
Fall BIOI3180 S24 10060 Arranged 'To Be Arranged'
Spr BIOI3180 S34 20018 Arranged 'To Be Arranged'

BIOI 3190. Palliative Care - RH.
No description available.
Fall BIOI3190 S24 17634 Arranged 'To Be Arranged'

BIOI 3200. Tropical Medicine in East Africa.
No description available.
Fall BIOI3200 S14 10061 Arranged 'To Be Arranged'
Fall BIOI3200 S15 10062 Arranged 'To Be Arranged'
Fall BIOI3200 S18 10063 Arranged 'To Be Arranged'
Fall BIOI3200 S24 10064 Arranged 'To Be Arranged'
Fall BIOI3200 S25 10065 Arranged 'To Be Arranged'
Fall BIOI3200 S28 10066 Arranged 'To Be Arranged'

BIOI 3205. International Critical Care at Tuebingen.
No description available.

No description available.

BIOI 3210. Hospice and Palliative Medicine.
No description available.

BIOI 3215. Internal Medicine Night Float.
No description available.

BIOI 3220. Endocrinology.
No description available.
Fall BIOI3220 S14 10067 Arranged 'To Be Arranged'
Fall BIOI3220 S22 10068 Arranged 'To Be Arranged'
Fall BIOI3220 S24 10069 Arranged 'To Be Arranged'

BIOI 3230. Hematology Oncology.
No description available.
Fall BIOI3230 S12 10070 Arranged 'To Be Arranged'
Fall BIOI3230 S14 10071 Arranged 'To Be Arranged'
Fall BIOI3230 S24 10072 Arranged 'To Be Arranged'
Spr BIOI3230 S32 20019 Arranged 'To Be Arranged'
Spr BIOI3230 S34 20020 Arranged 'To Be Arranged'

BIOI 3240. Clinical Hematology/Oncology.
No description available.
Fall BIOI3240 S14 10073 Arranged 'To Be Arranged'
Fall BIOI3240 S24 10074 Arranged 'To Be Arranged'

BIOI 3260. Hematology Oncology.
No description available.
Fall BIOI3260 S24 10075 Arranged 'To Be Arranged'

BIOI 3270. Hematology.
No description available.
Fall BIOI3270 S12 17498 Arranged 'To Be Arranged'
Fall BIOI3270 S14 10076 Arranged 'To Be Arranged'
Fall BIOI3270 S22 17767 Arranged 'To Be Arranged'
Fall BIOI3270 S24 10077 Arranged 'To Be Arranged'

BIOI 3280. Allergy.
No description available.
Fall BIOI3280 S12 10078 Arranged 'To Be Arranged'
Fall BIOI3280 S22 10079 Arranged 'To Be Arranged'
Fall BIOI3280 S24 10080 Arranged 'To Be Arranged'
Spr BIOI3280 S34 20021 Arranged 'To Be Arranged'
BIOL 3290. Pulmonary Diseases.
No description available.
Fall BIOL3290 S12 10081 Arranged 'To Be Arranged'
Fall BIOL3290 S14 10082 Arranged 'To Be Arranged'
Fall BIOL3290 S24 10083 Arranged 'To Be Arranged'
Spr BIOL3290 S34 20022 Arranged 'To Be Arranged'

BIOL 3300. Pulmonary Diseases.
No description available.
Fall BIOL3300 S12 17963 Arranged 'To Be Arranged'
Fall BIOL3300 S14 10084 Arranged 'To Be Arranged'
Fall BIOL3300 S22 10085 Arranged 'To Be Arranged'
Fall BIOL3300 S24 10086 Arranged 'To Be Arranged'
Spr BIOL3300 S34 20023 Arranged 'To Be Arranged'

BIOL 3310. Pulmonary Diseases.
No description available.
Fall BIOL3310 S14 10087 Arranged 'To Be Arranged'
Fall BIOL3310 S22 17635 Arranged 'To Be Arranged'
Fall BIOL3310 S24 10088 Arranged 'To Be Arranged'
Spr BIOL3310 S34 20024 Arranged 'To Be Arranged'

No description available.

BIOL 3330. Subinternship in Medicine.
No description available.
Fall BIOL3330 S10 10089 Arranged 'To Be Arranged'
Fall BIOL3330 S14 10090 Arranged 'To Be Arranged'
Fall BIOL3330 S24 10091 Arranged 'To Be Arranged'
Spr BIOL3330 S34 20025 Arranged 'To Be Arranged'

BIOL 3331. Subinternship in Medicine - MH.
No description available.
Fall BIOL3331 S14 10092 Arranged 'To Be Arranged'
Fall BIOL3331 S24 10093 Arranged 'To Be Arranged'

BIOL 3332. Subinternship in Medicine - MHRI.
No description available.
Fall BIOL3332 S14 10094 Arranged 'To Be Arranged'
Fall BIOL3332 S24 10095 Arranged 'To Be Arranged'

BIOL 3333. Subinternship in Medicine - RH.
No description available.
Fall BIOL3333 S14 10096 Arranged 'To Be Arranged'
Fall BIOL3333 S24 10097 Arranged 'To Be Arranged'

BIOL 3334. Subinternship in Medicine - VAMC.
No description available.
Fall BIOL3334 S14 10098 Arranged 'To Be Arranged'
Fall BIOL3334 S24 10099 Arranged 'To Be Arranged'

BIOL 3340. Subinternship in Medical Intensive Care (MICU).
No description available.
Fall BIOL3340 S14 10100 Arranged 'To Be Arranged'
Fall BIOL3340 S24 10101 Arranged 'To Be Arranged'
Spr BIOL3340 S34 20026 Arranged 'To Be Arranged'

BIOL 3350. Subinternship in Critical Care Medicine.
No description available.
Fall BIOL3350 S14 10102 Arranged 'To Be Arranged'
Fall BIOL3350 S24 10103 Arranged 'To Be Arranged'
Spr BIOL3350 S34 20027 Arranged 'To Be Arranged'

No description available.
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Fall BIOL3370 S14 10105 Arranged 'To Be Arranged'
Fall BIOL3370 S24 10106 Arranged 'To Be Arranged'
Spr BIOL3370 S34 20028 Arranged 'To Be Arranged'

BIOL 3390. Psychiatry in Medical Practice.
No description available.
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Fall BIOL3390 S14 10108 Arranged 'To Be Arranged'
Fall BIOL3390 S15 10109 Arranged 'To Be Arranged'
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Fall BIOL3390 S24 10112 Arranged 'To Be Arranged'

BIOL 3400. Medical Consultation - OB/Gyn.
No description available.
Fall BIOL3400 S14 10113 Arranged 'To Be Arranged'
Fall BIOL3400 S24 10114 Arranged 'To Be Arranged'
Spr BIOL3400 S34 20029 Arranged 'To Be Arranged'

