# The Warren Alpert Medical School of Brown University

## *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 (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, Box 1876, 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 (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

### *Policy and Process for Assessing Ability to Meet Technical Standards for Medicine*:

1. No inquiry will be made on the application forms concerning disability. The Medical School has specific required Technical Standards for matriculation, continuation, and graduation. These Technical Standards are listed in the Student Handbook on the Medical School website. 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 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.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

## 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.

Learn more about the MD/MPH Program (https://www.brown.edu/academics/public-health/mph/dual-degrees/) at: https://www.brown.edu/academics/public-health/mph/dual-degrees (https://www.brown.edu/academics/public-health/mph/dual-degrees/)

## 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://www.brown.edu/academics/medical/education/other-programs/primary-care-population-medicine/

## SCM in Medical Physics

Medical Physics is one of the select non-MD specialties recognized by the American Board of Medical Specialties. Medical Physicists contribute to maintaining and improving the quality, safety and cost-effectiveness of healthcare services through patient-oriented activities requiring expert action, and optimized clinical use of medical devices, such as CT and MRI scanners, linear accelerators, and treatment planning systems, including patient risk and protection.

Activities are based on current best evidence or the Medical physicists' own scientific research when the available evidence is not sufficient. The career path eventually leads to residency training and certification by the American Board of Radiology.

Students will write a publishable thesis and engage in practical experience, both of which are essential to securing a residency. This is also the key metric of success for students and ultimately the program, in addition to students' academic success beyond residency and board

certification. In addition, the program will be distinctive in that students will have a full semester to undertake their research and work closely with faculty.

Learn more about the SCM in Medical Physics Program at: https://www.brown.edu/med-physics-graduate-program/

# Brown Gateways to Medicine, Health Care, and Research - Master of Science in Medical Sciences

The Gateways Program at the Warren Alpert Medical School of Brown University provides academically promising, motivated students new pathways to careers in the health sciences.

In this one-year, full-time program, you will complete 8.5 required courses culminating in a Master of Science (ScM) in Medical Sciences from Brown University. Courses include all four of the basic science courses and two of the three organ system courses undertaken by first-year medical students at Alpert Medical School. You'll also complete a unique seminar course series about pressing issues in today's health care system, such as social determinants of disease, population health, interdisciplinary teamwork, quality improvement, and health care communication. Integrated into this course series will be a longitudinal service learning experience at a community healthcare site and an associated community-based capstone project.

Learn more about the ScM in Medical Sciences program (https://www.brown.edu/academics/medical/education/other-programs/gateways/master-science-medical-sciences/) at: https://www.brown.edu/academics/medical/education/other-programs/gateways/master-science-medical-sciences (https://www.brown.edu/academics/medical/education/other-programs/gateways/master-science-medical-sciences/)

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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|---|---|---|---|---|---|
| Fall | BIOL3001 | S01 | 10362 | Arranged | 'To Be Arranged' |
| Fall | BIOL3001 | S02 | 10363 | Arranged | 'To Be Arranged' |
| Spr | BIOL3001 | S03 | 20317 | Arranged | 'To Be Arranged' |
| Spr | BIOL3001 | S04 | 20318 | Arranged | 'To Be Arranged' |

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

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|---|---|---|---|---|---|
| Fall | BIOL3005 | S01 | 10364 | Arranged | 'To Be Arranged' |
| Spr | BIOL3005 | S04 | 20319 | Arranged | 'To Be Arranged' |

**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.

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| Fall | BIOL3015 | S12 | 10365 | Arranged | 'To Be Arranged' |
| Fall | BIOL3015 | S18 | 10366 | Arranged | 'To Be Arranged' |

**BIOL 3020. Nephrology**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3020 | S12 | 10367 | Arranged | 'To Be Arranged' |
| Fall | BIOL3020 | S14 | 10368 | Arranged | 'To Be Arranged' |
| Fall | BIOL3020 | S24 | 10369 | Arranged | 'To Be Arranged' |
| Spr | BIOL3020 | S34 | 20320 | Arranged | 'To Be Arranged' |

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

**BIOL 3030. Clinical Nephrology**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3030 | S12 | 10370 | Arranged | 'To Be Arranged' |
| Fall | BIOL3030 | S14 | 10371 | Arranged | 'To Be Arranged' |
| Fall | BIOL3030 | S22 | 10372 | Arranged | 'To Be Arranged' |
| Fall | BIOL3030 | S24 | 10373 | Arranged | 'To Be Arranged' |

**BIOL 3035. Clinical Nephrology**.
No description available.

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| Fall | BIOL3035 | S14 | 10374 | Arranged | 'To Be Arranged' |

**BIOL 3040. Clinical Dermatology**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3040 | S12 | 10375 | Arranged | 'To Be Arranged' |
| Fall | BIOL3040 | S14 | 10376 | Arranged | 'To Be Arranged' |
| Fall | BIOL3040 | S21 | 10377 | Arranged | 'To Be Arranged' |
| Fall | BIOL3040 | S22 | 10378 | Arranged | 'To Be Arranged' |
| Fall | BIOL3040 | S24 | 10379 | Arranged | 'To Be Arranged' |
| Spr | BIOL3040 | S32 | 20321 | Arranged | 'To Be Arranged' |
| Spr | BIOL3040 | S34 | 20322 | Arranged | 'To Be Arranged' |

**BIOL 3045. Advanced Dermatology**.
No description available.

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| Fall | BIOL3045 | S14 | 10380 | Arranged | 'To Be Arranged' |
| Fall | BIOL3045 | S23 | 10381 | Arranged | 'To Be Arranged' |
| Fall | BIOL3045 | S24 | 10382 | Arranged | 'To Be Arranged' |

**BIOL 3050. Gastroenterology**.
No description available.

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| Fall | BIOL3050 | S12 | 10383 | Arranged | 'To Be Arranged' |
| Fall | BIOL3050 | S14 | 10384 | Arranged | 'To Be Arranged' |
| Fall | BIOL3050 | S22 | 10385 | Arranged | 'To Be Arranged' |
| Fall | BIOL3050 | S23 | 10386 | Arranged | 'To Be Arranged' |
| Fall | BIOL3050 | S24 | 10387 | Arranged | 'To Be Arranged' |
| Spr | BIOL3050 | S32 | 20323 | Arranged | 'To Be Arranged' |
| Spr | BIOL3050 | S34 | 20324 | Arranged | 'To Be Arranged' |

**BIOL 3060. Gastroenterology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3060 | S01 | 10388 | Arranged | 'To Be Arranged' |
| Fall | BIOL3060 | S12 | 10389 | Arranged | 'To Be Arranged' |
| Fall | BIOL3060 | S14 | 10390 | Arranged | 'To Be Arranged' |
| Fall | BIOL3060 | S22 | 10391 | Arranged | 'To Be Arranged' |
| Fall | BIOL3060 | S24 | 10392 | Arranged | 'To Be Arranged' |
| Spr | BIOL3060 | S32 | 20325 | Arranged | 'To Be Arranged' |

**BIOL 3065. Infectious Disease**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3065 | S12 | 10393 | Arranged | 'To Be Arranged' |
| Fall | BIOL3065 | S14 | 10394 | Arranged | 'To Be Arranged' |
| Fall | BIOL3065 | S24 | 10395 | Arranged | 'To Be Arranged' |
| Spr | BIOL3065 | S34 | 20326 | Arranged | 'To Be Arranged' |

**BIOL 3070. Infectious Disease**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3070 | S12 | 10396 | Arranged | 'To Be Arranged' |
| Fall | BIOL3070 | S14 | 10397 | Arranged | 'To Be Arranged' |
| Fall | BIOL3070 | S22 | 10398 | Arranged | 'To Be Arranged' |
| Fall | BIOL3070 | S23 | 10399 | Arranged | 'To Be Arranged' |
| Fall | BIOL3070 | S24 | 10400 | Arranged | 'To Be Arranged' |
| Spr | BIOL3070 | S34 | 20327 | Arranged | 'To Be Arranged' |

**BIOL 3073. Infectious Disease - Newport**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3073 | S12 | 10401 | Arranged | 'To Be Arranged' |
| Fall | BIOL3073 | S14 | 10402 | Arranged | 'To Be Arranged' |
| Fall | BIOL3073 | S22 | 10403 | Arranged | 'To Be Arranged' |
| Fall | BIOL3073 | S24 | 10404 | Arranged | 'To Be Arranged' |
| Spr | BIOL3073 | S32 | 20328 | Arranged | 'To Be Arranged' |

**BIOL 3075. Infectious Disease**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3075 | S14 | 10405 | Arranged | 'To Be Arranged' |
| Fall | BIOL3075 | S23 | 10406 | Arranged | 'To Be Arranged' |

**BIOL 3080. HIV/AIDS**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3080 | S12 | 10407 | Arranged | 'To Be Arranged' |
| Fall | BIOL3080 | S14 | 10408 | Arranged | 'To Be Arranged' |
| Fall | BIOL3080 | S22 | 10409 | Arranged | 'To Be Arranged' |
| Fall | BIOL3080 | S23 | 10410 | Arranged | 'To Be Arranged' |
| Fall | BIOL3080 | S24 | 10411 | Arranged | 'To Be Arranged' |
| Spr | BIOL3080 | S31 | 20329 | Arranged | 'To Be Arranged' |
| Spr | BIOL3080 | S32 | 20330 | Arranged | 'To Be Arranged' |
| Spr | BIOL3080 | S33 | 20331 | Arranged | 'To Be Arranged' |
| Spr | BIOL3080 | S44 | 20332 | Arranged | 'To Be Arranged' |

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

**BIOL 3100. Cardiology**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3100 | S14 | 10412 | Arranged | 'To Be Arranged' |
| Fall | BIOL3100 | S21 | 10413 | Arranged | 'To Be Arranged' |
| Fall | BIOL3100 | S22 | 10414 | Arranged | 'To Be Arranged' |
| Fall | BIOL3100 | S24 | 10415 | Arranged | 'To Be Arranged' |
| Spr | BIOL3100 | S32 | 20333 | Arranged | 'To Be Arranged' |
| Spr | BIOL3100 | S34 | 20334 | Arranged | 'To Be Arranged' |

**BIOL 3110. Clinical Adult Cardiology**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3110 | S13 | 10416 | Arranged | 'To Be Arranged' |
| Fall | BIOL3110 | S14 | 10417 | Arranged | 'To Be Arranged' |
| Fall | BIOL3110 | S22 | 10418 | Arranged | 'To Be Arranged' |
| Fall | BIOL3110 | S24 | 10419 | Arranged | 'To Be Arranged' |
| Spr | BIOL3110 | S33 | 20335 | Arranged | 'To Be Arranged' |
| Spr | BIOL3110 | S34 | 20336 | Arranged | 'To Be Arranged' |

**BIOL 3120. Coronary Care Unit**.
No description available.

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|---|---|---|---|---|---|
| Fall | BIOL3120 | S12 | 10420 | Arranged | 'To Be Arranged' |
| Fall | BIOL3120 | S13 | 10421 | Arranged | 'To Be Arranged' |
| Fall | BIOL3120 | S14 | 10422 | Arranged | 'To Be Arranged' |
| Fall | BIOL3120 | S22 | 10423 | Arranged | 'To Be Arranged' |
| Fall | BIOL3120 | S24 | 10424 | Arranged | 'To Be Arranged' |
| Spr | BIOL3120 | S32 | 20337 | Arranged | 'To Be Arranged' |
| Spr | BIOL3120 | S34 | 20338 | Arranged | 'To Be Arranged' |

**BIOL 3130. Community General Cardiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3130 | S12 | 10425 | Arranged | 'To Be Arranged' |
| Fall | BIOL3130 | S14 | 10426 | Arranged | 'To Be Arranged' |
| Fall | BIOL3130 | S22 | 10427 | Arranged | 'To Be Arranged' |
| Fall | BIOL3130 | S24 | 10428 | Arranged | 'To Be Arranged' |
| Spr | BIOL3130 | S32 | 20339 | Arranged | 'To Be Arranged' |

**BIOL 3140. Cardiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3140 | S14 | 10429 | Arranged | 'To Be Arranged' |
| Fall | BIOL3140 | S22 | 10430 | Arranged | 'To Be Arranged' |
| Fall | BIOL3140 | S24 | 10431 | Arranged | 'To Be Arranged' |
| Spr | BIOL3140 | S34 | 20340 | Arranged | 'To Be Arranged' |

**BIOL 3165. Med/Peds Infectious Diseases**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3165 | S14 | 10432 | Arranged | 'To Be Arranged' |
| Fall | BIOL3165 | S24 | 10433 | Arranged | 'To Be Arranged' |
| Spr | BIOL3165 | S32 | 20341 | Arranged | 'To Be Arranged' |
| Spr | BIOL3165 | S34 | 20342 | Arranged | 'To Be Arranged' |

**BIOL 3170. Urgent Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3170 | S12 | 10434 | Arranged | 'To Be Arranged' |
| Fall | BIOL3170 | S21 | 10435 | Arranged | 'To Be Arranged' |
| Fall | BIOL3170 | S22 | 10436 | Arranged | 'To Be Arranged' |
| Fall | BIOL3170 | S24 | 10437 | Arranged | 'To Be Arranged' |
| Spr | BIOL3170 | S32 | 20343 | Arranged | 'To Be Arranged' |

**BIOL 3180. Hospice and Palliative Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3180 | S12 | 10438 | Arranged | 'To Be Arranged' |
| Fall | BIOL3180 | S13 | 10439 | Arranged | 'To Be Arranged' |
| Fall | BIOL3180 | S14 | 10440 | Arranged | 'To Be Arranged' |
| Fall | BIOL3180 | S22 | 10441 | Arranged | 'To Be Arranged' |
| Fall | BIOL3180 | S24 | 10442 | Arranged | 'To Be Arranged' |
| Spr | BIOL3180 | S34 | 20344 | Arranged | 'To Be Arranged' |

**BIOL 3190. Palliative Care - RIH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3190 | S14 | 10443 | Arranged | 'To Be Arranged' |
| Fall | BIOL3190 | S23 | 10444 | Arranged | 'To Be Arranged' |
| Fall | BIOL3190 | S24 | 10445 | Arranged | 'To Be Arranged' |
| Spr | BIOL3190 | S34 | 20345 | Arranged | 'To Be Arranged' |

**BIOL 3195. Surgical Palliative Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3195 | S22 | 10446 | Arranged | 'To Be Arranged' |

**BIOL 3200. Tropical Medicine in East Africa**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3200 | S14 | 10447 | Arranged | 'To Be Arranged' |
| Fall | BIOL3200 | S15 | 10448 | Arranged | 'To Be Arranged' |
| Fall | BIOL3200 | S18 | 10449 | Arranged | 'To Be Arranged' |
| Fall | BIOL3200 | S24 | 10450 | Arranged | 'To Be Arranged' |
| Fall | BIOL3200 | S25 | 10451 | Arranged | 'To Be Arranged' |
| Fall | BIOL3200 | S28 | 10452 | Arranged | 'To Be Arranged' |

**BIOL 3205. International Critical Care at Tuebingen**.
No description available.

**BIOL 3207. International Exchange in Japan**.
No description available.

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

**BIOL 3215. Internal Medicine Night Float**.
No description available.

**BIOL 3220. Endocrinology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3220 | S14 | 10453 | Arranged | 'To Be Arranged' |
| Fall | BIOL3220 | S22 | 10454 | Arranged | 'To Be Arranged' |
| Fall | BIOL3220 | S24 | 10455 | Arranged | 'To Be Arranged' |
| Spr | BIOL3220 | S32 | 20346 | Arranged | 'To Be Arranged' |
| Spr | BIOL3220 | S34 | 20347 | Arranged | 'To Be Arranged' |

