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 and are simultaneously admitted to Brown for their undergraduate studies. The PLME seeks highly qualified and strongly motivated high school students who are committed to a career in medicine at an early age and who also wish to pursue another 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.
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 students 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 can meet the medical program’s competency requirements, the committee will develop a report on any educational program accommodations that, if made, will 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.P.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

For additional information regarding Alpert Medical School please visit the website at: http://brown.edu/academics/medical/

### Courses

#### Biology

**BIOL 3001. Clerkship in Medicine.**

Twelve weeks.

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**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.**

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**BIOL 3025. Longitudinal in Renal Disease.**

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**BIOL 3035. Clinical Nephrology.**

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**BIOL 3040. Clinical Dermatology.**

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**BIOL 3070. Infectious Disease.**

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**BIOL 3075. Infectious Disease.**

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### BIOL 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 immunological inflammation guide consideration of the diagnosis, clinical management, and prevention of allergic and other immunological diseases.

### BIOL 3100. Cardiology
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### BIOL 3110. Clinical Adult Cardiology
No description available.

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### BIOL 3120. Coronary Care Unit
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### BIOL 3140. Cardiology
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### BIOL 3165. Med/Peds Infectious Diseases
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### BIOL 3170. Urgent Care
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### BIOL 3180. Hospice and Palliative Medicine
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### BIOL 3200. Tropical Medicine in East Africa
No description available.

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<td>BIOL 3200</td>
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### BIOL 3205. International Critical Care at Tuebingen.

### BIOL 3210. Hospice and Palliative Medicine.
No description available.

### BIOL 3215. Internal Medicine Night Float.

### BIOL 3220. Endocrinology.
No description available.

### BIOL 3230. Hematology Oncology.
No description available.

### BIOL 3240. Clinical Hematology/Oncology.
No description available.

### BIOL 3260. Hematology Oncology.
No description available.

### BIOL 3270. Hematology.
No description available.

### BIOL 3280. Allergy.
No description available.

### BIOL 3290. Pulmonary Diseases.
No description available.

### BIOL 3300. Pulmonary Diseases.
No description available.

### BIOL 3310. Pulmonary Diseases.
No description available.

### BIOL 3320. Pathophysiological Concepts in Internal Medicine.
No description available.

### BIOL 3330. Subinternship in Medicine.
No description available.

### BIOL 3331. Subinternship in Medicine - MH.

### BIOL 3332. Subinternship in Medicine - MHRI.
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<tr>
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<td>Subinternship in Medicine - RH.</td>
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<tr>
<td>BIOL 3334</td>
<td>Subinternship in Medicine - VAMC.</td>
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<td>BIOL 3340</td>
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<tr>
<td>BIOL 3350</td>
<td>Subinternship in Critical Care Medicine.</td>
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<tr>
<td>BIOL 3370</td>
<td>Subinternship in Intensive Care Medicine (ICU).</td>
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<td>BIOL 3390</td>
<td>Psychiatry in Medical Practice.</td>
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<td>BIOL 3400</td>
<td>Medical Consultation - OB/Gyn.</td>
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<tr>
<td>BIOL 3405</td>
<td>Medical Consult in OB/Gyn and Periop Med.</td>
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<tr>
<td>BIOL 3410</td>
<td>Internal Medicine in the Dominican Republic.</td>
<td>No description available.</td>
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<td>BIOL 3415</td>
<td>Clinical Medicine in Nicaragua.</td>
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<td>BIOL 3460</td>
<td>College Health Longitudinal.</td>
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<td>BIOL 3470</td>
<td>Issues Concerning Deaf Patients in Healthcare.</td>
<td>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.</td>
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<td>BIOL 3490</td>
<td>Cardiology.</td>
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Fall BIOL3569 S12 10145 Arranged 'To Be Arranged'
Fall BIOL3569 S21 17142 Arranged 'To Be Arranged'
Fall BIOL3569 S22 10146 Arranged 'To Be Arranged'

BIOL 3570. Advanced Clinical Mentorship in Pediatric Surgery.

BIOL 3571. Advanced Clinical Mentorship in Urology.

Fall BIOL3572 S12 10147 Arranged 'To Be Arranged'

BIOL 3573. Advanced Clinical Mentorship in ENT.


BIOL 3575. Advanced Clinical Mentorship in Pediatric Neurology.

Fall BIOL3576 S11 16929 Arranged 'To Be Arranged'
Fall BIOL3576 S12 16930 Arranged 'To Be Arranged'
Fall BIOL3576 S21 17141 Arranged 'To Be Arranged'
Fall BIOL3576 S22 10148 Arranged 'To Be Arranged'

BIOL 3577. Advanced Clinical Mentorship in OB/Gyn.
Fall BIOL3577 S11 16931 Arranged 'To Be Arranged'
Fall BIOL3577 S12 10149 Arranged 'To Be Arranged'
Fall BIOL3577 S21 17067 Arranged 'To Be Arranged'
Fall BIOL3577 S22 10150 Arranged 'To Be Arranged'

BIOL 3578. Advanced Clinical Mentorship in Outpatient Psychiatry.

Fall BIOL3579 S12 10151 Arranged 'To Be Arranged'
Fall BIOL3579 S21 17161 Arranged 'To Be Arranged'

BIOL 3580. Advanced Clinical Mentorship in Clinical Rehabilitation Medicine.

Fall BIOL3581 S11 16932 Arranged 'To Be Arranged'
Fall BIOL3581 S12 16933 Arranged 'To Be Arranged'
Fall BIOL3581 S21 17068 Arranged 'To Be Arranged'
Fall BIOL3581 S22 10152 Arranged 'To Be Arranged'


BIOL 3583. Advanced Clinical Mentorship in Family Medicine.
Fall BIOL3583 S11 16934 Arranged 'To Be Arranged'
Fall BIOL3583 S12 10153 Arranged 'To Be Arranged'
Fall BIOL3583 S21 17069 Arranged 'To Be Arranged'
Fall BIOL3583 S22 10154 Arranged 'To Be Arranged'

Fall BIOL3584 S12 10155 Arranged 'To Be Arranged'
Fall BIOL3584 S21 10156 Arranged 'To Be Arranged'

BIOL 3585. Advanced Clinical Mentorship in Radiation Oncology.