BIOL 3405. Medical Consult in OB/Gyn and Periop Med.
No description available.
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Fall BIOL3405 S14 10116 Arranged 'To Be Arranged'
Fall BIOL3405 S22 10117 Arranged 'To Be Arranged'
Fall BIOL3405 S23 10118 Arranged 'To Be Arranged'
Fall BIOL3405 S24 10119 Arranged 'To Be Arranged'
Spr BIOL3405 S34 20030 Arranged 'To Be Arranged'

BIOL 3410. Internal Medicine in the Dominican Republic.
No description available.
Fall BIOL3410 S24 10120 Arranged 'To Be Arranged'

BIOL 3415. Clinical Medicine in Nicaragua.
No description available.
Fall BIOL3415 S14 10121 Arranged 'To Be Arranged'

BIOL 3420. Physical Medicine + Rehabilitation.
No description available.
Fall BIOL3420 S14 10122 Arranged 'To Be Arranged'
Fall BIOL3420 S24 10123 Arranged 'To Be Arranged'

BIOL 3460. College Health Longitudinal.
No description available.

BIOL 3470. Issues Concerning Deaf Patients in Healthcare.
Students will gain understanding of the basics of communication with and among the Deaf, including ASL, lip-reading, current technologies, and the use of interpreters.

No description available.

BIOL 3490. Cardiology.
No description available.
Fall BIOL3490 S14 10124 Arranged 'To Be Arranged'
Fall BIOL3490 S22 10125 Arranged 'To Be Arranged'
Fall BIOL3490 S23 10126 Arranged 'To Be Arranged'
Fall BIOL3490 S24 10127 Arranged 'To Be Arranged'
Spr BIOL3490 S34 20031 Arranged 'To Be Arranged'

BIOL 3500. Cardiovascular Medicine - Outpatient and Inpatient Practice.
No description available.
Fall BIOL3500 S14 10128 Arranged 'To Be Arranged'
Fall BIOL3500 S22 17766 Arranged 'To Be Arranged'
Fall BIOL3500 S24 10129 Arranged 'To Be Arranged'
Spr BIOL3500 S34 20032 Arranged 'To Be Arranged'

BIOL 3505. Medical and Interventional Pain Management.
No description available.
Fall BIOL3505 S14 10130 Arranged 'To Be Arranged'
Fall BIOL3505 S24 10131 Arranged 'To Be Arranged'

BIOL 3510. Clinical Reasoning and Human Errors in Medicine.
No description available.
Fall BIOL3510 S14 10132 Arranged 'To Be Arranged'
Fall BIOL3510 S24 10133 Arranged 'To Be Arranged'
BIOL 3551. Advanced Clinical Mentorship in Renal.
No description available.
Fall BIOL3551 S21 10134 Arranged 'To Be Arranged'

BIOL 3552. Advanced Clinical Mentorship in Dermatology.
No description available.
Fall BIOL3552 S11 10135 Arranged 'To Be Arranged'

BIOL 3553. Advanced Clinical Mentorship in Cardiology.
No description available.
Fall BIOL3553 S12 10136 Arranged 'To Be Arranged'

BIOL 3554. Advanced Clinical Mentorship in Endocrinology.
No description available.
Fall BIOL3554 S21 10137 Arranged 'To Be Arranged'

BIOL 3555. Advanced Clinical Mentorship in Med/Peds Primary Care.
No description available.
Fall BIOL3555 S11 10138 Arranged 'To Be Arranged'

BIOL 3556. Advanced Clinical Mentorship in Infectious Disease.
No description available.
Fall BIOL3556 S21 10139 Arranged 'To Be Arranged'

BIOL 3557. Advanced Clinical Mentorship in Comprehensive HIV Care.
No description available.
Fall BIOL3557 S22 10140 Arranged 'To Be Arranged'

BIOL 3558. Advanced Clinical Mentorship in Adult Oncology.
No description available.
Fall BIOL3558 S21 10141 Arranged 'To Be Arranged'

BIOL 3559. Advanced Clinical Mentorship in Hematology/Oncology.
No description available.
Fall BIOL3559 S12 10142 Arranged 'To Be Arranged'
Fall BIOL3559 S21 10143 Arranged 'To Be Arranged'
Spr BIOL3559 S42 20033 Arranged 'To Be Arranged'

BIOL 3560. Advanced Clinical Mentorship in Pulmonary Disease.
No description available.
Fall BIOL3560 S11 10144 Arranged 'To Be Arranged'

BIOL 3561. Advanced Clinical Mentorship in Rheumatology.
No description available.
Fall BIOL3561 S12 10145 Arranged 'To Be Arranged'
Fall BIOL3561 S22 10146 Arranged 'To Be Arranged'

BIOL 3562. Advanced Clinical Mentorship in Internal Medicine.
No description available.
Fall BIOL3562 S11 10147 Arranged 'To Be Arranged'
Fall BIOL3562 S12 10148 Arranged 'To Be Arranged'
Fall BIOL3562 S21 10149 Arranged 'To Be Arranged'

BIOL 3563. Advanced Clinical Mentorship in Gastroenterology.
No description available.
Fall BIOL3563 S11 10150 Arranged 'To Be Arranged'

BIOL 3564. Advanced Clinical Mentorship in Functional Neurosurgery.
No description available.
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Fall BIOL3565 S22 10155 Arranged 'To Be Arranged'

BIOL 3566. Advanced Clinical Mentorship in Orthopedic Surgery.
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Fall BIOL3566 S21 10157 Arranged 'To Be Arranged'

BIOL 3567. Advanced Clinical Mentorship in Anesthesiology.
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Fall BIOL3567 S22 10159 Arranged 'To Be Arranged'

No description available.
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BIOL 3570. Advanced Clinical Mentorship in Pediatric Surgery.
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BIOL 3571. Advanced Clinical Mentorship in Urology.
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BIOL 3573. Advanced Clinical Mentorship in ENT.
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No description available.
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BIOL 3575. Advanced Clinical Mentorship in Pediatric Neurology.
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Fall BIOL3575 S12 10180 Arranged 'To Be Arranged'

No description available.
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BIOL 3577. Advanced Clinical Mentorship in OB/Gyn.
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BIOL 3578. Advanced Clinical Mentorship in Outpatient Psychiatry.
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BIOL 3580. Advanced Clinical Mentorship in Clinical Rehabilitation Medicine.
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BIOL 3691. System-Based Pharmacology.
No description available.