**BIOL 3230. Hematology Oncology - MH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3230 | S12 | 10456 | Arranged | 'To Be Arranged' |
| Fall | BIOL3230 | S14 | 10457 | Arranged | 'To Be Arranged' |
| Fall | BIOL3230 | S24 | 10458 | Arranged | 'To Be Arranged' |
| Spr | BIOL3230 | S32 | 20348 | Arranged | 'To Be Arranged' |
| Spr | BIOL3230 | S34 | 20349 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3240 | S14 | 10459 | Arranged | 'To Be Arranged' |
| Fall | BIOL3240 | S24 | 10460 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3260 | S24 | 10461 | Arranged | 'To Be Arranged' |

**BIOL 3270. Hematology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3270 | S12 | 10462 | Arranged | 'To Be Arranged' |
| Fall | BIOL3270 | S14 | 10463 | Arranged | 'To Be Arranged' |
| Fall | BIOL3270 | S22 | 10464 | Arranged | 'To Be Arranged' |
| Fall | BIOL3270 | S24 | 10465 | Arranged | 'To Be Arranged' |

**BIOL 3280. Allergy**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3280 | S12 | 10466 | Arranged | 'To Be Arranged' |
| Fall | BIOL3280 | S14 | 10467 | Arranged | 'To Be Arranged' |
| Fall | BIOL3280 | S22 | 10468 | Arranged | 'To Be Arranged' |
| Fall | BIOL3280 | S24 | 10469 | Arranged | 'To Be Arranged' |
| Spr | BIOL3280 | S32 | 20350 | Arranged | 'To Be Arranged' |
| Spr | BIOL3280 | S34 | 20351 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3290 | S12 | 10470 | Arranged | 'To Be Arranged' |
| Fall | BIOL3290 | S14 | 10471 | Arranged | 'To Be Arranged' |
| Fall | BIOL3290 | S24 | 10472 | Arranged | 'To Be Arranged' |
| Spr | BIOL3290 | S32 | 20352 | Arranged | 'To Be Arranged' |
| Spr | BIOL3290 | S34 | 20353 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3300 | S12 | 10473 | Arranged | 'To Be Arranged' |
| Fall | BIOL3300 | S14 | 10474 | Arranged | 'To Be Arranged' |
| Fall | BIOL3300 | S22 | 10475 | Arranged | 'To Be Arranged' |
| Fall | BIOL3300 | S24 | 10476 | Arranged | 'To Be Arranged' |
| Spr | BIOL3300 | S32 | 20354 | Arranged | 'To Be Arranged' |
| Spr | BIOL3300 | S34 | 20355 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3310 | S12 | 10477 | Arranged | 'To Be Arranged' |
| Fall | BIOL3310 | S14 | 10478 | Arranged | 'To Be Arranged' |
| Fall | BIOL3310 | S22 | 10479 | Arranged | 'To Be Arranged' |
| Fall | BIOL3310 | S24 | 10480 | Arranged | 'To Be Arranged' |
| Spr | BIOL3310 | S34 | 20356 | Arranged | 'To Be Arranged' |

**BIOL 3315. Pulmonary - Inpatient - MH**.
No description available.

**BIOL 3320. Critical Care Consult Service**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3320 | S12 | 10481 | Arranged | 'To Be Arranged' |
| Fall | BIOL3320 | S14 | 10482 | Arranged | 'To Be Arranged' |
| Fall | BIOL3320 | S22 | 10483 | Arranged | 'To Be Arranged' |
| Fall | BIOL3320 | S24 | 10484 | Arranged | 'To Be Arranged' |
| Spr | BIOL3320 | S34 | 20357 | Arranged | 'To Be Arranged' |

**BIOL 3325. Critical Care Elective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3325 | S12 | 10485 | Arranged | 'To Be Arranged' |
| Fall | BIOL3325 | S22 | 10486 | Arranged | 'To Be Arranged' |

**BIOL 3326. Concussion and Brain Injury Rehabilitation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3326 | S14 | 10487 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3330 | S10 | 10488 | Arranged | 'To Be Arranged' |
| Fall | BIOL3330 | S14 | 10489 | Arranged | 'To Be Arranged' |
| Fall | BIOL3330 | S24 | 10490 | Arranged | 'To Be Arranged' |
| Spr | BIOL3330 | S34 | 20358 | Arranged | 'To Be Arranged' |

**BIOL 3331. Subinternship in Medicine - MH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3331 | S14 | 10491 | Arranged | 'To Be Arranged' |
| Fall | BIOL3331 | S24 | 10492 | Arranged | 'To Be Arranged' |

**BIOL 3332. Subinternship in Medicine - MHRI**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3332 | S14 | 10493 | Arranged | 'To Be Arranged' |
| Fall | BIOL3332 | S24 | 10494 | Arranged | 'To Be Arranged' |

**BIOL 3333. Subinternship in Medicine - RIH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3333 | S14 | 10495 | Arranged | 'To Be Arranged' |
| Fall | BIOL3333 | S24 | 10496 | Arranged | 'To Be Arranged' |

**BIOL 3334. Subinternship in Medicine - VAMC**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3334 | S14 | 10497 | Arranged | 'To Be Arranged' |
| Fall | BIOL3334 | S24 | 10498 | Arranged | 'To Be Arranged' |

**BIOL 3336. Subinternship in Hematology/Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3336 | S14 | 10499 | Arranged | 'To Be Arranged' |
| Fall | BIOL3336 | S24 | 10500 | Arranged | 'To Be Arranged' |

**BIOL 3337. Subinternship in Medicine -Newport**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3337 | S14 | 10501 | Arranged | 'To Be Arranged' |
| Fall | BIOL3337 | S24 | 10502 | Arranged | 'To Be Arranged' |

**BIOL 3340. Subinternship in Medical Intensive Care (MICU)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3340 | S14 | 10503 | Arranged | 'To Be Arranged' |
| Fall | BIOL3340 | S24 | 10504 | Arranged | 'To Be Arranged' |
| Spr | BIOL3340 | S32 | 20359 | Arranged | 'To Be Arranged' |
| Spr | BIOL3340 | S34 | 20360 | Arranged | 'To Be Arranged' |

**BIOL 3350. Subinternship in Critical Care Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3350 | S14 | 10505 | Arranged | 'To Be Arranged' |
| Fall | BIOL3350 | S24 | 10506 | Arranged | 'To Be Arranged' |
| Spr | BIOL3350 | S34 | 20361 | Arranged | 'To Be Arranged' |

**BIOL 3370. Subinternship in Intensive Care Medicine (ICU)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3370 | S13 | 10507 | Arranged | 'To Be Arranged' |
| Fall | BIOL3370 | S14 | 10508 | Arranged | 'To Be Arranged' |
| Fall | BIOL3370 | S24 | 10509 | Arranged | 'To Be Arranged' |
| Spr | BIOL3370 | S34 | 20362 | Arranged | 'To Be Arranged' |

**BIOL 3390. Psychiatry in Medical Practice**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3390 | S12 | 10510 | Arranged | 'To Be Arranged' |
| Fall | BIOL3390 | S14 | 10511 | Arranged | 'To Be Arranged' |
| Fall | BIOL3390 | S15 | 10512 | Arranged | 'To Be Arranged' |
| Fall | BIOL3390 | S22 | 10513 | Arranged | 'To Be Arranged' |
| Fall | BIOL3390 | S23 | 10514 | Arranged | 'To Be Arranged' |
| Fall | BIOL3390 | S24 | 10515 | Arranged | 'To Be Arranged' |
| Spr | BIOL3390 | S34 | 20363 | Arranged | 'To Be Arranged' |

**BIOL 3400. Medical Consultation - OB/Gyn**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3400 | S14 | 10516 | Arranged | 'To Be Arranged' |
| Fall | BIOL3400 | S24 | 10517 | Arranged | 'To Be Arranged' |
| Spr | BIOL3400 | S34 | 20364 | Arranged | 'To Be Arranged' |

**BIOL 3405. Medical Consult in OB/Gyn and Periop Med**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3405 | S12 | 10518 | Arranged | 'To Be Arranged' |
| Fall | BIOL3405 | S14 | 10519 | Arranged | 'To Be Arranged' |
| Fall | BIOL3405 | S22 | 10520 | Arranged | 'To Be Arranged' |
| Fall | BIOL3405 | S23 | 10521 | Arranged | 'To Be Arranged' |
| Fall | BIOL3405 | S24 | 10522 | Arranged | 'To Be Arranged' |
| Spr | BIOL3405 | S34 | 20365 | Arranged | 'To Be Arranged' |

**BIOL 3410. Internal Medicine in the Dominican Republic**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3410 | S24 | 10523 | Arranged | 'To Be Arranged' |

**BIOL 3415. Clinical Medicine in Nicaragua**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3415 | S14 | 10524 | Arranged | 'To Be Arranged' |

**BIOL 3420. Physical Medicine + Rehabilitation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3420 | S14 | 10525 | Arranged | 'To Be Arranged' |
| Fall | BIOL3420 | S16 | 10526 | Arranged | 'To Be Arranged' |
| Fall | BIOL3420 | S24 | 10527 | Arranged | 'To Be Arranged' |

**BIOL 3425. Men's Health: Lifestyle Medicine in Practice**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3425 | S24 | 10528 | 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.

**BIOL 3480. Nuclear, Biological, Chemical Weapons of Mass Destruction Domestic Preparedness Training Seminar**.
No description available.

**BIOL 3490. Cardiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3490 | S14 | 10529 | Arranged | 'To Be Arranged' |
| Fall | BIOL3490 | S22 | 10530 | Arranged | 'To Be Arranged' |
| Fall | BIOL3490 | S23 | 10531 | Arranged | 'To Be Arranged' |
| Fall | BIOL3490 | S24 | 10532 | Arranged | 'To Be Arranged' |
| Spr | BIOL3490 | S34 | 20366 | Arranged | 'To Be Arranged' |

**BIOL 3500. Cardiovascular Medicine - Outpatient and Inpatient Practice**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3500 | S14 | 10533 | Arranged | 'To Be Arranged' |
| Fall | BIOL3500 | S22 | 10534 | Arranged | 'To Be Arranged' |
| Fall | BIOL3500 | S24 | 10535 | Arranged | 'To Be Arranged' |
| Spr | BIOL3500 | S34 | 20367 | Arranged | 'To Be Arranged' |

**BIOL 3505. Medical and Interventional Pain Management**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3505 | S12 | 10536 | Arranged | 'To Be Arranged' |
| Fall | BIOL3505 | S14 | 10537 | Arranged | 'To Be Arranged' |
| Fall | BIOL3505 | S22 | 10538 | Arranged | 'To Be Arranged' |
| Fall | BIOL3505 | S24 | 10539 | Arranged | 'To Be Arranged' |
| Spr | BIOL3505 | S32 | 20368 | Arranged | 'To Be Arranged' |
| Spr | BIOL3505 | S33 | 20369 | Arranged | 'To Be Arranged' |

**BIOL 3510. Clinical Reasoning and Human Errors in Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3510 | S14 | 10540 | Arranged | 'To Be Arranged' |
| Fall | BIOL3510 | S24 | 10541 | Arranged | 'To Be Arranged' |

**BIOL 3515. Rheumatology Elective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3515 | S14 | 10542 | Arranged | 'To Be Arranged' |
| Fall | BIOL3515 | S22 | 10543 | Arranged | 'To Be Arranged' |
| Fall | BIOL3515 | S24 | 10544 | Arranged | 'To Be Arranged' |

**BIOL 3516. Introduction to POCUS**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3516 | S11 | 10545 | Arranged | 'To Be Arranged' |
| Fall | BIOL3516 | S12 | 10546 | Arranged | 'To Be Arranged' |
| Fall | BIOL3516 | S21 | 10547 | Arranged | 'To Be Arranged' |
| Fall | BIOL3516 | S22 | 10548 | Arranged | 'To Be Arranged' |

**BIOL 3517. Interprofessional Practice: A Nursing Perspective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3517 | S12 | 10549 | Arranged | 'To Be Arranged' |
| Fall | BIOL3517 | S22 | 10550 | Arranged | 'To Be Arranged' |

**BIOL 3518. Social Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3518 | S14 | 10551 | Arranged | 'To Be Arranged' |
| Fall | BIOL3518 | S24 | 10552 | Arranged | 'To Be Arranged' |

**BIOL 3519. Intro to Lifestyle Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3519 | S12 | 10553 | Arranged | 'To Be Arranged' |
| Fall | BIOL3519 | S22 | 10554 | Arranged | 'To Be Arranged' |

**BIOL 3551. Advanced Clinical Mentorship in Renal**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3551 | S21 | 10555 | Arranged | 'To Be Arranged' |

**BIOL 3552. Advanced Clinical Mentorship in Dermatology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3552 | S11 | 10556 | Arranged | 'To Be Arranged' |
| Spr | BIOL3552 | S31 | 20370 | Arranged | 'To Be Arranged' |
| Spr | BIOL3552 | S41 | 20371 | Arranged | 'To Be Arranged' |

**BIOL 3553. Advanced Clinical Mentorship in Cardiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3553 | S12 | 10557 | Arranged | 'To Be Arranged' |

**BIOL 3554. Advanced Clinical Mentorship in Endocrinology**.
No description available.

**BIOL 3555. Advanced Clinical Mentorship in Med/Peds Primary Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3555 | S11 | 10558 | Arranged | 'To Be Arranged' |

**BIOL 3556. Advanced Clinical Mentorship in Infectious Disease**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3556 | S21 | 10559 | Arranged | 'To Be Arranged' |

**BIOL 3557. Advanced Clinical Mentorship in Comprehensive HIV Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3557 | S22 | 10560 | Arranged | 'To Be Arranged' |

**BIOL 3558. Advanced Clinical Mentorship in Adult Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3558 | S21 | 10561 | Arranged | 'To Be Arranged' |

**BIOL 3559. Advanced Clinical Mentorship in Hematology/Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3559 | S12 | 10562 | Arranged | 'To Be Arranged' |
| Fall | BIOL3559 | S21 | 10563 | Arranged | 'To Be Arranged' |
| Spr | BIOL3559 | S42 | 20372 | Arranged | 'To Be Arranged' |

**BIOL 3560. Advanced Clinical Mentorship in Pulmonary Disease**.
No description available.

**BIOL 3561. Advanced Clinical Mentorship in Rheumatology**.
No description available.

**BIOL 3562. Advanced Clinical Mentorship in Internal Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3562 | S11 | 10564 | Arranged | 'To Be Arranged' |
| Fall | BIOL3562 | S12 | 10565 | Arranged | 'To Be Arranged' |
| Fall | BIOL3562 | S21 | 10566 | Arranged | 'To Be Arranged' |
| Fall | BIOL3562 | S22 | 10567 | Arranged | 'To Be Arranged' |
| Spr | BIOL3562 | S31 | 20373 | Arranged | 'To Be Arranged' |
| Spr | BIOL3562 | S41 | 20374 | Arranged | 'To Be Arranged' |

**BIOL 3563. Advanced Clinical Mentorship in Gastroenterology**.
No description available.

**BIOL 3564. Advanced Clinical Mentorship in Functional Neurosurgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3564 | S11 | 10568 | Arranged | 'To Be Arranged' |
| Fall | BIOL3564 | S12 | 10569 | Arranged | 'To Be Arranged' |
| Fall | BIOL3564 | S21 | 10570 | Arranged | 'To Be Arranged' |

**BIOL 3565. Advanced Clinical Mentorship in Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3565 | S11 | 10571 | Arranged | 'To Be Arranged' |
| Fall | BIOL3565 | S21 | 10572 | Arranged | 'To Be Arranged' |
| Fall | BIOL3565 | S22 | 10573 | Arranged | 'To Be Arranged' |
| Spr | BIOL3565 | S41 | 20375 | Arranged | 'To Be Arranged' |