BIOL 3586. Advanced Clinical Mentorship Independent Study.

BIOL 3587. Advanced Clinical Mentorship in Primary Care/Behavioral Medicine.

Fall BIOL3588 S12 16935 Arranged 'To Be Arranged'

BIOL 3640. Doctoring 1.
Fall BIOL3640 S01 10157 Arranged (I. Tong)

BIOL 3641. Integrated Medical Sciences I.
Fall BIOL3641 S01 10158 Arranged (L. Dumenco)

BIOL 3642. IMS 1 - Scientific Foundations of Medicine.
Fall BIOL3642 S01 10159 Arranged (P. Gruppuso)

BIOL 3643. IMS-1 Histology.
Fall BIOL3643 S01 10160 Arranged 'To Be Arranged'

BIOL 3644. IMS-1 Human Anatomy I.

Fall BIOL3646 S01 17148 Arranged (D. Ritter)

BIOL 3645. IMS-1 General Pathology.
Fall BIOL3645 S01 10162 Arranged (L. Dumenco)

BIOL 3650. Doctoring 2.
Spr BIOL3650 S01 20050 Arranged 'To Be Arranged'

BIOL 3651. Integrated Medical Sciences II - Comprehensive.
Spr BIOL3651 S01 20051 Arranged 'To Be Arranged'

BIOL 3652. IMS-2 Brain Sciences.
Spr BIOL3652 S01 20052 Arranged 'To Be Arranged'

BIOL 3653. IMS-2 Microbiology/Infectious Diseases.
Spr BIOL3653 S01 20053 Arranged 'To Be Arranged'

BIOL 3654. IMS-2 Endocrine Sciences.
Fall BIOL3654 S01 10163 Arranged 'To Be Arranged'
Spr BIOL3654 S01 20054 Arranged 'To Be Arranged'

BIOL 3655. Human Anatomy II.
Spr BIOL3655 S01 20581 Arranged 'To Be Arranged'

BIOL 3656. Health Systems and Policy I.
Fall BIOL3656 S01 10164 Arranged 'To Be Arranged'

BIOL 3657. Health Systems and Policy II.

BIOL 3660. Doctoring 3.
Fall BIOL3660 S01 10165 Arranged (J. Taylor)

BIOL 3661. Integrated Medical Sciences III - Comprehensive.
Fall BIOL3661 S01 10166 Arranged 'To Be Arranged'

BIOL 3662. IMS-3 Cardiovascular.
Fall BIOL3662 S01 10167 Arranged (D. Burtt)

BIOL 3663. IMS-3 Pulmonary.
Fall BIOL3663 S01 10168 Arranged (M. Janownik)

BIOL 3664. IMS-3 Renal.
Fall BIOL3664 S01 10169 Arranged (S. Hu)

BIOL 3665. IMS-3 Supporting Structures.
Fall BIOL3665 S01 10170 Arranged 'To Be Arranged'

BIOL 3666. Integrated Medical Sciences III - Systemic Pathology.
Fall BIOL3666 S01 10171 Arranged (C. Oyer)

BIOL 3667. Integrated Medical Sciences III - System-Based Pharmacology.
Fall BIOL3667 S01 10172 Arranged (R. Patrick)

BIOL 3670. Doctoring 4.
Spr BIOL3670 S01 20055 Arranged 'To Be Arranged'

BIOL 3671. Integrated Medical Sciences IV - Comprehensive.
Spr BIOL3671 S01 20056 Arranged 'To Be Arranged'

BIOL 3672. IMS-4 Hematology.
Spr BIOL3672 S01 20057 Arranged 'To Be Arranged'

BIOL 3673. IMS-4 Gastroenterology.
Spr BIOL3673 S01 20058 Arranged 'To Be Arranged'

BIOL 3674. IMS-3 Human Reproduction.
Fall BIOL3674 S01 10173 Arranged (C. Oyer)

BIOL 3675. Integrated Medical Sciences IV - Systemic Pathology.
Spr BIOL3675 S01 20059 Arranged 'To Be Arranged'

BIOL 3676. Integrated Medical Sciences IV - System-Based Pharmacology.
Spr BIOL3676 S01 20060 Arranged 'To Be Arranged'

BIOL 3691. System-Based Pharmacology.

BIOL 3750. Neurology.
No description available.
Fall BIOL3750 S12 10174 Arranged 'To Be Arranged'
Fall BIOL3750 S13 10175 Arranged 'To Be Arranged'
Fall BIOL3750 S14 10176 Arranged 'To Be Arranged'
No description available.

No description available.

Fall BIOL3780 S14 10182 Arranged 'To Be Arranged'

BIOL 3790. Aging and Dementia.
No description available.

BIOL 3800. Neurosurgery.
No description available.

BIOL 3815. Subinternship in Neurosurgery.
Fall BIOL3815 S14 10195 Arranged 'To Be Arranged'
Fall BIOL3815 S15 17009 Arranged 'To Be Arranged'
Fall BIOL3815 S24 10196 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.

Eight weeks.
Fall BIOL3900 S01 10199 Arranged 'To Be Arranged'
Fall BIOL3900 S02 10200 Arranged 'To Be Arranged'
Spr BIOL3900 S03 20071 Arranged 'To Be Arranged'

Fall BIOL3905 S14 10201 Arranged 'To Be Arranged'

BIOL 3910. Introduction to Surgical Oncology.
No description available.

BIOL 3920. Surgery of the Alimentary Tract.
No description available.

BIOL 3930. Physical Medicine and Rehabilitation.
No description available.

No description available.

BIOL 3950. Outpatient Management of Musculoskeletal Problems.
No description available.

BIOL 3960. Orthopedic Surgery.
No description available.

BIOL 3970. Orthopedic Surgery in the Community.
No description available.

BIOL 4000. Outpatient Orthopedics.
No description available.

BIOL 4010. Anesthesiology.
No description available.

BIOL 4011. Anesthesiology - MH.