BIOL 3750. Neurology.
No description available.
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Fall BIOL3780 S14 10216 Arranged 'To Be Arranged'

BIOL 3785. Subinternship in Neurology.
No description available.
Fall BIOL3785 S14 17364 Arranged 'To Be Arranged'

BIOL 3790. Aging and Dementia.
No description available.
Fall BIOL3790 S12 10217 Arranged 'To Be Arranged'
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BIOL 3795. Elective Clerkship in Neurology.
No description available.
Fall BIOL3795 S14 10219 Arranged 'To Be Arranged'
Fall BIOL3795 S24 10220 Arranged 'To Be Arranged'

BIOL 3800. Neurosurgery.
No description available.
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BIOL 3815. Subinternship in Neurosurgery.
No description available.
Fall BIOL3815 S14 10226 Arranged 'To Be Arranged'
Fall BIOL3815 S15 10227 Arranged 'To Be Arranged'
Fall BIOL3815 S24 10228 Arranged 'To Be Arranged'

BIOL 3890. Culture, Patient, Advocacy and the Community.
This course focuses on the knowledge, skills, and attitudes required for effective patient advocacy with an emphasis on the role of culture in developing advocacy partnerships with patients, families, peers and community service providers. Specifically, it examines the relationships between race, ethnicity, social factors, economic factors and health status indicators. The course will provide opportunities to build self-awareness, to develop greater insight into the social and community contexts of health care and patient advocacy, and to refine physician-patient communication skills.

Six weeks.
Fall BIOL3900 S01 10229 Arranged 'To Be Arranged'
Fall BIOL3900 S02 10230 Arranged 'To Be Arranged'
Spr BIOL3900 S03 20052 Arranged 'To Be Arranged'

No description available.
Fall BIOL3905 S14 10231 Arranged 'To Be Arranged'

BIOL 3910. Introduction to Surgical Oncology.
No description available.
Fall BIOL3910 S12 10232 Arranged 'To Be Arranged'
Fall BIOL3910 S13 17421 Arranged 'To Be Arranged'
Fall BIOL3910 S14 10233 Arranged 'To Be Arranged'
Fall BIOL3910 S24 10234 Arranged 'To Be Arranged'
Spr BIOL3910 S34 20053 Arranged 'To Be Arranged'

BIOL 3915. Clerkship in Surgery - LIC.
No description available.

BIOL 3920. Surgery of the Alimentary Tract.
No description available.
Fall BIOL3920 S14 10235 Arranged 'To Be Arranged'
Fall BIOL3920 S22 10236 Arranged 'To Be Arranged'
Fall BIOL3920 S24 10237 Arranged 'To Be Arranged'

BIOL 3930. Physical Medicine and Rehabilitation.
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Fall BIOL3930 S14 10239 Arranged 'To Be Arranged'
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BIOL 3950. Outpatient Management of Musculoskeletal Problems.
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Fall BIOL3950 S14 10246 Arranged 'To Be Arranged'
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Fall BIOL3950 S24 10248 Arranged 'To Be Arranged'
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BIOL 3960. Orthopedic Surgery.
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BIOL 3965. Physical Medicine and Rehabilitation (PM&R): Outpatient.
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Fall BIOL3965 S14 10251 Arranged 'To Be Arranged'
Fall BIOL3965 S24 17500 Arranged 'To Be Arranged'

BIOL 3970. Orthopedic Surgery in the Community.
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BIOL 3975. Primary Care Orthopedics.
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<td>BIOL 4012</td>
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<td>BIOL 4013</td>
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<td>Subinternship in Cardiovascular Surgery</td>
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<td>BIOL 4170</td>
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BIOL 4185. Subinternship in Surgical Oncology.
No description available.
Fall BIOL4185 S14 10320 Arranged 'To Be Arranged'
Fall BIOL4185 S24 10321 Arranged 'To Be Arranged'

No description available.
Fall BIOL4190 S14 10322 Arranged 'To Be Arranged'
Fall BIOL4190 S24 10323 Arranged 'To Be Arranged'
Spr BIOL4190 S34 20068 Arranged 'To Be Arranged'

BIOL 4195. Subinternship in Colon and Rectal Surgery.
No description available.
Fall BIOL4195 S14 10324 Arranged 'To Be Arranged'
Fall BIOL4195 S24 10325 Arranged 'To Be Arranged'

No description available.
Fall BIOL4197 S14 10326 Arranged 'To Be Arranged'
Fall BIOL4197 S24 17636 Arranged 'To Be Arranged'

BIOL 4210. Otorhinolaryngology.
No description available.
Fall BIOL4210 S12 10327 Arranged 'To Be Arranged'
Fall BIOL4210 S14 10328 Arranged 'To Be Arranged'
Fall BIOL4210 S21 10329 Arranged 'To Be Arranged'
Fall BIOL4210 S22 10330 Arranged 'To Be Arranged'
Fall BIOL4210 S24 10331 Arranged 'To Be Arranged'
Spr BIOL4210 S24 20069 Arranged 'To Be Arranged'
Spr BIOL4210 S34 20070 Arranged 'To Be Arranged'

No description available.

BIOL 4230. Nutrition and Nutritional Support.
No description available.
Fall BIOL4230 S12 10332 Arranged 'To Be Arranged'
Fall BIOL4230 S22 10333 Arranged 'To Be Arranged'

BIOL 4240. Ambulatory Plastic Surgery.
No description available.

BIOL 4250. Trauma.
No description available.
Fall BIOL4250 S14 10334 Arranged 'To Be Arranged'
Fall BIOL4250 S22 10335 Arranged 'To Be Arranged'
Fall BIOL4250 S24 10336 Arranged 'To Be Arranged'
Spr BIOL4250 S33 20071 Arranged 'To Be Arranged'

BIOL 4270. Subinternship in Cardiac Surgery.
No description available.
Fall BIOL4270 S12 10337 Arranged 'To Be Arranged'
Fall BIOL4270 S14 10338 Arranged 'To Be Arranged'
Fall BIOL4270 S24 10339 Arranged 'To Be Arranged'

BIOL 4280. Introduction to Thoracic Surgery.
No description available.
Fall BIOL4280 S14 10340 Arranged 'To Be Arranged'
Fall BIOL4280 S24 10341 Arranged 'To Be Arranged'

BIOL 4285. 4th Year Surgery Boot Camp.
No description available.

BIOL 4290. Surgical Endoscopy in Managua Nicaragua.
No description available.