**BIOL 3566. Advanced Clinical Mentorship in Orthopedic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3566 | S11 | 10574 | Arranged | 'To Be Arranged' |
| Fall | BIOL3566 | S21 | 10575 | Arranged | 'To Be Arranged' |
| Spr | BIOL3566 | S41 | 20376 | Arranged | 'To Be Arranged' |

**BIOL 3567. Advanced Clinical Mentorship in Anesthesiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3567 | S11 | 10576 | Arranged | 'To Be Arranged' |
| Fall | BIOL3567 | S21 | 10577 | Arranged | 'To Be Arranged' |
| Fall | BIOL3567 | S22 | 10578 | Arranged | 'To Be Arranged' |
| Spr | BIOL3567 | S41 | 20377 | Arranged | 'To Be Arranged' |

**BIOL 3568. Advanced Clinical Mentorship in Ophthalmology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3568 | S11 | 10579 | Arranged | 'To Be Arranged' |
| Fall | BIOL3568 | S12 | 10580 | Arranged | 'To Be Arranged' |
| Fall | BIOL3568 | S21 | 10581 | Arranged | 'To Be Arranged' |
| Fall | BIOL3568 | S22 | 10582 | Arranged | 'To Be Arranged' |
| Spr | BIOL3568 | S31 | 20378 | Arranged | 'To Be Arranged' |
| Spr | BIOL3568 | S41 | 20379 | Arranged | 'To Be Arranged' |

**BIOL 3569. Advanced Clinical Mentorship in Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3569 | S11 | 10583 | Arranged | 'To Be Arranged' |
| Fall | BIOL3569 | S12 | 10584 | Arranged | 'To Be Arranged' |
| Fall | BIOL3569 | S21 | 10585 | Arranged | 'To Be Arranged' |
| Fall | BIOL3569 | S22 | 10586 | Arranged | 'To Be Arranged' |
| Spr | BIOL3569 | S41 | 20380 | Arranged | 'To Be Arranged' |

**BIOL 3570. Advanced Clinical Mentorship in Pediatric Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3570 | S21 | 10587 | Arranged | 'To Be Arranged' |

**BIOL 3571. Advanced Clinical Mentorship in Urology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3571 | S31 | 20381 | Arranged | 'To Be Arranged' |

**BIOL 3572. Advanced Clinical Mentorship in Hand Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3572 | S12 | 10588 | Arranged | 'To Be Arranged' |

**BIOL 3573. Advanced Clinical Mentorship in ENT**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3573 | S11 | 10589 | Arranged | 'To Be Arranged' |

**BIOL 3574. Advanced Clinical Mentorship in Pancreatic Surgery**.
No description available.

**BIOL 3575. Advanced Clinical Mentorship in Pediatric Neurology**.
No description available.

**BIOL 3576. Advanced Clinical Mentorship in Pediatrics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3576 | S11 | 10590 | Arranged | 'To Be Arranged' |
| Fall | BIOL3576 | S12 | 10591 | Arranged | 'To Be Arranged' |
| Fall | BIOL3576 | S21 | 10592 | Arranged | 'To Be Arranged' |
| Fall | BIOL3576 | S22 | 10593 | Arranged | 'To Be Arranged' |
| Spr | BIOL3576 | S41 | 20382 | Arranged | 'To Be Arranged' |

**BIOL 3577. Advanced Clinical Mentorship in OB/Gyn**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3577 | S11 | 10594 | Arranged | 'To Be Arranged' |
| Fall | BIOL3577 | S12 | 10595 | Arranged | 'To Be Arranged' |
| Fall | BIOL3577 | S21 | 10596 | Arranged | 'To Be Arranged' |
| Fall | BIOL3577 | S22 | 10597 | Arranged | 'To Be Arranged' |
| Spr | BIOL3577 | S31 | 20383 | Arranged | 'To Be Arranged' |
| Spr | BIOL3577 | S41 | 20384 | Arranged | 'To Be Arranged' |

**BIOL 3578. Advanced Clinical Mentorship in Outpatient Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3578 | S11 | 10598 | Arranged | 'To Be Arranged' |
| Fall | BIOL3578 | S21 | 10599 | Arranged | 'To Be Arranged' |
| Spr | BIOL3578 | S31 | 20385 | Arranged | 'To Be Arranged' |
| Spr | BIOL3578 | S41 | 20386 | Arranged | 'To Be Arranged' |

**BIOL 3579. Advanced Clinical Mentorship in Child Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3579 | S12 | 10600 | Arranged | 'To Be Arranged' |
| Fall | BIOL3579 | S21 | 10601 | Arranged | 'To Be Arranged' |

**BIOL 3580. Advanced Clinical Mentorship in Clinical Rehabilitation Medicine**.
No description available.

**BIOL 3581. Advanced Clinical Mentorship in Emergency Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3581 | S11 | 10602 | Arranged | 'To Be Arranged' |
| Fall | BIOL3581 | S12 | 10603 | Arranged | 'To Be Arranged' |
| Fall | BIOL3581 | S21 | 10604 | Arranged | 'To Be Arranged' |
| Fall | BIOL3581 | S22 | 10605 | Arranged | 'To Be Arranged' |
| Spr | BIOL3581 | S31 | 20387 | Arranged | 'To Be Arranged' |
| Spr | BIOL3581 | S41 | 20388 | Arranged | 'To Be Arranged' |

**BIOL 3582. Advanced Clinical Mentorship in Pediatric Emergency Medicine**.
No description available.

**BIOL 3583. Advanced Clinical Mentorship in Family Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3583 | S11 | 10606 | Arranged | 'To Be Arranged' |
| Fall | BIOL3583 | S12 | 10607 | Arranged | 'To Be Arranged' |
| Fall | BIOL3583 | S21 | 10608 | Arranged | 'To Be Arranged' |
| Fall | BIOL3583 | S22 | 10609 | Arranged | 'To Be Arranged' |
| Spr | BIOL3583 | S31 | 20389 | Arranged | 'To Be Arranged' |

**BIOL 3584. Advanced Clinical Mentorship Vascular and Interventional Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3584 | S12 | 10610 | Arranged | 'To Be Arranged' |
| Fall | BIOL3584 | S21 | 10611 | Arranged | 'To Be Arranged' |

**BIOL 3585. Advanced Clinical Mentorship in Radiation Oncology**.
No description available.

**BIOL 3586. Advanced Clinical Mentorship Independent Study**.
No description available.

**BIOL 3587. Advanced Clinical Mentorship in Primary Care/Behavioral Medicine**.
No description available.

**BIOL 3588. Advanced Clinical Mentorship in Plastic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3588 | S12 | 10612 | Arranged | 'To Be Arranged' |
| Fall | BIOL3588 | S21 | 10613 | Arranged | 'To Be Arranged' |

**BIOL 3589. Advanced Clinical Mentorship in Refugee Health**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3589 | S21 | 10614 | Arranged | 'To Be Arranged' |

**BIOL 3590. Advanced Clinical Mentorship in Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3590 | S11 | 10615 | Arranged | 'To Be Arranged' |
| Spr | BIOL3590 | S41 | 20390 | Arranged | 'To Be Arranged' |

**BIOL 3591. Advanced Clinical Mentorship in Pediatric Endocrinology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3591 | S11 | 10616 | Arranged | 'To Be Arranged' |

**BIOL 3592. ACM in Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3592 | S41 | 20391 | Arranged | 'To Be Arranged' |

**BIOL 3640. Doctoring 1**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3640 | S01 | 10617 | Arranged | 'To Be Arranged' |

**BIOL 3641. Integrated Medical Sciences I**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3641 | S01 | 10618 | Arranged | 'To Be Arranged' |

**BIOL 3642. IMS 1 - Scientific Foundations of Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3642 | S01 | 10619 | Arranged | 'To Be Arranged' |

**BIOL 3643. IMS-1 Histology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3643 | S01 | 10620 | Arranged | 'To Be Arranged' |

**BIOL 3644. IMS-1 Human Anatomy I**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3644 | S01 | 10621 | Arranged | 'To Be Arranged' |
| Fall | BIOL3644 | S21 | 10622 | Arranged | 'To Be Arranged' |

**BIOL 3645. IMS-1 General Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3645 | S01 | 10623 | Arranged | 'To Be Arranged' |

**BIOL 3650. Doctoring 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3650 | S01 | 20392 | Arranged | 'To Be Arranged' |

**BIOL 3651. Integrated Medical Sciences II - Comprehensive**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3651 | S01 | 20393 | Arranged | 'To Be Arranged' |

**BIOL 3652. IMS-2 Brain Sciences**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3652 | S01 | 20394 | Arranged | 'To Be Arranged' |

**BIOL 3653. IMS-2 Microbiology/Infectious Diseases**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3653 | S01 | 10624 | Arranged | 'To Be Arranged' |
| Spr | BIOL3653 | S01 | 20395 | Arranged | 'To Be Arranged' |

**BIOL 3654. IMS-2 Endocrine Sciences**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3654 | S01 | 10625 | Arranged | 'To Be Arranged' |
| Spr | BIOL3654 | S01 | 20396 | Arranged | 'To Be Arranged' |

**BIOL 3655. Human Anatomy II**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3655 | S01 | 20397 | Arranged | 'To Be Arranged' |
| Spr | BIOL3655 | S31 | 20398 | Arranged | 'To Be Arranged' |

**BIOL 3656. Health Systems Science**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3656 | S01 | 10626 | Arranged | 'To Be Arranged' |

**BIOL 3657. Health Systems and Policy II**.
No description available.

**BIOL 3660. Doctoring 3**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3660 | S01 | 10627 | Arranged | 'To Be Arranged' |

**BIOL 3661. Integrated Medical Sciences III - Comprehensive**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3661 | S01 | 10628 | Arranged | 'To Be Arranged' |

**BIOL 3662. IMS-3 Cardiovascular**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3662 | S01 | 10629 | Arranged | 'To Be Arranged' |

**BIOL 3663. IMS-3 Pulmonary**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3663 | S01 | 10630 | Arranged | 'To Be Arranged' |

**BIOL 3664. IMS-3 Renal**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3664 | S01 | 10631 | Arranged | 'To Be Arranged' |

**BIOL 3665. IMS-II Supporting Structures**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3665 | S01 | 10632 | Arranged | 'To Be Arranged' |
| Spr | BIOL3665 | S01 | 20399 | Arranged | 'To Be Arranged' |

**BIOL 3666. Integrated Medical Sciences III - Systemic Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3666 | S01 | 10633 | Arranged | 'To Be Arranged' |

**BIOL 3667. Integrated Medical Sciences III - System-Based Pharmacology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3667 | S01 | 10634 | Arranged | 'To Be Arranged' |

**BIOL 3670. Doctoring 4**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3670 | S01 | 20400 | Arranged | 'To Be Arranged' |

**BIOL 3671. Integrated Medical Sciences IV - Comprehensive**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3671 | S01 | 20401 | Arranged | 'To Be Arranged' |

**BIOL 3672. IMS-4 Hematology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3672 | S01 | 20402 | Arranged | 'To Be Arranged' |

**BIOL 3673. IMS-4 Gastroenterology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3673 | S01 | 20403 | Arranged | 'To Be Arranged' |

**BIOL 3674. IMS-3 Human Reproduction**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3674 | S01 | 10635 | Arranged | 'To Be Arranged' |

**BIOL 3675. Integrated Medical Sciences IV - Systemic Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3675 | S01 | 20404 | Arranged | 'To Be Arranged' |

**BIOL 3676. Integrated Medical Sciences IV - System-Based Pharmacology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Spr | BIOL3676 | S01 | 20405 | Arranged | 'To Be Arranged' |

**BIOL 3691. System-Based Pharmacology**.
No description available.

**BIOL 3750. Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3750 | S12 | 10636 | Arranged | 'To Be Arranged' |
| Fall | BIOL3750 | S13 | 10637 | Arranged | 'To Be Arranged' |
| Fall | BIOL3750 | S14 | 10638 | Arranged | 'To Be Arranged' |
| Fall | BIOL3750 | S22 | 10639 | Arranged | 'To Be Arranged' |
| Fall | BIOL3750 | S23 | 10640 | Arranged | 'To Be Arranged' |
| Fall | BIOL3750 | S24 | 10641 | Arranged | 'To Be Arranged' |
| Spr | BIOL3750 | S32 | 20406 | Arranged | 'To Be Arranged' |
| Spr | BIOL3750 | S34 | 20407 | Arranged | 'To Be Arranged' |

**BIOL 3760. Clinical Neurology**.
No description available.

**BIOL 3770. Clinical Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3770 | S11 | 10642 | Arranged | 'To Be Arranged' |
| Fall | BIOL3770 | S12 | 10643 | Arranged | 'To Be Arranged' |
| Fall | BIOL3770 | S22 | 10644 | Arranged | 'To Be Arranged' |
| Spr | BIOL3770 | S32 | 20408 | Arranged | 'To Be Arranged' |

**BIOL 3775. Subinternship in Neurocritical Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3775 | S14 | 10645 | Arranged | 'To Be Arranged' |
| Fall | BIOL3775 | S24 | 10646 | Arranged | 'To Be Arranged' |
| Spr | BIOL3775 | S34 | 20409 | Arranged | 'To Be Arranged' |

**BIOL 3776. Elective in Neurocritical Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3776 | S12 | 10647 | Arranged | 'To Be Arranged' |
| Fall | BIOL3776 | S22 | 10648 | Arranged | 'To Be Arranged' |
| Spr | BIOL3776 | S32 | 20410 | Arranged | 'To Be Arranged' |

**BIOL 3780. Comprehensive Elective in Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3780 | S14 | 10649 | Arranged | 'To Be Arranged' |
| Fall | BIOL3780 | S24 | 10650 | Arranged | 'To Be Arranged' |

**BIOL 3785. Subinternship in Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3785 | S14 | 10651 | Arranged | 'To Be Arranged' |
| Fall | BIOL3785 | S24 | 10652 | Arranged | 'To Be Arranged' |

**BIOL 3790. Aging and Dementia**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3790 | S12 | 10653 | Arranged | 'To Be Arranged' |
| Fall | BIOL3790 | S22 | 10654 | Arranged | 'To Be Arranged' |
| Fall | BIOL3790 | S24 | 10655 | Arranged | 'To Be Arranged' |
| Spr | BIOL3790 | S32 | 20411 | Arranged | 'To Be Arranged' |
| Spr | BIOL3790 | S34 | 20412 | Arranged | 'To Be Arranged' |

**BIOL 3795. Neurophysiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3795 | S14 | 10656 | Arranged | 'To Be Arranged' |
| Fall | BIOL3795 | S24 | 10657 | Arranged | 'To Be Arranged' |

**BIOL 3800. Neurosurgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3800 | S12 | 10658 | Arranged | 'To Be Arranged' |
| Fall | BIOL3800 | S13 | 10659 | Arranged | 'To Be Arranged' |
| Fall | BIOL3800 | S14 | 10660 | Arranged | 'To Be Arranged' |
| Fall | BIOL3800 | S22 | 10661 | Arranged | 'To Be Arranged' |
| Fall | BIOL3800 | S24 | 10662 | Arranged | 'To Be Arranged' |
| Spr | BIOL3800 | S32 | 20413 | Arranged | 'To Be Arranged' |
| Spr | BIOL3800 | S34 | 20414 | Arranged | 'To Be Arranged' |

**BIOL 3815. Subinternship in Neurosurgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3815 | S14 | 10663 | Arranged | 'To Be Arranged' |
| Fall | BIOL3815 | S15 | 10664 | Arranged | 'To Be Arranged' |
| Fall | BIOL3815 | S24 | 10665 | Arranged | 'To Be Arranged' |

**BIOL 3820. Neurointerventional Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3820 | S12 | 10666 | Arranged | 'To Be Arranged' |
| Fall | BIOL3820 | S14 | 10667 | Arranged | 'To Be Arranged' |
| Fall | BIOL3820 | S22 | 10668 | Arranged | 'To Be Arranged' |
| Fall | BIOL3820 | S24 | 10669 | 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.