BIOL 4012. Anesthesiology - RIH.
**BIOL 4013. Anesthesiology - WIH.**
- Fall: BIOL4013 S12 10239 Arranged 'To Be Arranged'
- Fall: BIOL4013 S14 10240 Arranged 'To Be Arranged'
- Fall: BIOL4013 S22 10241 Arranged 'To Be Arranged'
- Fall: BIOL4013 S24 17213 Arranged 'To Be Arranged'

**BIOL 4020. Pediatric Anesthesiology.**
No description available.
- Fall: BIOL4020 S12 17012 Arranged 'To Be Arranged'
- Fall: BIOL4020 S14 10242 Arranged 'To Be Arranged'
- Fall: BIOL4020 S22 10243 Arranged 'To Be Arranged'
- Fall: BIOL4020 S23 10244 Arranged 'To Be Arranged'
- Fall: BIOL4020 S24 10245 Arranged 'To Be Arranged'
- Spr: BIOL4020 S32 20082 Arranged 'To Be Arranged'

**BIOL 4030. Ophthalmology.**
No description available.
- Fall: BIOL4030 S11 10246 Arranged 'To Be Arranged'
- Fall: BIOL4030 S12 10247 Arranged 'To Be Arranged'
- Fall: BIOL4030 S14 10248 Arranged 'To Be Arranged'
- Fall: BIOL4030 S22 10249 Arranged 'To Be Arranged'
- Fall: BIOL4030 S24 10250 Arranged 'To Be Arranged'
- Spr: BIOL4030 S32 20083 Arranged 'To Be Arranged'
- Spr: BIOL4030 S34 20084 Arranged 'To Be Arranged'

**BIOL 4040. Ophthalmology in a Missionary Hospital.**
No description available.
- Fall: BIOL4040 S12 10255 Arranged 'To Be Arranged'
- Fall: BIOL4040 S22 10256 Arranged 'To Be Arranged'
- Spr: BIOL4040 S32 20087 Arranged 'To Be Arranged'
- Spr: BIOL4040 S34 20088 Arranged 'To Be Arranged'

**BIOL 4100. Pediatric Surgery.**
No description available.
- Fall: BIOL4100 S12 17071 Arranged 'To Be Arranged'
- Fall: BIOL4100 S14 10262 Arranged 'To Be Arranged'
- Fall: BIOL4100 S22 17228 Arranged 'To Be Arranged'
- Fall: BIOL4100 S24 10263 Arranged 'To Be Arranged'
- Spr: BIOL4100 S32 20093 Arranged 'To Be Arranged'

**BIOL 4110. Adult Cardiac Surgery.**
No description available.
- Fall: BIOL4110 S12 10264 Arranged 'To Be Arranged'
- Fall: BIOL4110 S13 10265 Arranged 'To Be Arranged'
- Fall: BIOL4110 S24 10266 Arranged 'To Be Arranged'

**BIOL 4120. Cardiothoracic Surgery.**
No description available.
- Fall: BIOL4120 S12 10267 Arranged 'To Be Arranged'
- Fall: BIOL4120 S14 10268 Arranged 'To Be Arranged'
- Fall: BIOL4120 S22 10269 Arranged 'To Be Arranged'
- Fall: BIOL4120 S24 10270 Arranged 'To Be Arranged'
- Spr: BIOL4120 S32 20094 Arranged 'To Be Arranged'

**BIOL 4130. Subinternship in Cardiovascular Surgery.**
No description available.

**BIOL 4140. Endocrine Surgery.**
No description available.
- Fall: BIOL4140 S14 10271 Arranged 'To Be Arranged'
- Fall: BIOL4140 S22 10272 Arranged 'To Be Arranged'
- Fall: BIOL4140 S23 10273 Arranged 'To Be Arranged'
- Spr: BIOL4140 S34 20095 Arranged 'To Be Arranged'

**BIOL 4150. Clinical Urology.**
No description available.
- Fall: BIOL4150 S14 10274 Arranged 'To Be Arranged'
- Fall: BIOL4150 S22 10275 Arranged 'To Be Arranged'
- Fall: BIOL4150 S24 10276 Arranged 'To Be Arranged'

**BIOL 4170. Plastic Surgery.**
No description available.
- Fall: BIOL4170 S12 10281 Arranged 'To Be Arranged'
- Fall: BIOL4170 S14 10282 Arranged 'To Be Arranged'
- Fall: BIOL4170 S22 10283 Arranged 'To Be Arranged'
- Fall: BIOL4170 S23 10284 Arranged 'To Be Arranged'
- Fall: BIOL4170 S24 10285 Arranged 'To Be Arranged'

**BIOL 4180. Subinternship in Surgery.**
No description available.
- Fall: BIOL4180 S14 10286 Arranged 'To Be Arranged'
- Fall: BIOL4180 S24 10287 Arranged 'To Be Arranged'

**BIOL 4185. Subinternship in Surgical Oncology.**
No description available.
- Fall: BIOL4185 S14 10288 Arranged 'To Be Arranged'
- Fall: BIOL4185 S24 10289 Arranged 'To Be Arranged'

**BIOL 4190. Subinternship in Surgery.**
No description available.
- Fall: BIOL4190 S14 10290 Arranged 'To Be Arranged'
- Fall: BIOL4190 S24 10291 Arranged 'To Be Arranged'
- Spr: BIOL4190 S34 20097 Arranged 'To Be Arranged'

**BIOL 4195. Subinternship in Colon and Rectal Surgery.**
No description available.
- Fall: BIOL4195 S14 17013 Arranged 'To Be Arranged'
- Fall: BIOL4195 S24 10292 Arranged 'To Be Arranged'

**BIOL 4197. Vascular Surgery.**
No description available.
- Fall: BIOL4197 S14 10293 Arranged 'To Be Arranged'

**BIOL 4210. Otorhinolaryngology.**
No description available.
- Fall: BIOL4210 S12 10294 Arranged 'To Be Arranged'
- Fall: BIOL4210 S14 10295 Arranged 'To Be Arranged'
- Fall: BIOL4210 S21 10296 Arranged 'To Be Arranged'
- Fall: BIOL4210 S22 10297 Arranged 'To Be Arranged'
- Spr: BIOL4210 S32 20098 Arranged 'To Be Arranged'
- Spr: BIOL4210 S34 20099 Arranged 'To Be Arranged'