BIOL 4300. Orofacial Surgery.
No description available.
Fall BIOL4300 S12 10342 Arranged 'To Be Arranged'
Fall BIOL4300 S13 10343 Arranged 'To Be Arranged'
Fall BIOL4300 S14 10344 Arranged 'To Be Arranged'
Fall BIOL4300 S22 10345 Arranged 'To Be Arranged'
Fall BIOL4300 S24 10346 Arranged 'To Be Arranged'
Spr BIOL4300 S24 20072 Arranged 'To Be Arranged'

Six weeks.
Fall BIOL4500 S01 10347 Arranged 'To Be Arranged'
Fall BIOL4500 S02 10348 Arranged 'To Be Arranged'
Spr BIOL4500 S03 20073 Arranged 'To Be Arranged'

No description available.
Fall BIOL4510 S12 10349 Arranged 'To Be Arranged'
Fall BIOL4510 S14 10350 Arranged 'To Be Arranged'
Fall BIOL4510 S24 10351 Arranged 'To Be Arranged'

BIOL 4515. Clerkship in Pediatrics - LIC.
No description available.
Fall BIOL4530 S12 10357 Arranged 'To Be Arranged'
Fall BIOL4530 S14 17422 Arranged 'To Be Arranged'
Fall BIOL4530 S22 10358 Arranged 'To Be Arranged'

No description available.
Fall BIOL4540 S12 10359 Arranged 'To Be Arranged'
Fall BIOL4540 S14 10360 Arranged 'To Be Arranged'
Fall BIOL4540 S22 10361 Arranged 'To Be Arranged'
Fall BIOL4540 S24 10362 Arranged 'To Be Arranged'
Fall BIOL4540 S24 10363 Arranged 'To Be Arranged'
Spr BIOL4540 S32 20075 Arranged 'To Be Arranged'

BIOL 4550. Adolescent Medicine.
No description available.
Fall BIOL4550 S12 10364 Arranged 'To Be Arranged'
Fall BIOL4550 S13 10365 Arranged 'To Be Arranged'
Fall BIOL4550 S14 10366 Arranged 'To Be Arranged'
Fall BIOL4550 S22 10367 Arranged 'To Be Arranged'
Fall BIOL4550 S23 10368 Arranged 'To Be Arranged'
Fall BIOL4550 S24 10369 Arranged 'To Be Arranged'
Spr BIOL4550 S34 20076 Arranged 'To Be Arranged'

BIOL 4560. Pediatric Cardiology.
No description available.
Fall BIOL4560 S14 10370 Arranged 'To Be Arranged'
Fall BIOL4560 S24 10371 Arranged 'To Be Arranged'
Spr BIOL4560 S34 20077 Arranged 'To Be Arranged'

BIOL 4570. Pediatric Infectious Diseases.
No description available.
Fall BIOL4570 S12 10372 Arranged 'To Be Arranged'
Fall BIOL4570 S14 10373 Arranged 'To Be Arranged'
Fall BIOL4570 S24 10374 Arranged 'To Be Arranged'
Spr BIOL4570 S34 20078 Arranged 'To Be Arranged'

BIOL 4580. Pediatric Endocrinology.
No description available.
Fall BIOL4580 S14 10375 Arranged 'To Be Arranged'
Fall BIOL4580 S24 10376 Arranged 'To Be Arranged'
Spr BIOL4580 S34 20079 Arranged 'To Be Arranged'

No description available.
BIOL 4600. Pediatric Neurorehabilitation.
No description available.
Fall BIOL4600 S12 10377 Arranged "To Be Arranged"
Fall BIOL4600 S22 10378 Arranged "To Be Arranged"
Fall BIOL4600 S24 10379 Arranged "To Be Arranged"
Spr BIOL4600 S32 20080 Arranged "To Be Arranged"

BIOL 4620. Subinternship in Perinatal Medicine (NICU).
No description available.
Fall BIOL4620 S14 10380 Arranged "To Be Arranged"
Fall BIOL4620 S24 10381 Arranged "To Be Arranged"

No description available.
Fall BIOL4630 S14 10382 Arranged "To Be Arranged"
Fall BIOL4630 S24 10383 Arranged "To Be Arranged"
Spr BIOL4630 S34 20081 Arranged "To Be Arranged"

BIOL 4640. Subinternship in Pediatric Critical Care.
No description available.
Fall BIOL4640 S14 10384 Arranged "To Be Arranged"
Fall BIOL4640 S24 10385 Arranged "To Be Arranged"
Spr BIOL4640 S34 20082 Arranged "To Be Arranged"

No description available.
Fall BIOL4650 S11 10386 Arranged "To Be Arranged"
Fall BIOL4650 S12 10387 Arranged "To Be Arranged"
Fall BIOL4650 S14 10388 Arranged "To Be Arranged"
Fall BIOL4650 S21 10389 Arranged "To Be Arranged"
Fall BIOL4650 S22 10390 Arranged "To Be Arranged"
Fall BIOL4650 S24 10391 Arranged "To Be Arranged"

BIOL 4670. Pediatrics in a Developing Country: Cambodia.
No description available.

BIOL 4680. Subinternship in Pediatric Hematology-Oncology.
No description available.
Fall BIOL4680 S14 10392 Arranged "To Be Arranged"
Fall BIOL4680 S24 10393 Arranged "To Be Arranged"

BIOL 4900. Core Clerkship in Obstetrics and Gynecology.
Six weeks.
Fall BIOL4900 S01 10394 Arranged "To Be Arranged"
Fall BIOL4900 S02 10395 Arranged "To Be Arranged"
Spr BIOL4900 S03 20083 Arranged "To Be Arranged"

BIOL 4905. Individualized Clerkship in Ob/Gyn.
No description available.

BIOL 4910. Subinternship in Maternal Fetal Medicine.
No description available.
Fall BIOL4910 S14 10396 Arranged "To Be Arranged"
Fall BIOL4910 S24 10397 Arranged "To Be Arranged"
Spr BIOL4910 S34 20084 Arranged "To Be Arranged"

BIOL 4915. Clerkship in OB/Gyn - LIC.
No description available.

BIOL 4920. Subinternship in Urogynecology + Reconstructive Pelvic Surgery.
No description available.
Fall BIOL4920 S14 10398 Arranged "To Be Arranged"
Fall BIOL4920 S24 10399 Arranged "To Be Arranged"

BIOL 4940. Reproductive Endocrinology and Infertility.
No description available.
Fall BIOL4940 S12 10400 Arranged "To Be Arranged"
Fall BIOL4940 S14 10401 Arranged "To Be Arranged"
Fall BIOL4940 S22 10402 Arranged "To Be Arranged"
Fall BIOL4940 S24 10403 Arranged "To Be Arranged"
Spr BIOL4940 S34 20085 Arranged "To Be Arranged"

BIOL 4950. Subinternship in Gynecologic Oncology and Pelvic Surgery.
No description available.
Fall BIOL4950 S12 10404 Arranged "To Be Arranged"
Fall BIOL4950 S14 10405 Arranged "To Be Arranged"
Fall BIOL4950 S22 10406 Arranged "To Be Arranged"
Fall BIOL4950 S24 10407 Arranged "To Be Arranged"
Spr BIOL4950 S34 20086 Arranged "To Be Arranged"

BIOL 4955. Subinternship in Women’s Ambulatory Ob-Gyn.
No description available.
Fall BIOL4955 S14 10408 Arranged "To Be Arranged"
Fall BIOL4955 S24 10409 Arranged "To Be Arranged"

BIOL 4960. Women’s Reproductive Health Topics.
No description available.
Fall BIOL4960 S14 10410 Arranged "To Be Arranged"
Fall BIOL4960 S24 10411 Arranged "To Be Arranged"