**BIOL 3900. Core Clerkship in Surgery**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3900 | S01 | 10670 | Arranged | 'To Be Arranged' |
| Fall | BIOL3900 | S02 | 10671 | Arranged | 'To Be Arranged' |
| Spr | BIOL3900 | S03 | 20415 | Arranged | 'To Be Arranged' |

**BIOL 3905. Individual Clerkship in Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3905 | S14 | 10672 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3910 | S12 | 10673 | Arranged | 'To Be Arranged' |
| Fall | BIOL3910 | S13 | 10674 | Arranged | 'To Be Arranged' |
| Fall | BIOL3910 | S14 | 10675 | Arranged | 'To Be Arranged' |
| Fall | BIOL3910 | S24 | 10676 | Arranged | 'To Be Arranged' |
| Spr | BIOL3910 | S32 | 20416 | Arranged | 'To Be Arranged' |
| Spr | BIOL3910 | S34 | 20417 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3915 | S01 | 10677 | Arranged | 'To Be Arranged' |
| Spr | BIOL3915 | S04 | 20418 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3920 | S14 | 10678 | Arranged | 'To Be Arranged' |
| Fall | BIOL3920 | S22 | 10679 | Arranged | 'To Be Arranged' |
| Fall | BIOL3920 | S24 | 10680 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3930 | S12 | 10681 | Arranged | 'To Be Arranged' |
| Fall | BIOL3930 | S14 | 10682 | Arranged | 'To Be Arranged' |
| Fall | BIOL3930 | S22 | 10683 | Arranged | 'To Be Arranged' |
| Fall | BIOL3930 | S23 | 10684 | Arranged | 'To Be Arranged' |
| Fall | BIOL3930 | S24 | 10685 | Arranged | 'To Be Arranged' |
| Spr | BIOL3930 | S32 | 20419 | Arranged | 'To Be Arranged' |

**BIOL 3940. Subinternship in Surgical Intensive Care (SICU)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3940 | S14 | 10686 | Arranged | 'To Be Arranged' |
| Fall | BIOL3940 | S24 | 10687 | Arranged | 'To Be Arranged' |
| Spr | BIOL3940 | S32 | 20420 | Arranged | 'To Be Arranged' |
| Spr | BIOL3940 | S34 | 20421 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3950 | S12 | 10688 | Arranged | 'To Be Arranged' |
| Fall | BIOL3950 | S14 | 10689 | Arranged | 'To Be Arranged' |
| Fall | BIOL3950 | S22 | 10690 | Arranged | 'To Be Arranged' |
| Fall | BIOL3950 | S24 | 10691 | Arranged | 'To Be Arranged' |
| Spr | BIOL3950 | S32 | 20422 | Arranged | 'To Be Arranged' |
| Spr | BIOL3950 | S34 | 20423 | Arranged | 'To Be Arranged' |

**BIOL 3960. Subinternship in Orthopedic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3960 | S14 | 10692 | Arranged | 'To Be Arranged' |
| Fall | BIOL3960 | S24 | 10693 | Arranged | 'To Be Arranged' |
| Spr | BIOL3960 | S34 | 20424 | Arranged | 'To Be Arranged' |

**BIOL 3965. Physical Medicine and Rehabilitation (PM&R): Outpatient**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3965 | S13 | 10694 | Arranged | 'To Be Arranged' |
| Fall | BIOL3965 | S14 | 10695 | Arranged | 'To Be Arranged' |
| Fall | BIOL3965 | S24 | 10696 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3970 | S14 | 10697 | Arranged | 'To Be Arranged' |
| Fall | BIOL3970 | S24 | 10698 | Arranged | 'To Be Arranged' |

**BIOL 3975. Primary Care Orthopedics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3975 | S12 | 10699 | Arranged | 'To Be Arranged' |

**BIOL 3980. Hand and Upper Extremity Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3980 | S14 | 10700 | Arranged | 'To Be Arranged' |
| Fall | BIOL3980 | S22 | 10701 | Arranged | 'To Be Arranged' |
| Fall | BIOL3980 | S24 | 10702 | Arranged | 'To Be Arranged' |
| Spr | BIOL3980 | S32 | 20425 | Arranged | 'To Be Arranged' |

**BIOL 3985. Orthopedic Surgery and Sports Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3985 | S14 | 10703 | Arranged | 'To Be Arranged' |
| Fall | BIOL3985 | S24 | 10704 | Arranged | 'To Be Arranged' |
| Spr | BIOL3985 | S34 | 20426 | Arranged | 'To Be Arranged' |

**BIOL 3990. Pediatric Orthopedic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3990 | S12 | 10705 | Arranged | 'To Be Arranged' |
| Fall | BIOL3990 | S14 | 10706 | Arranged | 'To Be Arranged' |
| Fall | BIOL3990 | S22 | 10707 | Arranged | 'To Be Arranged' |
| Fall | BIOL3990 | S24 | 10708 | Arranged | 'To Be Arranged' |
| Spr | BIOL3990 | S32 | 20427 | Arranged | 'To Be Arranged' |
| Spr | BIOL3990 | S34 | 20428 | Arranged | 'To Be Arranged' |

**BIOL 3995. Orthopedic Surgery and Sports Medicine in a Community Setting**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL3995 | S14 | 10709 | Arranged | 'To Be Arranged' |
| Fall | BIOL3995 | S24 | 10710 | Arranged | 'To Be Arranged' |
| Spr | BIOL3995 | S34 | 20429 | Arranged | 'To Be Arranged' |

**BIOL 4000. Outpatient Orthopedics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4000 | S22 | 10711 | Arranged | 'To Be Arranged' |

**BIOL 4010. Anesthesiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4010 | S10 | 10712 | Arranged | 'To Be Arranged' |
| Fall | BIOL4010 | S12 | 10713 | Arranged | 'To Be Arranged' |
| Fall | BIOL4010 | S14 | 10714 | Arranged | 'To Be Arranged' |
| Fall | BIOL4010 | S21 | 10715 | Arranged | 'To Be Arranged' |
| Fall | BIOL4010 | S22 | 10716 | Arranged | 'To Be Arranged' |
| Fall | BIOL4010 | S24 | 10717 | Arranged | 'To Be Arranged' |
| Spr | BIOL4010 | S32 | 20430 | Arranged | 'To Be Arranged' |
| Spr | BIOL4010 | S34 | 20431 | Arranged | 'To Be Arranged' |

**BIOL 4011. Anesthesiology - MH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4011 | S12 | 10718 | Arranged | 'To Be Arranged' |
| Fall | BIOL4011 | S14 | 10719 | Arranged | 'To Be Arranged' |
| Fall | BIOL4011 | S22 | 10720 | Arranged | 'To Be Arranged' |
| Fall | BIOL4011 | S24 | 10721 | Arranged | 'To Be Arranged' |
| Spr | BIOL4011 | S32 | 20432 | Arranged | 'To Be Arranged' |

**BIOL 4012. Anesthesiology - RIH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4012 | S12 | 10722 | Arranged | 'To Be Arranged' |
| Fall | BIOL4012 | S14 | 10723 | Arranged | 'To Be Arranged' |
| Fall | BIOL4012 | S22 | 10724 | Arranged | 'To Be Arranged' |
| Fall | BIOL4012 | S23 | 10725 | Arranged | 'To Be Arranged' |
| Fall | BIOL4012 | S24 | 10726 | Arranged | 'To Be Arranged' |
| Spr | BIOL4012 | S32 | 20433 | Arranged | 'To Be Arranged' |
| Spr | BIOL4012 | S34 | 20434 | Arranged | 'To Be Arranged' |

**BIOL 4013. Anesthesiology - WIH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4013 | S11 | 10727 | Arranged | 'To Be Arranged' |
| Fall | BIOL4013 | S12 | 10728 | Arranged | 'To Be Arranged' |
| Fall | BIOL4013 | S14 | 10729 | Arranged | 'To Be Arranged' |
| Fall | BIOL4013 | S22 | 10730 | Arranged | 'To Be Arranged' |
| Fall | BIOL4013 | S24 | 10731 | Arranged | 'To Be Arranged' |
| Spr | BIOL4013 | S32 | 20435 | Arranged | 'To Be Arranged' |
| Spr | BIOL4013 | S34 | 20436 | Arranged | 'To Be Arranged' |

**BIOL 4020. Pediatric Anesthesiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4020 | S12 | 10732 | Arranged | 'To Be Arranged' |
| Fall | BIOL4020 | S14 | 10733 | Arranged | 'To Be Arranged' |
| Fall | BIOL4020 | S22 | 10734 | Arranged | 'To Be Arranged' |
| Fall | BIOL4020 | S23 | 10735 | Arranged | 'To Be Arranged' |
| Fall | BIOL4020 | S24 | 10736 | Arranged | 'To Be Arranged' |
| Spr | BIOL4020 | S32 | 20437 | Arranged | 'To Be Arranged' |

**BIOL 4025. Subinternship in Anesthesiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4025 | S14 | 10737 | Arranged | 'To Be Arranged' |
| Fall | BIOL4025 | S24 | 10738 | Arranged | 'To Be Arranged' |
| Spr | BIOL4025 | S34 | 20438 | Arranged | 'To Be Arranged' |

**BIOL 4030. Ophthalmology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4030 | S11 | 10739 | Arranged | 'To Be Arranged' |
| Fall | BIOL4030 | S12 | 10740 | Arranged | 'To Be Arranged' |
| Fall | BIOL4030 | S14 | 10741 | Arranged | 'To Be Arranged' |
| Fall | BIOL4030 | S22 | 10742 | Arranged | 'To Be Arranged' |
| Fall | BIOL4030 | S24 | 10743 | Arranged | 'To Be Arranged' |
| Spr | BIOL4030 | S32 | 20439 | Arranged | 'To Be Arranged' |
| Spr | BIOL4030 | S34 | 20440 | Arranged | 'To Be Arranged' |

**BIOL 4040. Ophthalmology in a Missionary Hospital**.
No description available.

**BIOL 4070. Ophthalmology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4070 | S12 | 10744 | Arranged | 'To Be Arranged' |
| Fall | BIOL4070 | S13 | 10745 | Arranged | 'To Be Arranged' |
| Fall | BIOL4070 | S14 | 10746 | Arranged | 'To Be Arranged' |
| Fall | BIOL4070 | S22 | 10747 | Arranged | 'To Be Arranged' |
| Fall | BIOL4070 | S24 | 10748 | Arranged | 'To Be Arranged' |
| Spr | BIOL4070 | S32 | 20441 | Arranged | 'To Be Arranged' |
| Spr | BIOL4070 | S34 | 20442 | Arranged | 'To Be Arranged' |

**BIOL 4075. Pediatric Ophthalmology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4075 | S14 | 10749 | Arranged | 'To Be Arranged' |
| Fall | BIOL4075 | S22 | 10750 | Arranged | 'To Be Arranged' |

**BIOL 4100. Pediatric Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4100 | S12 | 10751 | Arranged | 'To Be Arranged' |
| Fall | BIOL4100 | S13 | 10752 | Arranged | 'To Be Arranged' |
| Fall | BIOL4100 | S14 | 10753 | Arranged | 'To Be Arranged' |
| Fall | BIOL4100 | S22 | 10754 | Arranged | 'To Be Arranged' |
| Fall | BIOL4100 | S24 | 10755 | Arranged | 'To Be Arranged' |
| Spr | BIOL4100 | S32 | 20443 | Arranged | 'To Be Arranged' |
| Spr | BIOL4100 | S34 | 20444 | Arranged | 'To Be Arranged' |

**BIOL 4110. Adult Cardiac Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4110 | S12 | 10756 | Arranged | 'To Be Arranged' |
| Fall | BIOL4110 | S13 | 10757 | Arranged | 'To Be Arranged' |
| Fall | BIOL4110 | S24 | 10758 | Arranged | 'To Be Arranged' |

**BIOL 4120. Cardiothoracic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4120 | S12 | 10759 | Arranged | 'To Be Arranged' |
| Fall | BIOL4120 | S14 | 10760 | Arranged | 'To Be Arranged' |
| Fall | BIOL4120 | S22 | 10761 | Arranged | 'To Be Arranged' |
| Fall | BIOL4120 | S24 | 10762 | Arranged | 'To Be Arranged' |
| Spr | BIOL4120 | S32 | 20445 | Arranged | 'To Be Arranged' |

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

**BIOL 4140. Endocrine Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4140 | S14 | 10763 | Arranged | 'To Be Arranged' |
| Fall | BIOL4140 | S22 | 10764 | Arranged | 'To Be Arranged' |
| Fall | BIOL4140 | S23 | 10765 | Arranged | 'To Be Arranged' |
| Spr | BIOL4140 | S34 | 20446 | Arranged | 'To Be Arranged' |

**BIOL 4150. Clinical Urology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4150 | S14 | 10766 | Arranged | 'To Be Arranged' |
| Fall | BIOL4150 | S22 | 10767 | Arranged | 'To Be Arranged' |
| Fall | BIOL4150 | S24 | 10768 | Arranged | 'To Be Arranged' |
| Spr | BIOL4150 | S34 | 20447 | Arranged | 'To Be Arranged' |

**BIOL 4155. Subinternship in Urology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4155 | S14 | 10769 | Arranged | 'To Be Arranged' |
| Fall | BIOL4155 | S24 | 10770 | Arranged | 'To Be Arranged' |
| Spr | BIOL4155 | S34 | 20448 | Arranged | 'To Be Arranged' |

**BIOL 4160. Elective in Gynecological Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4160 | S14 | 10771 | Arranged | 'To Be Arranged' |
| Fall | BIOL4160 | S24 | 10772 | Arranged | 'To Be Arranged' |
| Spr | BIOL4160 | S34 | 20449 | Arranged | 'To Be Arranged' |

**BIOL 4170. Plastic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4170 | S12 | 10773 | Arranged | 'To Be Arranged' |
| Fall | BIOL4170 | S14 | 10774 | Arranged | 'To Be Arranged' |
| Fall | BIOL4170 | S22 | 10775 | Arranged | 'To Be Arranged' |
| Fall | BIOL4170 | S23 | 10776 | Arranged | 'To Be Arranged' |
| Fall | BIOL4170 | S24 | 10777 | Arranged | 'To Be Arranged' |
| Spr | BIOL4170 | S34 | 20450 | Arranged | 'To Be Arranged' |

**BIOL 4175. Subinternship in Plastic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4175 | S14 | 10778 | Arranged | 'To Be Arranged' |
| Fall | BIOL4175 | S24 | 10779 | Arranged | 'To Be Arranged' |

**BIOL 4180. Subinternship in Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4180 | S14 | 10780 | Arranged | 'To Be Arranged' |
| Fall | BIOL4180 | S24 | 10781 | Arranged | 'To Be Arranged' |
| Spr | BIOL4180 | S34 | 20451 | Arranged | 'To Be Arranged' |

**BIOL 4181. Hand Surgery for Primary Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4181 | S14 | 10782 | Arranged | 'To Be Arranged' |
| Fall | BIOL4181 | S24 | 10783 | Arranged | 'To Be Arranged' |

**BIOL 4185. Subinternship in Surgical Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4185 | S14 | 10784 | Arranged | 'To Be Arranged' |
| Fall | BIOL4185 | S24 | 10785 | Arranged | 'To Be Arranged' |

**BIOL 4190. Subinternship in Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4190 | S14 | 10786 | Arranged | 'To Be Arranged' |
| Fall | BIOL4190 | S24 | 10787 | Arranged | 'To Be Arranged' |
| Spr | BIOL4190 | S34 | 20452 | Arranged | 'To Be Arranged' |