**BIOL 4220. Head/Neck Pathology-Maxillofacial Surgery.**
No description available.
- Fall: BIOL4220 S12 10300 Arranged 'To Be Arranged'
- Fall: BIOL4220 S22 10301 Arranged 'To Be Arranged'

**BIOL 4230. Nutrition and Nutritional Support.**
No description available.
- Fall: BIOL4230 S12 10302 Arranged 'To Be Arranged'
- Fall: BIOL4230 S22 10303 Arranged 'To Be Arranged'

**BIOL 4240. Ambulatory Plastic Surgery.**
No description available.
- Fall: BIOL4240 S12 10304 Arranged 'To Be Arranged'
- Fall: BIOL4240 S22 10305 Arranged 'To Be Arranged'
- Spr: BIOL4240 S33 20100 Arranged 'To Be Arranged'

**BIOL 4270. Subinternship in Cardiac Surgery.**
No description available.
- Fall: BIOL4270 S12 17131 Arranged 'To Be Arranged'
- Fall: BIOL4270 S14 17072 Arranged 'To Be Arranged'
- Fall: BIOL4270 S24 17227 Arranged 'To Be Arranged'

**BIOL 4280. Introduction to Thoracic Surgery.**
No description available.
- Fall: BIOL4280 S14 10305 Arranged 'To Be Arranged'
- Fall: BIOL4280 S24 10306 Arranged 'To Be Arranged'

**BIOL 4285. 4th Year Surgery Boot Camp.**
BIOL 4300. Orofacial Surgery.
No description available.
Fall BIOL4300 S12 10307 Arranged "To Be Arranged"
Fall BIOL4300 S13 10308 Arranged "To Be Arranged"
Fall BIOL4300 S14 10309 Arranged "To Be Arranged"
Fall BIOL4300 S22 10310 Arranged "To Be Arranged"
Fall BIOL4300 S24 10311 Arranged "To Be Arranged"
Spr BIOL4300 S32 20101 Arranged "To Be Arranged"

Six weeks.
Fall BIOL4500 S01 10312 Arranged "To Be Arranged"
Fall BIOL4500 S02 10313 Arranged "To Be Arranged"
Spr BIOL4500 S03 20102 Arranged "To Be Arranged"


BIOL 4510. Pediatric Hematology Oncology.
No description available.
Fall BIOL4510 S14 10314 Arranged "To Be Arranged"
Fall BIOL4510 S24 10315 Arranged "To Be Arranged"

BIOL 4520. Pediatric Neurology.
No description available.
Fall BIOL4520 S12 10316 Arranged "To Be Arranged"
Fall BIOL4520 S13 10317 Arranged "To Be Arranged"
Fall BIOL4520 S14 10318 Arranged "To Be Arranged"
Fall BIOL4520 S23 10319 Arranged "To Be Arranged"
Fall BIOL4520 S24 10320 Arranged "To Be Arranged"
Spr BIOL4520 S34 20103 Arranged "To Be Arranged"

BIOL 4530. Pediatric Urology.
No description available.
Fall BIOL4530 S12 10321 Arranged "To Be Arranged"
Fall BIOL4530 S22 10322 Arranged "To Be Arranged"

No description available.
Fall BIOL4540 S12 10323 Arranged "To Be Arranged"
Fall BIOL4540 S14 10324 Arranged "To Be Arranged"
Fall BIOL4540 S22 10325 Arranged "To Be Arranged"
Fall BIOL4540 S23 10326 Arranged "To Be Arranged"
Fall BIOL4540 S24 10327 Arranged "To Be Arranged"
Spr BIOL4540 S32 20104 Arranged "To Be Arranged"

BIOL 4550. Adolescent Medicine.
No description available.
Fall BIOL4550 S12 10328 Arranged "To Be Arranged"
Fall BIOL4550 S14 10329 Arranged "To Be Arranged"
Fall BIOL4550 S22 10330 Arranged "To Be Arranged"
Fall BIOL4550 S23 10331 Arranged "To Be Arranged"
Fall BIOL4550 S24 10332 Arranged "To Be Arranged"
Spr BIOL4550 S34 20105 Arranged "To Be Arranged"

BIOL 4560. Pediatric Cardiology.
No description available.
Fall BIOL4560 S12 10333 Arranged "To Be Arranged"
Fall BIOL4560 S24 10334 Arranged "To Be Arranged"
Spr BIOL4560 S34 20106 Arranged "To Be Arranged"

BIOL 4570. Pediatric Infectious Diseases.
No description available.
Fall BIOL4570 S12 10335 Arranged "To Be Arranged"
Fall BIOL4570 S14 10336 Arranged "To Be Arranged"
Fall BIOL4570 S24 10337 Arranged "To Be Arranged"
Spr BIOL4570 S34 20107 Arranged "To Be Arranged"

BIOL 4580. Pediatric Endocrinology.
No description available.
Fall BIOL4580 S14 10338 Arranged "To Be Arranged"
Fall BIOL4580 S24 10339 Arranged "To Be Arranged"
Spr BIOL4580 S34 20108 Arranged "To Be Arranged"

No description available.

BIOL 4600. Pediatric Neurorehabilitation.
No description available.
Fall BIOL4600 S12 10340 Arranged "To Be Arranged"
Fall BIOL4600 S22 10341 Arranged "To Be Arranged"
Fall BIOL4600 S24 10342 Arranged "To Be Arranged"
Spr BIOL4600 S32 20109 Arranged "To Be Arranged"

BIOL 4620. Subinternship in Perinatal Medicine (NICU).
No description available.
Fall BIOL4620 S14 10346 Arranged "To Be Arranged"
Fall BIOL4620 S24 10347 Arranged "To Be Arranged"

No description available.
Fall BIOL4630 S14 10348 Arranged "To Be Arranged"
Fall BIOL4630 S24 10349 Arranged "To Be Arranged"
Spr BIOL4630 S34 20113 Arranged "To Be Arranged"