BIOL 4970. Breast Disease.
No description available.
Fall BIOL4970 S13 17502 Arranged "To Be Arranged"
Fall BIOL4970 S14 10412 Arranged "To Be Arranged"
Fall BIOL4970 S22 10413 Arranged "To Be Arranged"
Fall BIOL4970 S24 10414 Arranged "To Be Arranged"

BIOL 4975. Gynecologic and Breast Pathology.
No description available.
Fall BIOL4975 S12 10415 Arranged "To Be Arranged"
Fall BIOL4975 S14 10416 Arranged "To Be Arranged"
Fall BIOL4975 S22 10417 Arranged "To Be Arranged"
Fall BIOL4975 S24 10418 Arranged "To Be Arranged"
Spr BIOL4975 S32 20087 Arranged "To Be Arranged"

BIOL 4980. Patients with Women’s Cancers.
No description available.
Fall BIOL4980 S14 10419 Arranged "To Be Arranged"
Fall BIOL4980 S22 10420 Arranged "To Be Arranged"
Fall BIOL4980 S24 10421 Arranged "To Be Arranged"
Spr BIOL4980 S34 20088 Arranged "To Be Arranged"

BIOL 4990. Clinical Cancer Genetics.
No description available.
Fall BIOL4990 S24 10422 Arranged "To Be Arranged"
Spr BIOL4990 S33 20089 Arranged "To Be Arranged"

BIOL 5100. Core Clerkship in Psychiatry.
Six weeks.
Fall BIOL5100 S01 10423 Arranged "To Be Arranged"
Fall BIOL5100 S02 10424 Arranged "To Be Arranged"
Spr BIOL5100 S03 20090 Arranged "To Be Arranged"

BIOL 5105. Individualized Clerkship in Psychiatry.
No description available.

BIOL 5110. Subinternship in Psychiatry.
No description available.
Fall BIOL5110 S14 10425 Arranged "To Be Arranged"
Fall BIOL5110 S24 10426 Arranged "To Be Arranged"
Spr BIOL5110 S34 20091 Arranged "To Be Arranged"

BIOL 5130. Addiction Psychiatry.
No description available.
Fall BIOL5130 S12 10427 Arranged "To Be Arranged"
Fall BIOL5130 S13 10428 Arranged "To Be Arranged"
Fall BIOL5130 S14 10429 Arranged "To Be Arranged"
Fall BIOL5130 S22 17637 Arranged "To Be Arranged"
Fall BIOL5130 S24 10430 Arranged "To Be Arranged"
Spr BIOL5130 S34 20082 Arranged "To Be Arranged"
No description available.
Fall BIOL5140 S14 10431 Arranged 'To Be Arranged'
Fall BIOL5140 S24 10432 Arranged 'To Be Arranged'

BIOL 5150. Neuropsychiatry and Behavioral Neurology.
No description available.
Fall BIOL5150 S14 10433 Arranged 'To Be Arranged'
Fall BIOL5150 S22 10434 Arranged 'To Be Arranged'
Fall BIOL5150 S24 10435 Arranged 'To Be Arranged'

BIOL 5160. Women's Mental Health Elective.
No description available.
Fall BIOL5160 S12 17589 Arranged 'To Be Arranged'
Fall BIOL5160 S14 17536 Arranged 'To Be Arranged'
Fall BIOL5160 S24 17638 Arranged 'To Be Arranged'

No description available.
Fall BIOL5210 S12 10436 Arranged 'To Be Arranged'
Fall BIOL5210 S14 10437 Arranged 'To Be Arranged'
Fall BIOL5210 S22 10438 Arranged 'To Be Arranged'
Fall BIOL5210 S24 10439 Arranged 'To Be Arranged'

No description available.
Fall BIOL5220 S12 10440 Arranged 'To Be Arranged'
Fall BIOL5220 S24 10441 Arranged 'To Be Arranged'
Spr BIOL5220 S34 20093 Arranged 'To Be Arranged'

No description available.
Fall BIOL5230 S12 10442 Arranged 'To Be Arranged'
Fall BIOL5230 S24 17639 Arranged 'To Be Arranged'

BIOL 5240. Healthcare for Homeless Communities.
No description available.

BIOL 5270. Psychiatry of Late Life.
No description available.
Fall BIOL5270 S22 10443 Arranged 'To Be Arranged'
Fall BIOL5270 S24 10444 Arranged 'To Be Arranged'

BIOL 5300. Clerkship in Psychiatry-Clinical Neuroscience.
Six weeks.
Fall BIOL5300 S01 10445 Arranged 'To Be Arranged'
Fall BIOL5300 S02 10446 Arranged 'To Be Arranged'

BIOL 5315. Clerkship in Psychiatry.
No description available.
Fall BIOL5315 S01 10447 Arranged 'To Be Arranged'
Fall BIOL5315 S02 10448 Arranged 'To Be Arranged'

BIOL 5320. Clerkship in Psychiatry - LIC.
No description available.
Fall BIOL5320 S01 10449 Arranged 'To Be Arranged'
Fall BIOL5320 S02 10450 Arranged 'To Be Arranged'

BIOL 5325. Clerkship in Neurology.
No description available.
Fall BIOL5325 S01 10449 Arranged 'To Be Arranged'
Fall BIOL5325 S02 10450 Arranged 'To Be Arranged'

BIOL 5330. Clerkship in Neurology - LIC.
No description available.

BIOL 5400. Core Clerkship in Community Health.
Six weeks.
Fall BIOL5400 S01 10451 Arranged 'To Be Arranged'
Fall BIOL5400 S02 10452 Arranged 'To Be Arranged'

BIOL 5460. Physical Medicine and Rehabilitation.
No description available.
Fall BIOL5460 S23 10453 Arranged 'To Be Arranged'
Fall BIOL5460 S24 10454 Arranged 'To Be Arranged'

BIOL 5480. Rural Community Medicine.
No description available.
Fall BIOL5480 S12 10455 Arranged 'To Be Arranged'
Fall BIOL5480 S14 10456 Arranged 'To Be Arranged'
Fall BIOL5480 S22 10457 Arranged 'To Be Arranged'
Fall BIOL5480 S24 10458 Arranged 'To Be Arranged'

BIOL 5490. Geriatrics and Rehabilitation.
No description available.
Fall BIOL5490 S12 10459 Arranged 'To Be Arranged'
Fall BIOL5490 S14 10460 Arranged 'To Be Arranged'
Fall BIOL5490 S24 10461 Arranged 'To Be Arranged'
Spr BIOL5490 S34 20094 Arranged 'To Be Arranged'

BIOL 5510. Introduction to the Basic Science Curriculum in the Medical School.
The preclinical elective is designed for PLME students who will enter the Alpert Medical School. The seminar series provides perspectives on teaching and learning in the Alpert Medical School—with a specific focus on understanding how the basic sciences are addressed in lectures and in the laboratory.