**BIOL 4195. Subinternship in Colon and Rectal Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4195 | S14 | 10788 | Arranged | 'To Be Arranged' |
| Fall | BIOL4195 | S24 | 10789 | Arranged | 'To Be Arranged' |

**BIOL 4197. Vascular Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4197 | S14 | 10790 | Arranged | 'To Be Arranged' |
| Fall | BIOL4197 | S22 | 10791 | Arranged | 'To Be Arranged' |
| Fall | BIOL4197 | S23 | 10792 | Arranged | 'To Be Arranged' |
| Fall | BIOL4197 | S24 | 10793 | Arranged | 'To Be Arranged' |

**BIOL 4199. Subinternship in Acute Care Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4199 | S14 | 10794 | Arranged | 'To Be Arranged' |
| Fall | BIOL4199 | S24 | 10795 | Arranged | 'To Be Arranged' |
| Spr | BIOL4199 | S34 | 20453 | Arranged | 'To Be Arranged' |

**BIOL 4210. Otorhinolaryngology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4210 | S12 | 10796 | Arranged | 'To Be Arranged' |
| Fall | BIOL4210 | S14 | 10797 | Arranged | 'To Be Arranged' |
| Fall | BIOL4210 | S21 | 10798 | Arranged | 'To Be Arranged' |
| Fall | BIOL4210 | S22 | 10799 | Arranged | 'To Be Arranged' |
| Fall | BIOL4210 | S24 | 10800 | Arranged | 'To Be Arranged' |
| Spr | BIOL4210 | S32 | 20454 | Arranged | 'To Be Arranged' |
| Spr | BIOL4210 | S34 | 20455 | Arranged | 'To Be Arranged' |

**BIOL 4215. Subinternship in Otolaryngology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4215 | S14 | 10801 | Arranged | 'To Be Arranged' |

**BIOL 4220. Head/Neck Pathology-Maxillofacial Surgery**.
No description available.

**BIOL 4230. Nutrition and Nutritional Support**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4230 | S12 | 10802 | Arranged | 'To Be Arranged' |
| Fall | BIOL4230 | S22 | 10803 | Arranged | 'To Be Arranged' |
| Spr | BIOL4230 | S32 | 20456 | Arranged | 'To Be Arranged' |

**BIOL 4240. Ambulatory Plastic Surgery**.
No description available.

**BIOL 4250. Trauma**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4250 | S14 | 10804 | Arranged | 'To Be Arranged' |
| Fall | BIOL4250 | S22 | 10805 | Arranged | 'To Be Arranged' |
| Fall | BIOL4250 | S24 | 10806 | Arranged | 'To Be Arranged' |
| Spr | BIOL4250 | S33 | 20457 | Arranged | 'To Be Arranged' |
| Spr | BIOL4250 | S34 | 20458 | Arranged | 'To Be Arranged' |

**BIOL 4270. Subinternship in Cardiac Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4270 | S12 | 10807 | Arranged | 'To Be Arranged' |
| Fall | BIOL4270 | S14 | 10808 | Arranged | 'To Be Arranged' |
| Fall | BIOL4270 | S24 | 10809 | Arranged | 'To Be Arranged' |

**BIOL 4280. Introduction to Thoracic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4280 | S14 | 10810 | Arranged | 'To Be Arranged' |
| Fall | BIOL4280 | S24 | 10811 | Arranged | 'To Be Arranged' |

**BIOL 4285. Surgery Internship Prep Course**.
No description available.

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

**BIOL 4300. Orofacial Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4300 | S12 | 10812 | Arranged | 'To Be Arranged' |
| Fall | BIOL4300 | S13 | 10813 | Arranged | 'To Be Arranged' |
| Fall | BIOL4300 | S14 | 10814 | Arranged | 'To Be Arranged' |
| Fall | BIOL4300 | S22 | 10815 | Arranged | 'To Be Arranged' |
| Fall | BIOL4300 | S24 | 10816 | Arranged | 'To Be Arranged' |
| Spr | BIOL4300 | S32 | 20459 | Arranged | 'To Be Arranged' |

**BIOL 4328. Internship Prep Course**.
No description available.

**BIOL 4330. Online Internship Prep Course**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4330 | S11 | 10817 | Arranged | 'To Be Arranged' |
| Spr | BIOL4330 | S41 | 20460 | Arranged | 'To Be Arranged' |

**BIOL 4345. Internship Prep Course**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4345 | S11 | 10818 | Arranged | 'To Be Arranged' |
| Fall | BIOL4345 | S21 | 10819 | Arranged | 'To Be Arranged' |
| Spr | BIOL4345 | S31 | 20461 | Arranged | 'To Be Arranged' |

**BIOL 4500. Core Clerkship in Pediatrics**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4500 | S01 | 10820 | Arranged | 'To Be Arranged' |
| Fall | BIOL4500 | S02 | 10821 | Arranged | 'To Be Arranged' |
| Spr | BIOL4500 | S03 | 20462 | Arranged | 'To Be Arranged' |

**BIOL 4505. Individualized Clerkship in Pediatrics**.
No description available.

**BIOL 4510. Pediatric Hematology Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4510 | S12 | 10822 | Arranged | 'To Be Arranged' |
| Fall | BIOL4510 | S13 | 10823 | Arranged | 'To Be Arranged' |
| Fall | BIOL4510 | S14 | 10824 | Arranged | 'To Be Arranged' |
| Fall | BIOL4510 | S24 | 10825 | Arranged | 'To Be Arranged' |
| Spr | BIOL4510 | S34 | 20463 | Arranged | 'To Be Arranged' |

**BIOL 4515. Clerkship in Pediatrics - LIC**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4515 | S01 | 10826 | Arranged | 'To Be Arranged' |
| Spr | BIOL4515 | S04 | 20464 | Arranged | 'To Be Arranged' |

**BIOL 4520. Pediatric Emergency Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4520 | S12 | 10827 | Arranged | 'To Be Arranged' |
| Fall | BIOL4520 | S13 | 10828 | Arranged | 'To Be Arranged' |
| Fall | BIOL4520 | S14 | 10829 | Arranged | 'To Be Arranged' |
| Fall | BIOL4520 | S23 | 10830 | Arranged | 'To Be Arranged' |
| Fall | BIOL4520 | S24 | 10831 | Arranged | 'To Be Arranged' |
| Spr | BIOL4520 | S34 | 20465 | Arranged | 'To Be Arranged' |

**BIOL 4530. Pediatric Urology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4530 | S12 | 10832 | Arranged | 'To Be Arranged' |
| Fall | BIOL4530 | S14 | 10833 | Arranged | 'To Be Arranged' |
| Fall | BIOL4530 | S22 | 10834 | Arranged | 'To Be Arranged' |
| Spr | BIOL4530 | S32 | 20466 | Arranged | 'To Be Arranged' |

**BIOL 4540. Child Development and Developmental Disabilities**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4540 | S12 | 10835 | Arranged | 'To Be Arranged' |
| Fall | BIOL4540 | S14 | 10836 | Arranged | 'To Be Arranged' |
| Fall | BIOL4540 | S22 | 10837 | Arranged | 'To Be Arranged' |
| Fall | BIOL4540 | S23 | 10838 | Arranged | 'To Be Arranged' |
| Fall | BIOL4540 | S24 | 10839 | Arranged | 'To Be Arranged' |
| Spr | BIOL4540 | S32 | 20467 | Arranged | 'To Be Arranged' |
| Spr | BIOL4540 | S34 | 20468 | Arranged | 'To Be Arranged' |

**BIOL 4550. Adolescent Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4550 | S12 | 10840 | Arranged | 'To Be Arranged' |
| Fall | BIOL4550 | S13 | 10841 | Arranged | 'To Be Arranged' |
| Fall | BIOL4550 | S14 | 10842 | Arranged | 'To Be Arranged' |
| Fall | BIOL4550 | S22 | 10843 | Arranged | 'To Be Arranged' |
| Fall | BIOL4550 | S23 | 10844 | Arranged | 'To Be Arranged' |
| Fall | BIOL4550 | S24 | 10845 | Arranged | 'To Be Arranged' |
| Spr | BIOL4550 | S34 | 20469 | Arranged | 'To Be Arranged' |

**BIOL 4560. Pediatric Cardiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4560 | S14 | 10846 | Arranged | 'To Be Arranged' |
| Fall | BIOL4560 | S22 | 10847 | Arranged | 'To Be Arranged' |
| Fall | BIOL4560 | S24 | 10848 | Arranged | 'To Be Arranged' |
| Spr | BIOL4560 | S34 | 20470 | Arranged | 'To Be Arranged' |

**BIOL 4570. Pediatric Infectious Diseases**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4570 | S12 | 10849 | Arranged | 'To Be Arranged' |
| Fall | BIOL4570 | S14 | 10850 | Arranged | 'To Be Arranged' |
| Fall | BIOL4570 | S24 | 10851 | Arranged | 'To Be Arranged' |
| Spr | BIOL4570 | S33 | 20471 | Arranged | 'To Be Arranged' |
| Spr | BIOL4570 | S34 | 20472 | Arranged | 'To Be Arranged' |

**BIOL 4580. Pediatric Endocrinology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4580 | S14 | 10852 | Arranged | 'To Be Arranged' |
| Fall | BIOL4580 | S24 | 10853 | Arranged | 'To Be Arranged' |
| Spr | BIOL4580 | S34 | 20473 | Arranged | 'To Be Arranged' |

**BIOL 4590. Ambulatory Pediatrics**.
No description available.

**BIOL 4600. Pediatric Neurorehabilitation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4600 | S12 | 10854 | Arranged | 'To Be Arranged' |
| Fall | BIOL4600 | S22 | 10855 | Arranged | 'To Be Arranged' |
| Fall | BIOL4600 | S24 | 10856 | Arranged | 'To Be Arranged' |
| Spr | BIOL4600 | S32 | 20474 | Arranged | 'To Be Arranged' |

**BIOL 4620. Subinternship in Perinatal Medicine (NICU)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4620 | S14 | 10857 | Arranged | 'To Be Arranged' |
| Fall | BIOL4620 | S24 | 10858 | Arranged | 'To Be Arranged' |

**BIOL 4630. Subinternship in Pediatrics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4630 | S14 | 10859 | Arranged | 'To Be Arranged' |
| Fall | BIOL4630 | S24 | 10860 | Arranged | 'To Be Arranged' |
| Spr | BIOL4630 | S34 | 20475 | Arranged | 'To Be Arranged' |

**BIOL 4640. Subinternship in Pediatric Critical Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4640 | S14 | 10861 | Arranged | 'To Be Arranged' |
| Fall | BIOL4640 | S24 | 10862 | Arranged | 'To Be Arranged' |
| Spr | BIOL4640 | S34 | 20476 | Arranged | 'To Be Arranged' |

**BIOL 4650. Child Abuse Pediatrics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4650 | S11 | 10863 | Arranged | 'To Be Arranged' |
| Fall | BIOL4650 | S12 | 10864 | Arranged | 'To Be Arranged' |
| Fall | BIOL4650 | S14 | 10865 | Arranged | 'To Be Arranged' |
| Fall | BIOL4650 | S21 | 10866 | Arranged | 'To Be Arranged' |
| Fall | BIOL4650 | S22 | 10867 | Arranged | 'To Be Arranged' |
| Fall | BIOL4650 | S24 | 10868 | Arranged | 'To Be Arranged' |
| Spr | BIOL4650 | S34 | 20477 | Arranged | 'To Be Arranged' |

**BIOL 4655. Gender Sexuality & Reproductive Justice**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4655 | S14 | 10869 | Arranged | 'To Be Arranged' |
| Fall | BIOL4655 | S24 | 10870 | Arranged | 'To Be Arranged' |
| Spr | BIOL4655 | S34 | 20478 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4670 | S24 | 10871 | Arranged | 'To Be Arranged' |

**BIOL 4680. Subinternship in Pediatric Hematology-Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4680 | S14 | 10872 | Arranged | 'To Be Arranged' |
| Fall | BIOL4680 | S24 | 10873 | Arranged | 'To Be Arranged' |

**BIOL 4690. Pediatric Gastroenterology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4690 | S14 | 10874 | Arranged | 'To Be Arranged' |
| Fall | BIOL4690 | S24 | 10875 | Arranged | 'To Be Arranged' |
| Spr | BIOL4690 | S34 | 20479 | Arranged | 'To Be Arranged' |

**BIOL 4900. Core Clerkship in Obstetrics and Gynecology**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4900 | S01 | 10876 | Arranged | 'To Be Arranged' |
| Fall | BIOL4900 | S02 | 10877 | Arranged | 'To Be Arranged' |
| Spr | BIOL4900 | S03 | 20480 | 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 | 10878 | Arranged | 'To Be Arranged' |
| Fall | BIOL4910 | S24 | 10879 | Arranged | 'To Be Arranged' |
| Spr | BIOL4910 | S34 | 20481 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4915 | S01 | 10880 | Arranged | 'To Be Arranged' |
| Fall | BIOL4915 | S02 | 10881 | Arranged | 'To Be Arranged' |
| Spr | BIOL4915 | S04 | 20482 | Arranged | 'To Be Arranged' |

**BIOL 4920. Subinternship in Urogynecology + Reconstructive Pelvic Surgery**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4920 | S14 | 10882 | Arranged | 'To Be Arranged' |
| Fall | BIOL4920 | S24 | 10883 | Arranged | 'To Be Arranged' |

**BIOL 4925. Outpatient General Obstetrics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4925 | S12 | 10884 | Arranged | 'To Be Arranged' |
| Fall | BIOL4925 | S14 | 10885 | Arranged | 'To Be Arranged' |
| Fall | BIOL4925 | S24 | 10886 | Arranged | 'To Be Arranged' |

**BIOL 4940. Reproductive Endocrinology and Infertility**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4940 | S12 | 10887 | Arranged | 'To Be Arranged' |
| Fall | BIOL4940 | S14 | 10888 | Arranged | 'To Be Arranged' |
| Fall | BIOL4940 | S22 | 10889 | Arranged | 'To Be Arranged' |
| Fall | BIOL4940 | S23 | 10890 | Arranged | 'To Be Arranged' |
| Fall | BIOL4940 | S24 | 10891 | Arranged | 'To Be Arranged' |
| Spr | BIOL4940 | S34 | 20483 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4950 | S12 | 10892 | Arranged | 'To Be Arranged' |
| Fall | BIOL4950 | S14 | 10893 | Arranged | 'To Be Arranged' |
| Fall | BIOL4950 | S22 | 10894 | Arranged | 'To Be Arranged' |
| Fall | BIOL4950 | S24 | 10895 | Arranged | 'To Be Arranged' |
| Spr | BIOL4950 | S34 | 20484 | Arranged | 'To Be Arranged' |

**BIOL 4955. Subinternship in Women's Ambulatory Ob-Gyn**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4955 | S14 | 10896 | Arranged | 'To Be Arranged' |
| Fall | BIOL4955 | S24 | 10897 | Arranged | 'To Be Arranged' |

**BIOL 4960. Women's Reproductive Health Topics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4960 | S14 | 10898 | Arranged | 'To Be Arranged' |
| Fall | BIOL4960 | S24 | 10899 | Arranged | 'To Be Arranged' |

**BIOL 4970. Breast Disease**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4970 | S13 | 10900 | Arranged | 'To Be Arranged' |
| Fall | BIOL4970 | S14 | 10901 | Arranged | 'To Be Arranged' |
| Fall | BIOL4970 | S22 | 10902 | Arranged | 'To Be Arranged' |
| Fall | BIOL4970 | S24 | 10903 | Arranged | 'To Be Arranged' |