BIOL 4640. Subinternship in Pediatric Critical Care.
No description available.
Fall BIOL4640 S14 10350 Arranged "To Be Arranged"
Fall BIOL4640 S24 10351 Arranged "To Be Arranged"
Spr BIOL4640 S34 20114 Arranged "To Be Arranged"

No description available.
Fall BIOL4650 S11 10352 Arranged "To Be Arranged"
Fall BIOL4650 S12 10353 Arranged "To Be Arranged"
Fall BIOL4650 S14 10354 Arranged "To Be Arranged"
Fall BIOL4650 S21 10355 Arranged "To Be Arranged"
Fall BIOL4650 S22 10356 Arranged "To Be Arranged"
Fall BIOL4650 S24 10357 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 10358 Arranged "To Be Arranged"
Fall BIOL4680 S24 10359 Arranged "To Be Arranged"

BIOL 4900. Core Clerkship in Obstetrics and Gynecology.
Six weeks.
Fall BIOL4900 S01 10360 Arranged "To Be Arranged"
Fall BIOL4900 S02 10361 Arranged "To Be Arranged"
Spr BIOL4900 S03 20115 Arranged "To Be Arranged"

BIOL 4905. Individualized Clerkship in Ob/Gyn.

BIOL 4910. Subinternship in Maternal Fetal Medicine.
No description available.
Fall BIOL4910 S14 10362 Arranged "To Be Arranged"
Fall BIOL4910 S24 10363 Arranged "To Be Arranged"
Spr BIOL4910 S34 20116 Arranged "To Be Arranged"

BIOL 4920. Subinternship in Urology + Reconstructive Pelvic Surgery.
No description available.
Fall BIOL4920 S14 10364 Arranged "To Be Arranged"
Fall BIOL4920 S24 10365 Arranged "To Be Arranged"

BIOL 4940. Reproductive Endocrinology and Infertility.
No description available.
Fall BIOL4940 S12 10369 Arranged "To Be Arranged"
Fall BIOL4940 S14 10370 Arranged "To Be Arranged"
Fall BIOL4940 S22 10371 Arranged "To Be Arranged"
Fall BIOL4940 S24 10372 Arranged "To Be Arranged"
Spr BIOL4940 S34 20120 Arranged "To Be Arranged"

BIOL 4950. Subinternship in Gynecologic Oncology and Pelvic Surgery.
No description available.

Brown University
BIOL 4955. Subinternship in Women’s Ambulatory Ob-Gyn.
Fall BIOL4955 S14 10376 Arranged 'To Be Arranged'
Fall BIOL4955 S24 10377 Arranged 'To Be Arranged'

BIOL 4960. Women’s Reproductive Health Topics.
No description available.
Fall BIOL4960 S14 10378 Arranged 'To Be Arranged'
Fall BIOL4960 S24 10379 Arranged 'To Be Arranged'

BIOL 4970. Breast Disease.
No description available.
Fall BIOL4970 S14 17014 Arranged 'To Be Arranged'
Fall BIOL4970 S22 10380 Arranged 'To Be Arranged'
Fall BIOL4970 S24 10381 Arranged 'To Be Arranged'

BIOL 4975. Gynecologic and Breast Pathology.
No description available.
Fall BIOL4975 S12 10382 Arranged 'To Be Arranged'
Fall BIOL4975 S14 10383 Arranged 'To Be Arranged'
Fall BIOL4975 S22 10384 Arranged 'To Be Arranged'
Fall BIOL4975 S24 10385 Arranged 'To Be Arranged'
Spr BIOL4975 S32 20122 Arranged 'To Be Arranged'

BIOL 4980. Patients with Women’s Cancers.
No description available.
Fall BIOL4980 S14 10386 Arranged 'To Be Arranged'
Fall BIOL4980 S22 10387 Arranged 'To Be Arranged'
Fall BIOL4980 S24 10388 Arranged 'To Be Arranged'
Spr BIOL4980 S34 20123 Arranged 'To Be Arranged'

BIOL 4990. Clinical Cancer Genetics.
No description available.
Fall BIOL4990 S24 17348 Arranged 'To Be Arranged'
Spr BIOL4990 S33 20124 Arranged 'To Be Arranged'

BIOL 5100. Core Clerkship in Psychiatry.
Six weeks.
Fall BIOL5100 S01 10389 Arranged 'To Be Arranged'
Fall BIOL5100 S02 10390 Arranged 'To Be Arranged'
Spr BIOL5100 S03 20125 Arranged 'To Be Arranged'

BIOL 5105. Individualized Clerkship in Psychiatry.

BIOL 5110. Subinternship in Psychiatry.
No description available.
Fall BIOL5110 S14 10391 Arranged 'To Be Arranged'
Fall BIOL5110 S24 10392 Arranged 'To Be Arranged'
Spr BIOL5110 S34 20126 Arranged 'To Be Arranged'

BIOL 5130. Addiction Psychiatry.
No description available.
Fall BIOL5130 S12 17073 Arranged 'To Be Arranged'
Fall BIOL5130 S13 10393 Arranged 'To Be Arranged'
Fall BIOL5130 S14 10394 Arranged 'To Be Arranged'
Fall BIOL5130 S24 10395 Arranged 'To Be Arranged'
Spr BIOL5130 S34 20127 Arranged 'To Be Arranged'

Fall BIOL5140 S14 10396 Arranged 'To Be Arranged'
Fall BIOL5140 S24 10397 Arranged 'To Be Arranged'

BIOL 5150. Neuropsychiatry and Behavioral Neurology.
No description available.
Fall BIOL5150 S14 10398 Arranged 'To Be Arranged'
Fall BIOL5150 S22 10399 Arranged 'To Be Arranged'
Fall BIOL5150 S24 10400 Arranged 'To Be Arranged'

No description available.
Fall BIOL5210 S12 10403 Arranged 'To Be Arranged'
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Fall BIOL5210 S24 10406 Arranged 'To Be Arranged'

No description available.
Fall BIOL5220 S14 10408 Arranged 'To Be Arranged'
Fall BIOL5220 S24 10409 Arranged 'To Be Arranged'
Spr BIOL5220 S34 20133 Arranged 'To Be Arranged'