BIOL 5525. Medical French Elective.
No description available.

BIOL 5530. College Student Health.
No description available.

BIOL 5540. Controversies in Health Care Policy.
No description available.

BIOL 5560. Law and Medicine.
No description available.

BIOL 5570. Elective in San Lucas Toliman, Guatemala.
No description available.

BIOL 5580. Frontier Nursing Service, Mary Breckinridge Hospital.
No description available.

BIOL 5590. Mississippi Family Health Center.
No description available.

BIOL 5600. Rural Family Practice.
No description available.
Fall BIOL5600 S12 10462 Arranged 'To Be Arranged'
Fall BIOL5600 S23 10463 Arranged 'To Be Arranged'

No description available.
Fall BIOL5620 S14 10464 Arranged 'To Be Arranged'
Fall BIOL5620 S24 10465 Arranged 'To Be Arranged'
Spr BIOL5620 S34 20095 Arranged 'To Be Arranged'

BIOL 5630. Emergency Medicine.
No description available.
Fall BIOL5630 S12 10466 Arranged 'To Be Arranged'
Fall BIOL5630 S14 10467 Arranged 'To Be Arranged'
Fall BIOL5630 S22 10468 Arranged 'To Be Arranged'
Fall BIOL5630 S24 10469 Arranged 'To Be Arranged'
Spr BIOL5630 S32 20096 Arranged 'To Be Arranged'
Spr BIOL5630 S34 20097 Arranged 'To Be Arranged'

BIOL 5640. Point of Care Ultrasound.
No description available.
Fall BIOL5640 S14 17423 Arranged 'To Be Arranged'

No description available.
Fall BIOL5650 S14 10470 Arranged 'To Be Arranged'
Fall BIOL5650 S22 10471 Arranged 'To Be Arranged'
Fall BIOL5650 S23 10472 Arranged 'To Be Arranged'
Fall BIOL5650 S24 10473 Arranged 'To Be Arranged'
Spr BIOL5650 S34 20098 Arranged 'To Be Arranged'

BIOL 5660. Wilderness and Environmental Medicine.
No description available.
BIOL 5690. Spirituality and Medicine.
No description available.

BIOL 5700. Bridging the Bench and Bedside.
No description available.

BIOL 5730. Introduction to Medical Portuguese.
No description available.

BIOL 5795. Clerkship in Family Medicine - LIC.
No description available.

BIOL 5800. Core Clerkship in Family Medicine.
Six weeks.
Fall BIOL5800 S01 10474 Arranged 'To Be Arranged'
Fall BIOL5800 S02 10475 Arranged 'To Be Arranged'
Spr BIOL5800 S03 20099 Arranged 'To Be Arranged'

BIOL 5805. Individualized Clerkship in Family Medicine.
No description available.

No description available.
Fall BIOL5810 S13 10476 Arranged 'To Be Arranged'
Fall BIOL5810 S14 10477 Arranged 'To Be Arranged'
Fall BIOL5810 S24 10478 Arranged 'To Be Arranged'
Spr BIOL5810 S34 20100 Arranged 'To Be Arranged'

BIOL 5815. Subinternship in Maternal and Child Health.
No description available.
Fall BIOL5815 S14 10479 Arranged 'To Be Arranged'
Fall BIOL5815 S24 10480 Arranged 'To Be Arranged'

BIOL 5820. Elective in Family Medicine.
No description available.
Fall BIOL5820 S12 10481 Arranged 'To Be Arranged'
Fall BIOL5820 S14 10482 Arranged 'To Be Arranged'
Fall BIOL5820 S22 10483 Arranged 'To Be Arranged'
Fall BIOL5820 S24 10484 Arranged 'To Be Arranged'
Spr BIOL5820 S32 20101 Arranged 'To Be Arranged'

BIOL 5830. Free Clinic Preceptorship.
No description available.

BIOL 5850. Primary Care Sports Medicine.
No description available.
Fall BIOL5850 S12 10485 Arranged 'To Be Arranged'
Fall BIOL5850 S14 10486 Arranged 'To Be Arranged'
Fall BIOL5850 S22 10487 Arranged 'To Be Arranged'
Fall BIOL5850 S24 10488 Arranged 'To Be Arranged'
Spr BIOL5850 S34 20102 Arranged 'To Be Arranged'

BIOL 5870. Subinternship in Family Medicine.
No description available.
Fall BIOL5870 S14 10489 Arranged 'To Be Arranged'
Fall BIOL5870 S24 10490 Arranged 'To Be Arranged'

BIOL 5880. Clinical Skills Clerkship Teaching Academy.
No description available.

BIOL 5885. Clinical Skills Clerkship.
No description available.
Fall BIOL5885 S01 10491 Arranged 'To Be Arranged'
Fall BIOL5885 S11 17359 Arranged 'To Be Arranged'

BIOL 5895. Medical Spanish.
No description available.
Fall BIOL5895 S14 10492 Arranged 'To Be Arranged'
Fall BIOL5895 S18 10493 Arranged 'To Be Arranged'
Fall BIOL5895 S22 10494 Arranged 'To Be Arranged'
Fall BIOL5895 S25 17764 Arranged 'To Be Arranged'
Fall BIOL5895 S28 17765 Arranged 'To Be Arranged'

BIOL 5900. Art and Medicine Seminar.
No description available.

BIOL 5920. Public Health and Primary Care in Rural Honduras.
No description available.
Fall BIOL5920 S11 10495 Arranged 'To Be Arranged'

BIOL 5990. Internship Preparation Elective.
No description available.

BIOL 6010. Human Anatomy.
No description available.
Fall BIOL6010 S14 17368 Arranged 'To Be Arranged'
Spr BIOL6010 S34 20103 Arranged 'To Be Arranged'

BIOL 6110. Applied Pathology.
No description available.
Fall BIOL6110 S12 10496 Arranged (S. Mangray)
Fall BIOL6110 S13 10497 Arranged 'To Be Arranged'
Fall BIOL6110 S14 10498 Arranged 'To Be Arranged'
Fall BIOL6110 S22 10499 Arranged 'To Be Arranged'
Fall BIOL6110 S24 10500 Arranged 'To Be Arranged'
Spr BIOL6110 S32 20104 Arranged 'To Be Arranged'
Spr BIOL6110 S34 20105 Arranged 'To Be Arranged'

BIOL 6120. Research in Perinatal/Pediatric Pathology.
No description available.
Fall BIOL6120 S22 10501 Arranged 'To Be Arranged'
Spr BIOL6120 S34 20106 Arranged 'To Be Arranged'