**BIOL 4975. Gynecologic and Breast Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4975 | S12 | 10904 | Arranged | 'To Be Arranged' |
| Fall | BIOL4975 | S14 | 10905 | Arranged | 'To Be Arranged' |
| Fall | BIOL4975 | S22 | 10906 | Arranged | 'To Be Arranged' |
| Fall | BIOL4975 | S24 | 10907 | Arranged | 'To Be Arranged' |
| Spr | BIOL4975 | S32 | 20485 | Arranged | 'To Be Arranged' |

**BIOL 4980. Patients with Women's Cancers**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4980 | S14 | 10908 | Arranged | 'To Be Arranged' |
| Fall | BIOL4980 | S22 | 10909 | Arranged | 'To Be Arranged' |
| Fall | BIOL4980 | S24 | 10910 | Arranged | 'To Be Arranged' |
| Spr | BIOL4980 | S34 | 20486 | Arranged | 'To Be Arranged' |

**BIOL 4985. Family Planning & Reproductive Health**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4985 | S12 | 10911 | Arranged | 'To Be Arranged' |
| Fall | BIOL4985 | S14 | 10912 | Arranged | 'To Be Arranged' |
| Fall | BIOL4985 | S24 | 10913 | Arranged | 'To Be Arranged' |
| Spr | BIOL4985 | S34 | 20487 | Arranged | 'To Be Arranged' |

**BIOL 4990. Clinical Cancer Genetics**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL4990 | S24 | 10914 | Arranged | 'To Be Arranged' |
| Spr | BIOL4990 | S33 | 20488 | Arranged | 'To Be Arranged' |

**BIOL 5100. Core Clerkship in Psychiatry**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5100 | S01 | 10915 | Arranged | 'To Be Arranged' |
| Fall | BIOL5100 | S02 | 10916 | Arranged | 'To Be Arranged' |
| Spr | BIOL5100 | S03 | 20489 | Arranged | 'To Be Arranged' |

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

**BIOL 5110. Subinternship in Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5110 | S14 | 10917 | Arranged | 'To Be Arranged' |
| Fall | BIOL5110 | S24 | 10918 | Arranged | 'To Be Arranged' |
| Spr | BIOL5110 | S34 | 20490 | Arranged | 'To Be Arranged' |

**BIOL 5125. Subinternship in Psychiatry NH**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5125 | S14 | 10919 | Arranged | 'To Be Arranged' |
| Fall | BIOL5125 | S24 | 10920 | Arranged | 'To Be Arranged' |

**BIOL 5130. Addiction Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5130 | S12 | 10921 | Arranged | 'To Be Arranged' |
| Fall | BIOL5130 | S13 | 10922 | Arranged | 'To Be Arranged' |
| Fall | BIOL5130 | S14 | 10923 | Arranged | 'To Be Arranged' |
| Fall | BIOL5130 | S22 | 10924 | Arranged | 'To Be Arranged' |
| Fall | BIOL5130 | S23 | 10925 | Arranged | 'To Be Arranged' |
| Fall | BIOL5130 | S24 | 10926 | Arranged | 'To Be Arranged' |
| Spr | BIOL5130 | S34 | 20491 | Arranged | 'To Be Arranged' |

**BIOL 5140. Triple Board Elective in Pediatrics, Psychiatry and Child and Adolescent Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5140 | S12 | 10927 | Arranged | 'To Be Arranged' |
| Fall | BIOL5140 | S14 | 10928 | Arranged | 'To Be Arranged' |
| Fall | BIOL5140 | S24 | 10929 | Arranged | 'To Be Arranged' |
| Spr | BIOL5140 | S34 | 20492 | Arranged | 'To Be Arranged' |

**BIOL 5150. Neuropsychiatry and Behavioral Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5150 | S14 | 10930 | Arranged | 'To Be Arranged' |
| Fall | BIOL5150 | S22 | 10931 | Arranged | 'To Be Arranged' |
| Fall | BIOL5150 | S24 | 10932 | Arranged | 'To Be Arranged' |

**BIOL 5160. Women's Mental Health Elective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5160 | S12 | 10933 | Arranged | 'To Be Arranged' |
| Fall | BIOL5160 | S14 | 10934 | Arranged | 'To Be Arranged' |
| Fall | BIOL5160 | S22 | 10935 | Arranged | 'To Be Arranged' |
| Fall | BIOL5160 | S24 | 10936 | Arranged | 'To Be Arranged' |
| Spr | BIOL5160 | S34 | 20493 | Arranged | 'To Be Arranged' |

**BIOL 5170. Correctional Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5170 | S14 | 10937 | Arranged | 'To Be Arranged' |
| Fall | BIOL5170 | S23 | 10938 | Arranged | 'To Be Arranged' |
| Fall | BIOL5170 | S24 | 10939 | Arranged | 'To Be Arranged' |
| Spr | BIOL5170 | S33 | 20494 | Arranged | 'To Be Arranged' |

**BIOL 5210. Child Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5210 | S12 | 10940 | Arranged | 'To Be Arranged' |
| Fall | BIOL5210 | S14 | 10941 | Arranged | 'To Be Arranged' |
| Fall | BIOL5210 | S22 | 10942 | Arranged | 'To Be Arranged' |
| Fall | BIOL5210 | S24 | 10943 | Arranged | 'To Be Arranged' |
| Spr | BIOL5210 | S32 | 20495 | Arranged | 'To Be Arranged' |
| Spr | BIOL5210 | S34 | 20496 | Arranged | 'To Be Arranged' |

**BIOL 5220. Subinternship in Child Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5220 | S14 | 10944 | Arranged | 'To Be Arranged' |
| Fall | BIOL5220 | S24 | 10945 | Arranged | 'To Be Arranged' |
| Spr | BIOL5220 | S34 | 20497 | Arranged | 'To Be Arranged' |

**BIOL 5225. Gender & Sexuality**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5225 | S14 | 10946 | Arranged | 'To Be Arranged' |
| Fall | BIOL5225 | S24 | 10947 | Arranged | 'To Be Arranged' |

**BIOL 5230. Emergency Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5230 | S12 | 10948 | Arranged | 'To Be Arranged' |
| Fall | BIOL5230 | S14 | 10949 | Arranged | 'To Be Arranged' |
| Fall | BIOL5230 | S22 | 10950 | Arranged | 'To Be Arranged' |
| Fall | BIOL5230 | S24 | 10951 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5240 | S21 | 10952 | Arranged | 'To Be Arranged' |
| Spr | BIOL5240 | S41 | 20498 | Arranged | 'To Be Arranged' |

**BIOL 5270. Psychiatry of Late Life**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5270 | S14 | 10953 | Arranged | 'To Be Arranged' |
| Fall | BIOL5270 | S22 | 10954 | Arranged | 'To Be Arranged' |
| Fall | BIOL5270 | S24 | 10955 | Arranged | 'To Be Arranged' |
| Spr | BIOL5270 | S34 | 20499 | Arranged | 'To Be Arranged' |

**BIOL 5275. Addiction Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5275 | S22 | 10956 | Arranged | 'To Be Arranged' |

**BIOL 5300. Clerkship in Psychiatry-Clinical Neuroscience**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5300 | S01 | 10957 | Arranged | 'To Be Arranged' |
| Fall | BIOL5300 | S02 | 10958 | Arranged | 'To Be Arranged' |

**BIOL 5315. Clerkship in Psychiatry**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5315 | S01 | 10959 | Arranged | 'To Be Arranged' |
| Fall | BIOL5315 | S02 | 10960 | Arranged | 'To Be Arranged' |
| Spr | BIOL5315 | S03 | 20500 | Arranged | 'To Be Arranged' |

**BIOL 5320. Clerkship in Psychiatry - LIC**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5320 | S01 | 10961 | Arranged | 'To Be Arranged' |
| Spr | BIOL5320 | S04 | 20501 | Arranged | 'To Be Arranged' |

**BIOL 5325. Clerkship in Neurology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5325 | S01 | 10962 | Arranged | 'To Be Arranged' |
| Fall | BIOL5325 | S02 | 10963 | Arranged | 'To Be Arranged' |
| Spr | BIOL5325 | S03 | 20502 | Arranged | 'To Be Arranged' |

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5330 | S01 | 10964 | Arranged | 'To Be Arranged' |
| Spr | BIOL5330 | S04 | 20503 | Arranged | 'To Be Arranged' |

**BIOL 5400. Core Clerkship in Community Health**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5400 | S01 | 10965 | Arranged | 'To Be Arranged' |
| Fall | BIOL5400 | S02 | 10966 | Arranged | 'To Be Arranged' |

**BIOL 5460. Physical Medicine and Rehabilitation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5460 | S23 | 10967 | Arranged | 'To Be Arranged' |
| Fall | BIOL5460 | S24 | 10968 | Arranged | 'To Be Arranged' |

**BIOL 5480. Rural Community Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5480 | S12 | 10969 | Arranged | 'To Be Arranged' |
| Fall | BIOL5480 | S14 | 10970 | Arranged | 'To Be Arranged' |
| Fall | BIOL5480 | S22 | 10971 | Arranged | 'To Be Arranged' |
| Fall | BIOL5480 | S24 | 10972 | Arranged | 'To Be Arranged' |
| Spr | BIOL5480 | S34 | 20504 | Arranged | 'To Be Arranged' |

**BIOL 5490. Geriatrics and Rehabilitation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5490 | S12 | 10973 | Arranged | 'To Be Arranged' |
| Fall | BIOL5490 | S14 | 10974 | Arranged | 'To Be Arranged' |
| Fall | BIOL5490 | S24 | 10975 | Arranged | 'To Be Arranged' |
| Spr | BIOL5490 | S34 | 20505 | 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**.
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 | 10976 | Arranged | 'To Be Arranged' |
| Fall | BIOL5600 | S23 | 10977 | Arranged | 'To Be Arranged' |

**BIOL 5620. Emergency Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5620 | S14 | 10978 | Arranged | 'To Be Arranged' |
| Fall | BIOL5620 | S24 | 10979 | Arranged | 'To Be Arranged' |
| Spr | BIOL5620 | S32 | 20506 | Arranged | 'To Be Arranged' |
| Spr | BIOL5620 | S34 | 20507 | Arranged | 'To Be Arranged' |

**BIOL 5630. Emergency Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5630 | S12 | 10980 | Arranged | 'To Be Arranged' |
| Fall | BIOL5630 | S14 | 10981 | Arranged | 'To Be Arranged' |
| Fall | BIOL5630 | S22 | 10982 | Arranged | 'To Be Arranged' |
| Fall | BIOL5630 | S24 | 10983 | Arranged | 'To Be Arranged' |
| Spr | BIOL5630 | S32 | 20508 | Arranged | 'To Be Arranged' |
| Spr | BIOL5630 | S34 | 20509 | Arranged | 'To Be Arranged' |

**BIOL 5640. Point of Care Ultrasound**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5640 | S14 | 10984 | Arranged | 'To Be Arranged' |
| Fall | BIOL5640 | S22 | 10985 | Arranged | 'To Be Arranged' |
| Fall | BIOL5640 | S24 | 10986 | Arranged | 'To Be Arranged' |
| Spr | BIOL5640 | S34 | 20510 | Arranged | 'To Be Arranged' |

**BIOL 5650. Pediatric Emergency Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5650 | S14 | 10987 | Arranged | 'To Be Arranged' |
| Fall | BIOL5650 | S22 | 10988 | Arranged | 'To Be Arranged' |
| Fall | BIOL5650 | S23 | 10989 | Arranged | 'To Be Arranged' |
| Fall | BIOL5650 | S24 | 10990 | Arranged | 'To Be Arranged' |
| Spr | BIOL5650 | S34 | 20511 | Arranged | 'To Be Arranged' |

**BIOL 5655. Sex and Gender Based Acute Care Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5655 | S12 | 10991 | Arranged | 'To Be Arranged' |
| Fall | BIOL5655 | S22 | 10992 | Arranged | 'To Be Arranged' |
| Fall | BIOL5655 | S24 | 10993 | Arranged | 'To Be Arranged' |
| Spr | BIOL5655 | S32 | 20512 | Arranged | 'To Be Arranged' |

**BIOL 5660. Wilderness and Environmental Medicine**.
No description available.

**BIOL 5665. Subinternship in Emergency Med**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5665 | S14 | 10994 | Arranged | 'To Be Arranged' |
| Fall | BIOL5665 | S24 | 10995 | Arranged | 'To Be Arranged' |

**BIOL 5670. EMS Systems of Care**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5670 | S14 | 10996 | Arranged | 'To Be Arranged' |
| Fall | BIOL5670 | S24 | 10997 | Arranged | 'To Be Arranged' |

**BIOL 5675. Emergency Medicine Residency Preparation**.
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 5790. Family Medicine Elective for MD/PHD Candidate**.
No description available.

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

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5795 | S01 | 10998 | Arranged | 'To Be Arranged' |
| Spr | BIOL5795 | S04 | 20513 | Arranged | 'To Be Arranged' |

**BIOL 5800. Core Clerkship in Family Medicine**.
Six weeks.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5800 | S01 | 10999 | Arranged | 'To Be Arranged' |
| Fall | BIOL5800 | S02 | 11000 | Arranged | 'To Be Arranged' |
| Spr | BIOL5800 | S03 | 20514 | Arranged | 'To Be Arranged' |

**BIOL 5801. Family Medicine Clerkship for MD/PhD students**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5801 | S11 | 11001 | Arranged | 'To Be Arranged' |

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

**BIOL 5810. Maternal and Child Health**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5810 | S12 | 11002 | Arranged | 'To Be Arranged' |
| Fall | BIOL5810 | S13 | 11003 | Arranged | 'To Be Arranged' |
| Fall | BIOL5810 | S14 | 11004 | Arranged | 'To Be Arranged' |
| Fall | BIOL5810 | S22 | 11005 | Arranged | 'To Be Arranged' |
| Fall | BIOL5810 | S23 | 11006 | Arranged | 'To Be Arranged' |
| Fall | BIOL5810 | S24 | 11007 | Arranged | 'To Be Arranged' |
| Spr | BIOL5810 | S32 | 20515 | Arranged | 'To Be Arranged' |
| Spr | BIOL5810 | S34 | 20516 | Arranged | 'To Be Arranged' |

**BIOL 5815. Subinternship in Maternal and Child Health**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5815 | S14 | 11008 | Arranged | 'To Be Arranged' |
| Fall | BIOL5815 | S24 | 11009 | Arranged | 'To Be Arranged' |

**BIOL 5820. Elective in Family Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5820 | S12 | 11010 | Arranged | 'To Be Arranged' |
| Fall | BIOL5820 | S14 | 11011 | Arranged | 'To Be Arranged' |
| Fall | BIOL5820 | S22 | 11012 | Arranged | 'To Be Arranged' |
| Fall | BIOL5820 | S24 | 11013 | Arranged | 'To Be Arranged' |
| Spr | BIOL5820 | S32 | 20517 | Arranged | 'To Be Arranged' |
| Spr | BIOL5820 | S34 | 20518 | Arranged | 'To Be Arranged' |

**BIOL 5830. Free Clinic Preceptorship**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5830 | S11 | 11014 | Arranged | 'To Be Arranged' |
| Spr | BIOL5830 | S41 | 20519 | Arranged | 'To Be Arranged' |

**BIOL 5840. SMART Clinic**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5840 | S14 | 11015 | Arranged | 'To Be Arranged' |

**BIOL 5850. Primary Care Sports Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5850 | S12 | 11016 | Arranged | 'To Be Arranged' |
| Fall | BIOL5850 | S14 | 11017 | Arranged | 'To Be Arranged' |
| Fall | BIOL5850 | S22 | 11018 | Arranged | 'To Be Arranged' |
| Fall | BIOL5850 | S24 | 11019 | Arranged | 'To Be Arranged' |
| Spr | BIOL5850 | S34 | 20520 | Arranged | 'To Be Arranged' |