BIOL 5270. Psychiatry of Late Life.
No description available.
Fall BIOL5270 S22 10410 Arranged 'To Be Arranged'
Fall BIOL5270 S24 10411 Arranged 'To Be Arranged'

BIOL 5300. Clerkship in Psychiatry-Clinical Neuroscience.
Six weeks.
Fall BIOL5300 S01 10412 Arranged 'To Be Arranged'
Fall BIOL5300 S02 10413 Arranged 'To Be Arranged'

BIOL 5315. Clerkship in Psychiatry.
Fall BIOL5315 S01 17078 Arranged 'To Be Arranged'
Fall BIOL5315 S02 17239 Arranged 'To Be Arranged'

BIOL 5325. Clerkship in Neurology.
Fall BIOL5325 S01 17079 Arranged 'To Be Arranged'
Fall BIOL5325 S02 17240 Arranged 'To Be Arranged'

BIOL 5400. Core Clerkship in Community Health.
Six weeks.
Fall BIOL5400 S01 10414 Arranged 'To Be Arranged'
Fall BIOL5400 S02 10415 Arranged 'To Be Arranged'

BIOL 5460. Physical Medicine and Rehabilitation.
No description available.
Fall BIOL5460 S23 10416 Arranged 'To Be Arranged'
Fall BIOL5460 S24 10417 Arranged 'To Be Arranged'

BIOL 5480. Rural Community Medicine.
No description available.
Fall BIOL5480 S12 10418 Arranged 'To Be Arranged'
Fall BIOL5480 S14 10419 Arranged 'To Be Arranged'
Fall BIOL5480 S22 10420 Arranged 'To Be Arranged'
Fall BIOL5480 S24 10421 Arranged 'To Be Arranged'

BIOL 5490. Geriatrics and Rehabilitation.
No description available.
Fall BIOL5490 S12 10422 Arranged 'To Be Arranged'
Fall BIOL5490 S14 10423 Arranged 'To Be Arranged'
Fall BIOL5490 S24 10424 Arranged 'To Be Arranged'
Spr BIOL5490 S34 20134 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 prospectives 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.

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.
<table>
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<th>Course Title</th>
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<th>End</th>
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**BIOL 5850**: Preventive Cardiology Nutrition

**BIOL 5870**: Subinternship in Family Medicine

**BIOL 5880**: Clinical Skills Clerkship Teaching Academy

**BIOL 5885**: Clinical Skills Clerkship

**BIOL 5900**: Art and Medicine Seminar

**BIOL 5920**: Public Health and Primary Care in Rural Honduras

**BIOL 5990**: Internship Preparation Elective

**BIOL 6010**: Human Morphology II

**BIOL 6100**: Applied Pathology

**BIOL 6110**: Research in Perinatal/Pediatric Pathology
BIOL 6300. Nuclear Medicine Preceptorship.  
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BIOL 6320. Vascular and Interventional Radiology.  
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BIOL 6360. Neuroradiology.  
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BIOL 6380. Pediatric Radiology.  
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BIOL 6390. Intro to Women's Diagnostic Imaging.  
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BIOL 6500. Cancer Action and Reflection (CARE).  
No description available.

BIOL 6501. Medical Chinese Elective.  
Students will attain a working knowledge of Chinese relevant to medical practice in order to better communicate with and serve Chinese-speaking patients. Open to students who are proficient in the Mandarin dialect of Chinese.

BIOL 6502. Medical Spanish.  
The course is designed for students to gain beginning-level competence in Medical Spanish that will enable them to communicate more effectively with Spanish-speaking patients and their families. Specifically, the students will develop critical Spanish lexicon and language skills for conducting the medical interview. Prerequisite: Background in Spanish. Grading: S/NC

BIOL 6503. Poverty, Health and Law.  
No description available.

BIOL 6504. Health Care in America.  
No description available.

BIOL 6505. Introduction to Multidisciplinary Fetal Medicine.  
An 8-session elective seminar for 2nd year medical school students. Emphasis is placed on the multidisciplinary approach to medical problems. The course concentrates on those conditions for which fetal and/or neonatal intervention may be indicated, from gene therapy to fetal surgical intervention.

No description available.

BIOL 6507. Elective in Mindfulness Training.  
No description available.

BIOL 6508. Gender and Sexuality in Healthcare: Caring for All Patients.  
The goal of the course is to provide medical students with the knowledge needed to effectively and competently work with a growingly diverse patient (and colleague) population. Contemporary medical school curricula are lacking in the instruction and discussion of patients of all genders and sexualities. This elective will address this need. The course will consist of eight 2-hour sessions, with guest speakers lecturing for the first hour and small group discussion happening for the second hour. Students are required to keep a journal of their experiences as their final assignment for the class. The class will be graded S/NC.

The topics range from LGBTQ Teenagers to Institutionalized Homophobia to Hormone Therapy, led by experts in each field.

BIOL 6509. Introduction to Surgery.  
No description available.

BIOL 6510. Topics in Medicine - An International Perspective at University of Rostock, Germany.  
No description available.

BIOL 6511. Comparative Medical Ethics at University of Tuebingen, Germany.  
No description available.

BIOL 6512. Modern Genetics: Ethics, Policy, and the Doctor-Patient Relationship.  
No description available.

BIOL 6513. (Play)writing and Medicine.  
No description available.

This elective seminar for 1st and 2nd year medical school and PLME students will introduce them to the world of complementary and alternative forms of healing (CAM) and place it into a framework of an Integrative medicine.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Code</th>
<th>Section</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>BIOL6514</td>
<td>S01 17342</td>
<td>Arranged 'To Be Arranged'</td>
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BIOL 6515. Humanities as Medical Instruments.  
No description available.

BIOL 6516. Race, Health Disparities, and Biomedical Interpretations.  
No description available.

BIOL 6517. Diseases, Doctors and Divas.  
No description available.

BIOL 6518. Design and Health.  
No description available.

BIOL 6519. Leadership in the Health Professions.  
No description available.

BIOL 6520. Artists and Scientists as Partners.  
No description available.

BIOL 6521. Advanced Spanish.  
No description available.

BIOL 6522. The Healer’s Art.  
No description available.