BIOL 6140. Seminar in Clinical Pathological, Developmental and Pediatric Pathology.
No description available.
Fall BIOL6140 S11 10502 Arranged 'To Be Arranged'
Fall BIOL6140 S12 10503 Arranged 'To Be Arranged'
Fall BIOL6140 S14 10504 Arranged 'To Be Arranged'
Fall BIOL6140 S22 10505 Arranged 'To Be Arranged'
Fall BIOL6140 S24 10506 Arranged 'To Be Arranged'
Spr BIOL6140 S32 20107 Arranged 'To Be Arranged'
Spr BIOL6140 S34 20108 Arranged 'To Be Arranged'

BIOL 6150. Neuropathology.
No description available.
Fall BIOL6150 S12 17424 Arranged 'To Be Arranged'
Fall BIOL6150 S22 10507 Arranged 'To Be Arranged'
Fall BIOL6150 S24 17640 Arranged 'To Be Arranged'

BIOL 6260. Radiation Oncology in a Private Practice Setting.
No description available.
Fall BIOL6260 S22 10508 Arranged 'To Be Arranged'
Spr BIOL6260 S32 20109 Arranged 'To Be Arranged'

BIOL 6280. Diagnostic Radiology and Nuclear Medicine.
No description available.
Fall BIOL6280 S12 10509 Arranged 'To Be Arranged'
Fall BIOL6280 S22 10510 Arranged 'To Be Arranged'
Spr BIOL6280 S32 20110 Arranged 'To Be Arranged'
Spr BIOL6280 S34 20111 Arranged 'To Be Arranged'

BIOL 6290. Diagnostic Radiology.
No description available.
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Fall BIOL6290 S13 10512 Arranged 'To Be Arranged'
Fall BIOL6290 S14 10513 Arranged 'To Be Arranged'
Fall BIOL6290 S22 10514 Arranged 'To Be Arranged'
Fall BIOL6290 S23 10515 Arranged 'To Be Arranged'
Fall BIOL6290 S24 10516 Arranged 'To Be Arranged'
Spr BIOL6290 S32 20112 Arranged 'To Be Arranged'
Spr BIOL6290 S34 20113 Arranged 'To Be Arranged'
Students will attain a working knowledge of Chinese relevant to medical practice in order to better communicate with and serve Chinese-speaking students.

BIOL 6501. Medical Chinese Elective

No description available.

BIOL 6390. Intro to Women's Diagnostic Imaging

No description available.

BIOL 6380. Pediatric Radiology

No description available.

BIOL 6360. Neuroradiology

No description available.

BIOL 6330. Body Imaging and Intervention

No description available.

BIOL 6320. Vascular and Interventional Radiology

No description available.

BIOL 6310. Subinternship in Interventional Radiology

No description available.

BIOL 6300. Nuclear Medicine Preceptorship

No description available.

BIOL 6400. Radiation Oncology

No description available.

BIOL 6391. Radiology Grand Rounds

To Be Arranged

BIOL 6392. Radiology Grand Rounds

To Be Arranged

BIOL 6393. Radiology Grand Rounds

To Be Arranged

BIOL 6394. Radiology Grand Rounds

To Be Arranged

BIOL 6395. Radiology Grand Rounds

To Be Arranged

BIOL 6396. Radiology Grand Rounds

To Be Arranged

BIOL 6397. Radiology Grand Rounds

To Be Arranged

BIOL 6398. Radiology Grand Rounds

To Be Arranged

BIOL 6399. Radiology Grand Rounds

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No description available.

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**Medical Education**

**MED 2010. Health Systems and Policy I.**
This course will explore how multiple social determinants influence individual and population health; the laws and policies that shape the social environments in which patients live; and the role of physicians in advocating for systems and policy changes that will reduce health disparities and improve population health outcomes.

**MED 2030. Research Methods in Population Medicine.**
The thesis requirement for the Master of Science degree in Population Medicine is an integral component of the Primary Care-Population Medicine program at Brown University. This course well have students develop and demonstrate the necessary research skills to formulate a population medicine research question and then design, conduct and write a manuscript presenting a research study that will satisfy the thesis requirements. The course itself has three parts:
An introductory primary on biostatistics A research methodology seminar series A journal club in which the biostatistics and research methodology will be integrated in the analysis and critique of studies related to population medicine

**MED 2040. Health Systems and Policy II.**
This course will offer an overview of the critical issues in U.S. healthcare and public health policy. It will also provide future leaders in population medicine with a foundation for analyzing healthcare reform and public health efforts and for identifying the role of physicians in driving and shaping future policy reforms to improve the healthcare system and population health.

**MED 2050. Seminar in Health Policy and Law.**
This seminar will offer an overview of the critical issues in health policy and law. It will also provide future leaders in population medicine with a foundation for analyzing health policy and law reforms to improve the healthcare system and population health.
MED 2045. Quantitative Reasoning.
This course introduces students to fundamental concepts in clinical epidemiology and basic statistics, as they relate to population and clinical research. This course is intended to teach students both the basic knowledge required to develop and interpret clinical studies as well as the skills in order to conduct basic statistical analyses.
Fall MED2045 S01 17436 Arranged (D. Anthony)

MED 2046. Leadership in Health Care.
This course emphasizes practical application of teamwork and leadership skills across multiple settings. Leadership in Health Care is a master’s level course for second-year medical students enrolled in the Primary Care-Population Medicine (PC-PM) program. Through interactive classroom sessions, field work in health care advocacy, and a team-based “leadership action project”, students will develop foundational leadership skills. The first formal leadership course at Alpert Medical School, Leadership in Health Care will contribute to the PC-PM program’s ultimate goal of preparing physician leaders who will improve the quality of health care and wellness of the population.
Fall MED2046 S01 17450 To Be Arranged

MED 2050. Population and Clinical Medicine I.
This is the first semester of Population and Clinical Medicine, a two-semester course focused on the integration of population medicine and clinical practice. In this course, students will focus on topics integral to clinical medicine, but expand beyond the patient into the population and beyond. Given the importance of population health interventions for impacting the health of vulnerable and underserved patients, the course will focus on issues affecting these populations.
Fall MED2050 S01 17477 Arranged (G. Anandarajah)

MED 2060. Population and Clinical Medicine II.
This is the second semester of Population and Clinical Medicine, a two-semester course focused on the integration of population medicine and clinical practice. In this course, students will focus on topics integral to clinical medicine, but expand beyond the patient into the population and beyond. Given the importance of population health interventions for impacting the health of vulnerable and underserved patients, the course will focus on issues affecting these populations.
Fall MED2060 S01 17479 Arranged (G. Anandarajah)