**BIOL 5870. Subinternship in Family Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5870 | S14 | 11020 | Arranged | 'To Be Arranged' |
| Fall | BIOL5870 | S24 | 11021 | 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 | 11022 | Arranged | 'To Be Arranged' |
| Fall | BIOL5885 | S11 | 11023 | Arranged | 'To Be Arranged' |

**BIOL 5895. Medical Spanish**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5895 | S11 | 11024 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S12 | 11025 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S13 | 11026 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S14 | 11027 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S18 | 11028 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S21 | 11029 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S22 | 11030 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S23 | 11031 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S24 | 11032 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S25 | 11033 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S26 | 11034 | Arranged | 'To Be Arranged' |
| Fall | BIOL5895 | S28 | 11035 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S31 | 20521 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S32 | 20522 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S33 | 20523 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S34 | 20524 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S35 | 20525 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S36 | 20526 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S37 | 20527 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S38 | 20528 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S41 | 20529 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S44 | 20530 | Arranged | 'To Be Arranged' |
| Spr | BIOL5895 | S48 | 20531 | Arranged | 'To Be Arranged' |

**BIOL 5896. Fundamentals of Health Policy and Management**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5896 | S22 | 11036 | Arranged | 'To Be Arranged' |

**BIOL 5897. Self Study in EKG Interpretation**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5897 | S11 | 11037 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S12 | 11038 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S13 | 11039 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S14 | 11040 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S21 | 11041 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S22 | 11042 | Arranged | 'To Be Arranged' |
| Fall | BIOL5897 | S24 | 11043 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S31 | 20532 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S32 | 20533 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S33 | 20534 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S34 | 20535 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S42 | 20536 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S43 | 20537 | Arranged | 'To Be Arranged' |
| Spr | BIOL5897 | S44 | 20538 | Arranged | 'To Be Arranged' |

**BIOL 5898. Personal Essay and Op-Ed Writing for Patient Advocacy**.
No description available.

**BIOL 5899. Point of Care Ultrasound**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL5899 | S12 | 11044 | Arranged | 'To Be Arranged' |
| Fall | BIOL5899 | S22 | 11045 | Arranged | 'To Be Arranged' |
| Spr | BIOL5899 | S32 | 20539 | 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 | 11046 | Arranged | 'To Be Arranged' |

**BIOL 5990. Internship Preparation Elective**.
No description available.

**BIOL 6010. Human Anatomy**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6010 | S11 | 11047 | Arranged | 'To Be Arranged' |
| Fall | BIOL6010 | S12 | 11048 | Arranged | 'To Be Arranged' |
| Fall | BIOL6010 | S14 | 11049 | Arranged | 'To Be Arranged' |
| Spr | BIOL6010 | S34 | 20540 | Arranged | 'To Be Arranged' |

**BIOL 6110. Applied Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6110 | S12 | 11050 | Arranged | 'To Be Arranged' |
| Fall | BIOL6110 | S13 | 11051 | Arranged | 'To Be Arranged' |
| Fall | BIOL6110 | S14 | 11052 | Arranged | 'To Be Arranged' |
| Fall | BIOL6110 | S22 | 11053 | Arranged | 'To Be Arranged' |
| Fall | BIOL6110 | S24 | 11054 | Arranged | 'To Be Arranged' |
| Spr | BIOL6110 | S32 | 20541 | Arranged | 'To Be Arranged' |
| Spr | BIOL6110 | S34 | 20542 | Arranged | 'To Be Arranged' |

**BIOL 6120. Research in Perinatal/Pediatric Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6120 | S12 | 11055 | Arranged | 'To Be Arranged' |
| Fall | BIOL6120 | S13 | 11056 | Arranged | 'To Be Arranged' |
| Fall | BIOL6120 | S22 | 11057 | Arranged | 'To Be Arranged' |
| Fall | BIOL6120 | S24 | 11058 | Arranged | 'To Be Arranged' |
| Spr | BIOL6120 | S34 | 20543 | Arranged | 'To Be Arranged' |

**BIOL 6140. Seminar in Clinical Pathological, Developmental and Pediatric Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6140 | S11 | 11059 | Arranged | 'To Be Arranged' |
| Fall | BIOL6140 | S12 | 11060 | Arranged | 'To Be Arranged' |
| Fall | BIOL6140 | S14 | 11061 | Arranged | 'To Be Arranged' |
| Fall | BIOL6140 | S22 | 11062 | Arranged | 'To Be Arranged' |
| Fall | BIOL6140 | S24 | 11063 | Arranged | 'To Be Arranged' |
| Spr | BIOL6140 | S32 | 20544 | Arranged | 'To Be Arranged' |
| Spr | BIOL6140 | S34 | 20545 | Arranged | 'To Be Arranged' |

**BIOL 6150. Neuropathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6150 | S11 | 11064 | Arranged | 'To Be Arranged' |
| Fall | BIOL6150 | S12 | 11065 | Arranged | 'To Be Arranged' |
| Fall | BIOL6150 | S14 | 11066 | Arranged | 'To Be Arranged' |
| Fall | BIOL6150 | S22 | 11067 | Arranged | 'To Be Arranged' |
| Fall | BIOL6150 | S24 | 11068 | Arranged | 'To Be Arranged' |
| Spr | BIOL6150 | S32 | 20546 | Arranged | 'To Be Arranged' |
| Spr | BIOL6150 | S34 | 20547 | Arranged | 'To Be Arranged' |

**BIOL 6155. Subinternship in Pathology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6155 | S14 | 11069 | Arranged | 'To Be Arranged' |

**BIOL 6160. Pathology & Lab Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6160 | S24 | 11070 | Arranged | 'To Be Arranged' |

**BIOL 6260. Radiation Oncology in a Private Practice Setting**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6260 | S22 | 11071 | Arranged | 'To Be Arranged' |
| Spr | BIOL6260 | S32 | 20548 | Arranged | 'To Be Arranged' |

**BIOL 6280. Diagnostic Radiology and Nuclear Medicine**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6280 | S12 | 11072 | Arranged | 'To Be Arranged' |
| Fall | BIOL6280 | S22 | 11073 | Arranged | 'To Be Arranged' |
| Spr | BIOL6280 | S32 | 20549 | Arranged | 'To Be Arranged' |
| Spr | BIOL6280 | S34 | 20550 | Arranged | 'To Be Arranged' |

**BIOL 6290. Diagnostic Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6290 | S12 | 11074 | Arranged | 'To Be Arranged' |
| Fall | BIOL6290 | S13 | 11075 | Arranged | 'To Be Arranged' |
| Fall | BIOL6290 | S14 | 11076 | Arranged | 'To Be Arranged' |
| Fall | BIOL6290 | S22 | 11077 | Arranged | 'To Be Arranged' |
| Fall | BIOL6290 | S23 | 11078 | Arranged | 'To Be Arranged' |
| Fall | BIOL6290 | S24 | 11079 | Arranged | 'To Be Arranged' |
| Spr | BIOL6290 | S32 | 20551 | Arranged | 'To Be Arranged' |
| Spr | BIOL6290 | S34 | 20552 | Arranged | 'To Be Arranged' |

**BIOL 6300. Nuclear Medicine Preceptorship**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6300 | S12 | 11080 | Arranged | 'To Be Arranged' |
| Fall | BIOL6300 | S21 | 11081 | Arranged | 'To Be Arranged' |
| Fall | BIOL6300 | S22 | 11082 | Arranged | 'To Be Arranged' |
| Fall | BIOL6300 | S24 | 11083 | Arranged | 'To Be Arranged' |
| Spr | BIOL6300 | S32 | 20553 | Arranged | 'To Be Arranged' |

**BIOL 6310. Subinternship in Interventional Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6310 | S14 | 11084 | Arranged | 'To Be Arranged' |
| Fall | BIOL6310 | S24 | 11085 | Arranged | 'To Be Arranged' |

**BIOL 6320. Vascular and Interventional Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6320 | S12 | 11086 | Arranged | 'To Be Arranged' |
| Fall | BIOL6320 | S13 | 11087 | Arranged | 'To Be Arranged' |
| Fall | BIOL6320 | S14 | 11088 | Arranged | 'To Be Arranged' |
| Fall | BIOL6320 | S22 | 11089 | Arranged | 'To Be Arranged' |
| Fall | BIOL6320 | S24 | 11090 | Arranged | 'To Be Arranged' |
| Spr | BIOL6320 | S32 | 20554 | Arranged | 'To Be Arranged' |

**BIOL 6330. Body Imaging and Intervention**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6330 | S12 | 11091 | Arranged | 'To Be Arranged' |
| Fall | BIOL6330 | S14 | 11092 | Arranged | 'To Be Arranged' |
| Fall | BIOL6330 | S22 | 11093 | Arranged | 'To Be Arranged' |
| Fall | BIOL6330 | S24 | 11094 | Arranged | 'To Be Arranged' |
| Spr | BIOL6330 | S32 | 20555 | Arranged | 'To Be Arranged' |
| Spr | BIOL6330 | S34 | 20556 | Arranged | 'To Be Arranged' |

**BIOL 6335. Cardiothoracic Imaging and Intervention**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6335 | S12 | 11095 | Arranged | 'To Be Arranged' |
| Fall | BIOL6335 | S14 | 11096 | Arranged | 'To Be Arranged' |
| Fall | BIOL6335 | S22 | 11097 | Arranged | 'To Be Arranged' |
| Fall | BIOL6335 | S24 | 11098 | Arranged | 'To Be Arranged' |
| Spr | BIOL6335 | S34 | 20557 | Arranged | 'To Be Arranged' |

**BIOL 6340. Community Radiology - Newport**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6340 | S12 | 11099 | Arranged | 'To Be Arranged' |
| Fall | BIOL6340 | S22 | 11100 | Arranged | 'To Be Arranged' |
| Spr | BIOL6340 | S32 | 20558 | Arranged | 'To Be Arranged' |

**BIOL 6345. General Radiology Clinical Elective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6345 | S14 | 11101 | Arranged | 'To Be Arranged' |
| Fall | BIOL6345 | S22 | 11102 | Arranged | 'To Be Arranged' |
| Fall | BIOL6345 | S24 | 11103 | Arranged | 'To Be Arranged' |

**BIOL 6350. Interventional Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6350 | S12 | 11104 | Arranged | 'To Be Arranged' |
| Fall | BIOL6350 | S22 | 11105 | Arranged | 'To Be Arranged' |

**BIOL 6360. Neuroradiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6360 | S12 | 11106 | Arranged | 'To Be Arranged' |
| Fall | BIOL6360 | S14 | 11107 | Arranged | 'To Be Arranged' |
| Fall | BIOL6360 | S22 | 11108 | Arranged | 'To Be Arranged' |
| Fall | BIOL6360 | S23 | 11109 | Arranged | 'To Be Arranged' |
| Fall | BIOL6360 | S24 | 11110 | Arranged | 'To Be Arranged' |
| Spr | BIOL6360 | S32 | 20559 | Arranged | 'To Be Arranged' |
| Spr | BIOL6360 | S34 | 20560 | Arranged | 'To Be Arranged' |

**BIOL 6380. Pediatric Radiology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6380 | S12 | 11111 | Arranged | 'To Be Arranged' |
| Fall | BIOL6380 | S13 | 11112 | Arranged | 'To Be Arranged' |
| Fall | BIOL6380 | S14 | 11113 | Arranged | 'To Be Arranged' |
| Fall | BIOL6380 | S22 | 11114 | Arranged | 'To Be Arranged' |
| Fall | BIOL6380 | S24 | 11115 | Arranged | 'To Be Arranged' |
| Fall | BIOL6380 | S2A | 11116 | Arranged | 'To Be Arranged' |
| Spr | BIOL6380 | S32 | 20561 | Arranged | 'To Be Arranged' |

**BIOL 6390. Intro to Women's Diagnostic Imaging**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6390 | S12 | 11117 | Arranged | 'To Be Arranged' |
| Fall | BIOL6390 | S22 | 11118 | Arranged | 'To Be Arranged' |
| Spr | BIOL6390 | S32 | 20562 | Arranged | 'To Be Arranged' |

**BIOL 6400. Radiation Oncology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6400 | S12 | 11119 | Arranged | 'To Be Arranged' |
| Fall | BIOL6400 | S14 | 11120 | Arranged | 'To Be Arranged' |
| Fall | BIOL6400 | S22 | 11121 | Arranged | 'To Be Arranged' |
| Fall | BIOL6400 | S24 | 11122 | Arranged | 'To Be Arranged' |
| Spr | BIOL6400 | S32 | 20563 | Arranged | 'To Be Arranged' |
| Spr | BIOL6400 | S34 | 20564 | Arranged | 'To Be Arranged' |

**BIOL 6410. Radiation Oncology Exploratory Elective**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL6410 | S12 | 11123 | Arranged | 'To Be Arranged' |
| Fall | BIOL6410 | S22 | 11124 | Arranged | 'To Be Arranged' |
| Spr | BIOL6410 | S32 | 20565 | Arranged | 'To Be Arranged' |

**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 a proficient in the Mandarin dialect of Chinese.

**BIOL 6502. Intermediate 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. Perquisite: Background in Spanish. Grading: S/NC

**BIOL 6503. Introductions to Physical Medicine and Rehabilitation**.
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.

**BIOL 6506. Medical Malpractice**.
No description available.

**BIOL 6507. Introduction to Forensic Pathology**.
No description available.

**BIOL 6508. Physical Diagnosis Rounds**.
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 Surgical Subspecialties**.
No description available.

**BIOL 6510. Advanced Human Anatomy: A Deep Dive into the Hand, Ear, and Spine**.
No description available.

**BIOL 6511. Introduction to Integrative and Lifestyle Medicine**.
No description available.

**BIOL 6512. Introduction to Neurology**.
No description available.

**BIOL 6513. Introduction to Oncology**.
No description available.

**BIOL 6514. Introduction to Pediatrics**.
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.

**BIOL 6515. Psychedelic Medicine**.
No description available.

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

**BIOL 6517. Therapeutic School: Psychiatric Consultation and Treatment**.
No description available.

**BIOL 6518. Design and Health**.
No description available.

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

**BIOL 6520. Business of Medicine**.
No description available.

**BIOL 6521. Advanced Spanish**.
No description available.

**BIOL 6522. The Healer's Art**.
No description available.

**BIOL 6523. Creative Arts with Seniors**.
No description available.

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

**BIOL 6525. Sex Ed by Brown Med**.
No description available.

**BIOL 6526. Getting Under Your Skin**.
No description available.

**BIOL 6527. Introduction to Vascular Surgery**.
No description available.

**BIOL 6528. Art and Healing**.
No description available.

**BIOL 6529. Addiction Medicine**.
No description available.

**BIOL 6530. Homelessness, Health Justice, and Street Outreach**.
No description available.

**BIOL 6533. Sex and Gender Based Medicine**.
No description available.

**BIOL 6534. Neurological Surgery**.
No Description Available.

**BIOL 6535. Biomedical Informatics**.
No description available.

**BIOL 6536. Clinical Practice of Chinese Medicine**.
No description available.

**BIOL 6537. Practical Skills in EMS and Disaster Response**.
No description available.

**BIOL 6539. Medical Journalism**.
No description available.

**BIOL 6540. Social Medicine, Justice and Evidence**.
No description available.

**BIOL 6542. Medical Portuguese**.
No description available.

**BIOL 6543. Introduction to Podcasting for Medical Education**.
No description available.

**BIOL 6544. Introduction to Medical Arabic**.
No description available.

**BIOL 6593. Medical Journalism**.
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 6653. Refugee Health and Advocacy**.
No description available.