BIOL 6524. Introduction to Sports Medicine.  
No description available.

BIOL 6650. Medical Students Outreach to Mothers to Be (MOMS).  
No description available.

BIOL 6651. The Bionic Human Elective.  
No description available.

BIOL 6652. Wilderness Medicine Preclinical Elective.  
The Wilderness Medicine elective is designed to instill the basic survival skills training necessary for environments outside the hospital, both urban and wild. It combines didactic lectures on such topics as toxicology and travel medicine with field skills sessions & workshops (e.g. suturing, splinting). These sessions also include mock medical scenarios, such as near drownings, for the students to handle. It includes off-campus...
consultation with experts to review their medical emergency procedures. A final project consisting of writing about a popular wilderness myth and its voracity is required.


BIOL 6655. Health Care of Underserved. No description available.


BIOL 6657. Sexual Health. No description available.

BIOL 6658. Medical Impact of Translational and Basic Science. No description available.


BIOL 6663. Qualified Professional Test Counselor Certification Course. No description available.


BIOL 6665. Classroom Connection: Understanding Allergy and Immunology. No description available.

BIOL 6666. Food and Health. No description available.

BIOL 6667. Quantitative Statistics. Fall BIOL6667 S01 17198 Arranged "To Be Arranged"

BIOL 6668. Intro to Patient Safety + Quality Improvement. Fall BIOL6668 S01 17202 Arranged "To Be Arranged"

BIOL 6669. The Virtuous Physician. No description available.

BIOL 6800. Elective in Biotechnology. No description available.

BIOL 7000. Away Elective 1. No description available.

Fall BIOL7000 S11 10510 Arranged "To Be Arranged"

Fall BIOL7000 S12 10511 Arranged "To Be Arranged"

Fall BIOL7000 S13 10512 Arranged "To Be Arranged"

Fall BIOL7000 S14 10513 Arranged "To Be Arranged"

Fall BIOL7000 S15 10514 Arranged "To Be Arranged"

Fall BIOL7000 S22 10515 Arranged "To Be Arranged"

Fall BIOL7000 S23 10516 Arranged "To Be Arranged"

Fall BIOL7000 S24 10517 Arranged "To Be Arranged"

Fall BIOL7000 S25 10518 Arranged "To Be Arranged"

Fall BIOL7000 S28 17349 Arranged "To Be Arranged"

Spr BIOL7000 S32 20168 Arranged "To Be Arranged"

Spr BIOL7000 S33 20169 Arranged "To Be Arranged"

Spr BIOL7000 S34 20170 Arranged "To Be Arranged"

Spr BIOL7000 S38 20171 Arranged "To Be Arranged"

BIOL 7010. Away Elective 2. No description available.

Fall BIOL7010 S11 10519 Arranged "To Be Arranged"

Fall BIOL7010 S12 10520 Arranged "To Be Arranged"

Fall BIOL7010 S13 10521 Arranged "To Be Arranged"

Fall BIOL7010 S14 10522 Arranged "To Be Arranged"

Fall BIOL7010 S21 10523 Arranged "To Be Arranged"

Fall BIOL7010 S22 10524 Arranged "To Be Arranged"

Fall BIOL7010 S23 10525 Arranged "To Be Arranged"

Fall BIOL7010 S24 10526 Arranged "To Be Arranged"

Fall BIOL7010 S25 10527 Arranged "To Be Arranged"

Fall BIOL7010 S26 10528 Arranged "To Be Arranged"

Spr BIOL7010 S32 20172 Arranged "To Be Arranged"

Spr BIOL7010 S34 20173 Arranged "To Be Arranged"

BIOL 7020. Away Elective 3. No description available.

Fall BIOL7020 S14 10529 Arranged "To Be Arranged"

Fall BIOL7020 S22 10530 Arranged "To Be Arranged"

Fall BIOL7020 S23 10531 Arranged "To Be Arranged"

Fall BIOL7020 S24 10532 Arranged "To Be Arranged"

Spr BIOL7020 S31 20174 Arranged "To Be Arranged"

Spr BIOL7020 S34 20175 Arranged "To Be Arranged"


Fall BIOL7030 S24 10533 Arranged "To Be Arranged"

BIOL 7040. Away Elective 5. No description available.

BIOL 7100. Independent Study 1. No description available.

Fall BIOL7100 S11 10534 Arranged "To Be Arranged"

Fall BIOL7100 S12 10535 Arranged "To Be Arranged"

Fall BIOL7100 S13 10536 Arranged "To Be Arranged"

Fall BIOL7100 S14 10537 Arranged "To Be Arranged"

Fall BIOL7100 S15 10538 Arranged "To Be Arranged"

Fall BIOL7100 S16 10539 Arranged "To Be Arranged"

Fall BIOL7100 S17 10540 Arranged "To Be Arranged"

Fall BIOL7100 S18 10541 Arranged "To Be Arranged"

Fall BIOL7100 S20 10542 Arranged "To Be Arranged"

Fall BIOL7100 S21 10543 Arranged "To Be Arranged"

Fall BIOL7100 S22 10544 Arranged "To Be Arranged"

Fall BIOL7100 S23 10545 Arranged "To Be Arranged"

Fall BIOL7100 S24 10546 Arranged "To Be Arranged"

Fall BIOL7100 S25 10547 Arranged "To Be Arranged"

Fall BIOL7100 S26 10548 Arranged "To Be Arranged"

Fall BIOL7100 S27 17350 Arranged "To Be Arranged"

Fall BIOL7100 S28 10549 Arranged "To Be Arranged"

Fall BIOL7100 S2A 10550 Arranged "To Be Arranged"

Fall BIOL7100 S2B 10551 Arranged "To Be Arranged"

Fall BIOL7100 S2C 10552 Arranged "To Be Arranged"

Fall BIOL7100 S2D 10553 Arranged "To Be Arranged"

Spr BIOL7100 S31 20176 Arranged "To Be Arranged"

Spr BIOL7100 S32 20177 Arranged "To Be Arranged"

Spr BIOL7100 S33 20178 Arranged "To Be Arranged"

Spr BIOL7100 S34 20179 Arranged "To Be Arranged"

Spr BIOL7100 S35 20180 Arranged "To Be Arranged"

Spr BIOL7100 S36 20181 Arranged "To Be Arranged"

Spr BIOL7100 S38 20182 Arranged "To Be Arranged"

Spr BIOL7100 S3A 20183 Arranged "To Be Arranged"

BIOL 7110. Independent Study 2. No description available.