MED 2110. Introduction to Medical Sciences and Patient Care.
This 2-week intensive course introduces students to the wide variety of topics explored in the Master’s of Medical Sciences program, with a focus on patient care aspects. The course combines seminar classroom instruction with field work/immersion at community healthcare sites. Topics covered include: biopsychosocial model of healthcare; intersection between science, social science and humanities in healthcare; introduction to community health centers; professionalism in healthcare; basic healthcare communication skills; quality improvement skills; and strategies for mastery of basic science knowledge. Students will be assessed using multiple methods including: seminar participation, reflective essays/field notes, attendance at field-work sites, & assessment from community mentors.
Fall MED2110 S01 17393 Arranged (G. Anandarajah)

MED 2120. Patient Care in Complex Systems I.
This is the second of a three course series for Master of Medical Sciences students. This course introduces students to the variety of complex factors affecting health, imparting both theoretical knowledge and practical skills. Teaching methods: interactive seminars and experiential learning at community healthcare sites with members of multidisciplinary teams. Topics covered: healthcare systems, social determinants of health, roles of interdisciplinary healthcare team members, quality improvement, and epidemiology. Students will begin developing a project at their clinical sites which will be implemented in spring semester. Student assessment includes: seminar participation, reflective essays, attendance at field-work sites, and assessment from community mentors. Pre Requisites: MED 2110
Fall MED2120 S01 17394 Arranged (G. Anandarajah)

MED 2130. Patient Care in Complex Systems II.
This is the third of a 3 course sequence for Master of Medical Science students. Students will continue their study of both theoretical and practical aspects of healthcare through an interactive seminar series, continued service learning at their longitudinal community healthcare site, and completion of their community project. Seminar topics: care of vulnerable populations, environmental health, population health, new models of healthcare delivery, ethical issues in healthcare, whole-person health, cultural humility, complementary and alternative medicine, and patient advocacy. Students assessment includes: seminar participation, reflective essays, attendance at field work sites, assessment from community mentors, and quality of project and presentation. Pre Requisites: MED 2110 and MED 2120.
Spr MED2130 S01 25914 Arranged (G. Anandarajah)

MED 2140. Human Histology.
Human Histology provides an in-depth examination of the basic architecture of the body. Fundamental to this understanding is the cell and how during early development cells in the aggregate undergo specialization as tissues, which are the building blocks of the body. This course focuses first on the biology of the four basic tissues (epithelium, connective tissue, muscle and nerve) and second, how they contribute to the functional anatomy of all organs and systems. We will emphasize characteristic developmental, structure-function and regulatory relationships within normal cells and tissues, which in turn are the foundation for the understanding of pathological alteration.
Fall MED2140 S01 17395 Arranged (J. Ou)

MED 2150. General Pathology.
Pathology is the study of the causes, mechanisms, and consequences of disease. In General Pathology students study in detail the cell and tissue alterations that lead to the production of human diseases. To uncover such alterations, morphological observations are correlated with studies involving molecular biology, biochemistry, and genetics. In studying the pathogenesis of human disease we pay close attention to epidemiological parameters, population health, aging, and to environmental and occupational health problems. General Pathology been integrated, whenever possible, with other courses in the Fall Semester of the Gateways Program, in order to maximize learning opportunities.
Fall MED2150 S01 17398 Arranged (L. Dumenco)

MED 2160. Human Anatomy 1.
This course explores the anatomical organization of the human body, viewing anatomical structures as a product of development and functional demand. Human Anatomy provides an opportunity for students of diverse backgrounds, interests, and goals to emerge with an understanding of the human body as a cornerstone of medical science. The course uses a combination of lectures, on-line modules, and mandatory laboratory sessions examining human cadaver prosections, to impart broad conceptual and in-depth knowledge of this subject.
Fall MED2160 S01 17399 Arranged (E. Brainerd)

MED 2170. Scientific Foundations of Medicine.
Scientific Foundations of Medicine is an integrated cross-disciplinary course that introduces the fundamental basic science principles relevant to the study of health, disease mechanisms and clinical medicine. As such the course consists of six blocks of core topics that incorporate foundational principles of molecular biology, cellular and metabolic biochemistry, nutritional science, cell physiology, inheritance patterns, mechanisms of genetic disorders, and immunology. Grounding in these scientific principles gives students insight into the biological complexity and genetic diversity that underlies disease processes.
Fall MED2170 S01 17400 Arranged To Be Arranged

The Warren Alpert Medical School of Brown University
MED 2180. Brain Sciences and Neurological Disease.
Brain Sciences is composed of several interrelated components - Head Anatomy, Neurobiology, Neuropathophysiology, Neuropathology and Neuropharmacology. The intent of the course is to encourage the integration of underlying neuroanatomy and basic science principles with an understanding of the presentation and management of neurological diseases. Course leaders from each of these disciplines have worked closely together in order to present the material in a cohesive and logical framework that promotes the sequential acquisition of new information based upon a substantive understanding of the previous material.

MED 2190. Microbiology and Infectious Disease.
Microbiology and Infectious Disease is an integrated course that introduces the basic biological principles, pathogenesis and host response, disease presentation, epidemiology, control and treatment of parasites, viruses, fungi and bacteria that cause human disease. Emphasis is placed on the most clinically significant and best characterized pathogens in each group. The Microbiology component of the course explores the characteristics of disease-causing microorganisms, mechanisms of transmission, immunity, and how specific microbial pathogens cause disease. Microbial disease states in multiple organ systems are addressed in the Infectious Disease component of the course with a focus on common infectious diseases and their clinical presentation.

For students enrolled in the Primary Care-Population Medicine program at Alpert Medical School, this course is structured to allow students to conduct research focused on population health with a mentor at Brown University.

Program in Liberal Medical Education
PLME 0200. Primetime Bioethics.
Is it ethical to design a perfect baby? Who should get these organs? Is it ever okay to be dishonest with patients for their own good? These questions and more will be tackled in this discussion-based course that uses episodes of popular medical television shows to highlight topics in medical ethics. Students will watch 1-2 episodes of TV shows and read related articles and chapters on biomedical ethics and ethics theory. The goal is to give students the background with which to approach the ethical topics. This course may be most beneficial to students pursuing a career in medicine.

PLME 0400. Introduction to Medical Illustration.
This semester course explores the field of medical illustration and its many facets. Depiction of diseases, anatomy, medical practices and surgical procedures has been around since antiquity. Not only has medical illustration evolved over the centuries, it has played the role of historian, documenting the beliefs and knowledge of its time. Today, medical illustration is as present as ever despite the advent of other methods of medical documentation, including photography and videography. Most physicians draw. We are not all artists, but we often use pictures instead of thousands of words whether to explain medical concepts to students or procedures to patients.

This program has been developed for Brown PLME students and first year Italian medical students to familiarize the future physicians with the much-debated theme of health care delivery and policies. Students will focus on medicine beyond science through the critical study of how socioeconomic and cultural factors impact this field. Students will compare the Italian and American systems, focusing on historical structures and current issues in health care regulation. Enrollment limited to 10.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Helvética was used instead of Arial.
The editor may contact Leepfrog for a draft with the correct fonts in place.