Fall BIOL7110 S11 10554 Arranged "To Be Arranged"

Fall BIOL7110 S12 10555 Arranged "To Be Arranged"

Fall BIOL7110 S13 10556 Arranged "To Be Arranged"

Fall BIOL7110 S14 10557 Arranged "To Be Arranged"

Fall BIOL7110 S19 10558 Arranged "To Be Arranged"

Fall BIOL7110 S21 10559 Arranged "To Be Arranged"

Fall BIOL7110 S22 10560 Arranged "To Be Arranged"

Fall BIOL7110 S23 10561 Arranged "To Be Arranged"

Fall BIOL7110 S24 10562 Arranged "To Be Arranged"

Fall BIOL7110 S25 10563 Arranged "To Be Arranged"

Spr BIOL7110 S33 20184 Arranged "To Be Arranged"

Spr BIOL7110 S34 20185 Arranged "To Be Arranged"
BIOL 7120. Independent Study 3.
No description available.
Fall: BIOL7120 S12 10564 Arranged "To Be Arranged"
Fall: BIOL7120 S22 10565 Arranged "To Be Arranged"
Fall: BIOL7120 S23 10566 Arranged "To Be Arranged"
Fall: BIOL7120 S24 17351 Arranged "To Be Arranged"
Spr: BIOL7120 S34 20186 Arranged "To Be Arranged"

BIOL 7130. Independent Study
No description available.

BIOL 7140. Approved Subinternship Independent Study.
No description available.
Fall: BIOL7140 S14 10567 Arranged "To Be Arranged"
Fall: BIOL7140 S16 10568 Arranged "To Be Arranged"
Fall: BIOL7140 S24 10569 Arranged "To Be Arranged"
Spr: BIOL7140 S34 20187 Arranged "To Be Arranged"

BIOL 7150. Independent Study
No description available.
Fall: BIOL7150 S17 10570 Arranged "To Be Arranged"

BIOL 7160. Scholarly Concentration Independent Study.
No description available.
Fall: BIOL7160 S12 10571 Arranged "To Be Arranged"
Fall: BIOL7160 S13 10572 Arranged "To Be Arranged"
Fall: BIOL7160 S14 10573 Arranged "To Be Arranged"
Fall: BIOL7160 S15 17030 Arranged "To Be Arranged"
Fall: BIOL7160 S16 10574 Arranged "To Be Arranged"
Fall: BIOL7160 S1A 10575 Arranged "To Be Arranged"
Fall: BIOL7160 S21 17225 Arranged "To Be Arranged"
Fall: BIOL7160 S22 10576 Arranged "To Be Arranged"
Fall: BIOL7160 S24 10577 Arranged "To Be Arranged"
Fall: BIOL7160 S26 10578 Arranged "To Be Arranged"
Fall: BIOL7160 S27 10579 Arranged "To Be Arranged"
Fall: BIOL7160 S28 10580 Arranged "To Be Arranged"
Spr: BIOL7160 S34 20188 Arranged "To Be Arranged"
Spr: BIOL7160 S35 20189 Arranged "To Be Arranged"
Spr: BIOL7160 S36 20190 Arranged "To Be Arranged"

BIOL 7165. Scholarly Concentration Independent Study.

BIOL 7170. Academic Scholar Program.
No description available.
Fall: BIOL7190 S2A 17334 Arranged "To Be Arranged"

BIOL 7200. International Elective: University of Bologna (Italy).
Fall: BIOL7200 S14 10581 Arranged "To Be Arranged"
Fall: BIOL7200 S22 10582 Arranged "To Be Arranged"

Fall: BIOL7205 S22 10583 Arranged "To Be Arranged"
Fall: BIOL7205 S24 10584 Arranged "To Be Arranged"

BIOL 7210. International Elective: Moi University (Kenya).

Fall: BIOL7215 S12 10585 Arranged "To Be Arranged"
Fall: BIOL7215 S24 10586 Arranged "To Be Arranged"


BIOL 7225. International Elective: University of Rostock (Germany).

BIOL 7230. International Elective: Technion-Israel Institute of Technology.
Fall: BIOL7230 S23 10587 Arranged "To Be Arranged"

Fall: BIOL7235 S14 10588 Arranged "To Be Arranged"

BIOL 7240. International Elective: University of Tuebingen (Germany).


Fall: BIOL7247 S22 17352 Arranged "To Be Arranged"

BIOL 7301. Seminar on Race + Health Disparities.
Fall: BIOL7301 S26 10589 Arranged "To Be Arranged"

BIOL 7600. Approved Subinternship Away.
No description available.
Fall: BIOL7600 S14 10596 Arranged "To Be Arranged"
Fall: BIOL7600 S23 10597 Arranged "To Be Arranged"
Fall: BIOL7600 S24 10598 Arranged "To Be Arranged"
Spr: BIOL7600 S34 20199 Arranged "To Be Arranged"

BIOL 7605. Approved Subinternship Away 2.
Fall: BIOL7605 S23 10599 Arranged "To Be Arranged"
Fall: BIOL7605 S24 10600 Arranged "To Be Arranged"

Program in Liberal Medical Education

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.

PLME 1000. PLME Senior Seminar in Scientific Medicine.
This course is an interdisciplinary and integrative science course that will supplement the preparation of both PLME and pre-medical students for the study of medicine in the 21st century. The course will use a case-based approach to relevant and contemporary subjects in medicine and health care, such as: biological systems and their interactions; diagnosis and therapy optimization; and the humanistic aspects of patient care. The course is intended for seniors interested in attending medical school but will preferentially enroll PLME students. Prerequisite: PLME competency in Biology, Chemistry (inorganic and organic), Physics, and introductory calculus. Enrollment limited to 40. S/NC
Fall: PLME1000 S01 16305 MW 8:30-9:50(16) (J. Ip)