**BIOL 6654. Adventures in Ophthalmology and Virtual Surgery**.
No description available.

**BIOL 6655. Health and Structures of Oppression**.
No description available.

**BIOL 6656. Physician Leadership: Essential Skills for Tomorrow's Health Care Leaders**.
No description available.

**BIOL 6657. Sexual Health**.
No description available.

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

**BIOL 6659. Entrepreneurship in Medicine**.
No description available.

**BIOL 6660. Advanced Ophthalmology Surgery**.
No description available.

**BIOL 6662. Environmental Health**.
No description available.

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

**BIOL 6664. Research Statistics**.
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**.
No description available.

**BIOL 6668. Intro to Patient Safety + Quality Improvement**.
No description available.

**BIOL 6669. The Virtuous Physician**.
No description available.

**BIOL 6670. Narrative Medicine**.
No description available.

**BIOL 6671. Essentials of Procedural Skills**.
No description available.

**BIOL 6672. Introduction to Trauma**.
No description available.

**BIOL 6674. Introduction to Diagnostic Imaging**.
No description available.

**BIOL 6675. The Business of Medicine**.
No description available.

**BIOL 6676. Intro to Dermatology**.
No description available.

**BIOL 6677. Digital Health**.
No description available.

**BIOL 6678. Incarceration and Health**.
No description available.

**BIOL 6679. San Miguel Project**.
No description available.

**BIOL 6680. AMS Medical Ethics**.
No description available.

**BIOL 6681. Integrative Medicine in Practice**.
No description available.

**BIOL 6682. Music and Medicine**.
No description available.

**BIOL 6683. Introduction to the Electronic Health Record**.
No description available.

**BIOL 6684. Advocacy in Action - Becoming a Citizen Physician**.
No description available.

**BIOL 6685. Medicine in Film & TV**.
No description available.

**BIOL 6686. BE REAL About Health**.
No description available.

**BIOL 6687. Trauma-Informed Patient Care**.
No description available.

**BIOL 6688. Intro to Orthopaedic Surgery**.
No description available.

**BIOL 6689. Pathways to Medicine**.
No description available.

**BIOL 6690. An Introduction to the History of Medicine**.
No description available.

**BIOL 6691. Introduction to Urology**.
No description available.

**BIOL 6692. Introduction to Interventional Radiology**.
No description available.

**BIOL 6693. Sexual Assault and Domestic Violence Training**.
No description available.

**BIOL 6695. Exploring the Biopsychosocial Model**.
No description available.

**BIOL 6696. Research in Medicine**.
No description available.

**BIOL 6697. Studio Art for Medical Practitioners**.
No description available.

**BIOL 6698. Vital Signs: Intro to Deaf Culture and American Sign Language**.
No description available.

**BIOL 6700. Spirituality in Healthcare**.
No description available.

**BIOL 6701. Last Mile Healthcare Delivery**.
No description available.

**BIOL 6702. Medical Documentary**.
No description available.

**BIOL 6703. Housing, Disability & Health Justice**.
No description available.

**BIOL 6704. Anesthesia: Much More Than Putting You to Sleep Anesthesia**.
No description available.

**BIOL 6705. Climate Change and Health**.
No description available.

**BIOL 6706. Managing Finances in Medicine**.
No description available.

**BIOL 6707. Medical Terminology**.
No description available.

**BIOL 6708. Medical Humanities Pre-Clerkship Elective**.
No description available.

**BIOL 6709. Covid-19 – Responding to Community Need in a Time of Crisis**.
No description available.

**BIOL 6710. Innovation and Entrepreneurship in Modern Medicine**.
No description available.

**BIOL 6711. Practical Skills in EMS and Disaster Response**.
No description available.

**BIOL 6712. Treating Pain: Intro to Interventional, Non-Interventional, and Alternative Therapies**.
No description available.

**BIOL 6713. Introduction to Ophthalmology**.
No description available.

**BIOL 6714. Intro to Surgical Anatomy**.
No description available.

**BIOL 6715. Planetary Health**.
No description available.

**BIOL 6716. Art Speaks**.
No description available.

**BIOL 6717. Health Insurance 101**.
No description available.

**BIOL 6718. Art in Medicine**.
No description available.

**BIOL 6719. Introduction to Cardiology**.
No description available.

**BIOL 6800. Elective in Biotechnology**.
No description available.

**BIOL 7000. Away Elective 1**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7000 | S11 | 11125 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S12 | 11126 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S13 | 11127 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S14 | 11128 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S15 | 11129 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S21 | 11130 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S22 | 11131 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S23 | 11132 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S24 | 11133 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S25 | 11134 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S28 | 11135 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S2A | 11136 | Arranged | 'To Be Arranged' |
| Fall | BIOL7000 | S4A | 11137 | Arranged | 'To Be Arranged' |
| Spr | BIOL7000 | S32 | 20566 | Arranged | 'To Be Arranged' |
| Spr | BIOL7000 | S33 | 20567 | Arranged | 'To Be Arranged' |
| Spr | BIOL7000 | S34 | 20568 | Arranged | 'To Be Arranged' |
| Spr | BIOL7000 | S38 | 20569 | Arranged | 'To Be Arranged' |
| Spr | BIOL7000 | S42 | 20570 | Arranged | 'To Be Arranged' |

**BIOL 7010. Away Elective 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7010 | S11 | 11138 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S12 | 11139 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S13 | 11140 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S14 | 11141 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S21 | 11142 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S22 | 11143 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S23 | 11144 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S24 | 11145 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S25 | 11146 | Arranged | 'To Be Arranged' |
| Fall | BIOL7010 | S26 | 11147 | Arranged | 'To Be Arranged' |
| Spr | BIOL7010 | S31 | 20571 | Arranged | 'To Be Arranged' |
| Spr | BIOL7010 | S32 | 20572 | Arranged | 'To Be Arranged' |
| Spr | BIOL7010 | S34 | 20573 | Arranged | 'To Be Arranged' |

**BIOL 7020. Away Elective 3**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7020 | S12 | 11148 | Arranged | 'To Be Arranged' |
| Fall | BIOL7020 | S14 | 11149 | Arranged | 'To Be Arranged' |
| Fall | BIOL7020 | S22 | 11150 | Arranged | 'To Be Arranged' |
| Fall | BIOL7020 | S23 | 11151 | Arranged | 'To Be Arranged' |
| Fall | BIOL7020 | S24 | 11152 | Arranged | 'To Be Arranged' |
| Spr | BIOL7020 | S31 | 20574 | Arranged | 'To Be Arranged' |
| Spr | BIOL7020 | S34 | 20575 | Arranged | 'To Be Arranged' |

**BIOL 7030. Away Elective 4**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7030 | S12 | 11153 | Arranged | 'To Be Arranged' |
| Fall | BIOL7030 | S23 | 11154 | Arranged | 'To Be Arranged' |
| Fall | BIOL7030 | S24 | 11155 | Arranged | 'To Be Arranged' |

**BIOL 7040. Away Elective 5**.
No description available.

**BIOL 7050. Away Elective**.
No description available.

**BIOL 7100. Independent Study Clinical**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7100 | S11 | 11156 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S12 | 11157 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S13 | 11158 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S14 | 11159 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S15 | 11160 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S16 | 11161 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S17 | 11162 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S18 | 11163 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S20 | 11164 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S21 | 11165 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S22 | 11166 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S23 | 11167 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S24 | 11168 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S25 | 11169 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S26 | 11170 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S27 | 11171 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S28 | 11172 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S2A | 11173 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S2B | 11174 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S2C | 11175 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S2D | 11176 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S2E | 11177 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | S4A | 11178 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS2 | 11179 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS3 | 11180 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS4 | 11181 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS5 | 11182 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS6 | 11183 | Arranged | 'To Be Arranged' |
| Fall | BIOL7100 | SS8 | 11184 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S31 | 20576 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S32 | 20577 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S33 | 20578 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S34 | 20579 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S35 | 20580 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S36 | 20581 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S38 | 20582 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S3A | 20583 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S41 | 20584 | Arranged | 'To Be Arranged' |
| Spr | BIOL7100 | S44 | 20585 | Arranged | 'To Be Arranged' |

**BIOL 7110. Independent Study Clinical 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7110 | S11 | 11185 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S12 | 11186 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S13 | 11187 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S14 | 11188 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S16 | 11189 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S19 | 11190 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S21 | 11191 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S22 | 11192 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S23 | 11193 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S24 | 11194 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S25 | 11195 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | S2B | 11196 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | SA2 | 11197 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | SS3 | 11198 | Arranged | 'To Be Arranged' |
| Fall | BIOL7110 | SS4 | 11199 | Arranged | 'To Be Arranged' |
| Spr | BIOL7110 | S32 | 20586 | Arranged | 'To Be Arranged' |
| Spr | BIOL7110 | S33 | 20587 | Arranged | 'To Be Arranged' |
| Spr | BIOL7110 | S34 | 20588 | Arranged | 'To Be Arranged' |

**BIOL 7120. Independent Study Clinical 3**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7120 | S12 | 11200 | Arranged | 'To Be Arranged' |
| Fall | BIOL7120 | S13 | 11201 | Arranged | 'To Be Arranged' |
| Fall | BIOL7120 | S22 | 11202 | Arranged | 'To Be Arranged' |
| Fall | BIOL7120 | S23 | 11203 | Arranged | 'To Be Arranged' |
| Fall | BIOL7120 | S24 | 11204 | Arranged | 'To Be Arranged' |
| Spr | BIOL7120 | S34 | 20589 | Arranged | 'To Be Arranged' |

**BIOL 7130. Independent Study Clinical 4**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7130 | S14 | 11205 | Arranged | 'To Be Arranged' |

**BIOL 7140. Approved Subinternship Independent Study**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7140 | S12 | 11206 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S14 | 11207 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S16 | 11208 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S22 | 11209 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S23 | 11210 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S24 | 11211 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | S28 | 11212 | Arranged | 'To Be Arranged' |
| Fall | BIOL7140 | SS2 | 11213 | Arranged | 'To Be Arranged' |
| Spr | BIOL7140 | S34 | 20590 | Arranged | 'To Be Arranged' |

**BIOL 7150. Independent Study Research 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7150 | S17 | 11214 | Arranged | 'To Be Arranged' |
| Fall | BIOL7150 | S22 | 11215 | Arranged | 'To Be Arranged' |
| Fall | BIOL7150 | S24 | 11216 | Arranged | 'To Be Arranged' |
| Fall | BIOL7150 | S26 | 11217 | Arranged | 'To Be Arranged' |

**BIOL 7160. Independent Study Scholarly Concentration**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7160 | S11 | 11218 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S12 | 11219 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S13 | 11220 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S14 | 11221 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S15 | 11222 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S16 | 11223 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S1A | 11224 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S21 | 11225 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S22 | 11226 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S24 | 11227 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S26 | 11228 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S27 | 11229 | Arranged | 'To Be Arranged' |
| Fall | BIOL7160 | S28 | 11230 | Arranged | 'To Be Arranged' |
| Spr | BIOL7160 | S32 | 20591 | Arranged | 'To Be Arranged' |
| Spr | BIOL7160 | S34 | 20592 | Arranged | 'To Be Arranged' |
| Spr | BIOL7160 | S35 | 20593 | Arranged | 'To Be Arranged' |
| Spr | BIOL7160 | S36 | 20594 | Arranged | 'To Be Arranged' |

**BIOL 7165. Independent Study Scholarly Concentration 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7165 | S24 | 11231 | Arranged | 'To Be Arranged' |

**BIOL 7170. Academic Scholar Program**.
No description available.

**BIOL 7171. Academic Scholar Program**.
No description available.

**BIOL 7180. Advanced Independent Study**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7180 | S2A | 11232 | Arranged | 'To Be Arranged' |

**BIOL 7190. Independent Study International**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7190 | S12 | 11233 | Arranged | 'To Be Arranged' |
| Fall | BIOL7190 | S21 | 11234 | Arranged | 'To Be Arranged' |
| Fall | BIOL7190 | S22 | 11235 | Arranged | 'To Be Arranged' |
| Fall | BIOL7190 | S24 | 11236 | Arranged | 'To Be Arranged' |

**BIOL 7192. Independent Study for MD/PHD Candidates**.
No description available.

**BIOL 7195. Independent Study in Infectious Disease - Ghana Exchange**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7195 | S23 | 11237 | Arranged | 'To Be Arranged' |
| Fall | BIOL7195 | S24 | 11238 | Arranged | 'To Be Arranged' |

**BIOL 7196. Independent Study - Haiti Exchange**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7196 | S24 | 11239 | Arranged | 'To Be Arranged' |

**BIOL 7197. Independent Study- Kenya Exchange**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7197 | S24 | 11240 | Arranged | 'To Be Arranged' |

**BIOL 7200. International Elective: University of Bologna (Italy)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7200 | S14 | 11241 | Arranged | 'To Be Arranged' |
| Fall | BIOL7200 | S22 | 11242 | Arranged | 'To Be Arranged' |

**BIOL 7205. International Elective: Kwame Nkrumah University (Ghana)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7205 | S22 | 11243 | Arranged | 'To Be Arranged' |
| Fall | BIOL7205 | S24 | 11244 | Arranged | 'To Be Arranged' |

**BIOL 7210. International Elective: Moi University (Kenya)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7210 | S24 | 11245 | Arranged | 'To Be Arranged' |

**BIOL 7215. International Elective: National Cheng Kung University (Taiwan)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7215 | S12 | 11246 | Arranged | 'To Be Arranged' |
| Fall | BIOL7215 | S24 | 11247 | Arranged | 'To Be Arranged' |

**BIOL 7220. International Elective: University of Philippines**.
No description available.

**BIOL 7225. International Elective: University of Rostock (Germany)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7225 | S14 | 11248 | Arranged | 'To Be Arranged' |

**BIOL 7230. International Elective: Technion-Israel Institute of Technology**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7230 | S23 | 11249 | Arranged | 'To Be Arranged' |
| Fall | BIOL7230 | S24 | 11250 | Arranged | 'To Be Arranged' |

**BIOL 7235. International Elective: Tokyo Women's Medical College**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7235 | S14 | 11251 | Arranged | 'To Be Arranged' |

**BIOL 7240. International Elective: University of Tuebingen (Germany)**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7240 | S24 | 11252 | Arranged | 'To Be Arranged' |

**BIOL 7245. International Elective: Zhejiang University (China)**.
No description available.

**BIOL 7246. International Elective University of Nicaragua**.
No description available.

**BIOL 7247. International Elective University of Ghana**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7247 | S22 | 11253 | Arranged | 'To Be Arranged' |

**BIOL 7248. International Elective University of Sao Paolo (Brazil)**.
No description available.

**BIOL 7249. International Elective Kyoto University (Japan)**.
No description available.

**BIOL 7250. International Elective University of Notre Dame Haiti**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7250 | S24 | 11254 | Arranged | 'To Be Arranged' |

**BIOL 7255. International Elective EWHA Womans University (Korea)**.
No description available.

**BIOL 7260. International Elective Kurume University School of Medicine**.
No description available.

**BIOL 7265. International Elective, Hospital Cabral Y Baez (Dominican Republic)**.
No description available.

**BIOL 7301. Seminar on Race + Health Disparities**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7301 | S26 | 11255 | Arranged | 'To Be Arranged' |

**BIOL 7600. Away Subinternship 1**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7600 | S14 | 11256 | Arranged | 'To Be Arranged' |
| Fall | BIOL7600 | S23 | 11257 | Arranged | 'To Be Arranged' |
| Fall | BIOL7600 | S24 | 11258 | Arranged | 'To Be Arranged' |
| Spr | BIOL7600 | S34 | 20595 | Arranged | 'To Be Arranged' |
| Spr | BIOL7600 | S44 | 20596 | Arranged | 'To Be Arranged' |

**BIOL 7605. Away Subinternship 2**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7605 | S14 | 11259 | Arranged | 'To Be Arranged' |
| Fall | BIOL7605 | S23 | 11260 | Arranged | 'To Be Arranged' |
| Fall | BIOL7605 | S24 | 11261 | Arranged | 'To Be Arranged' |
| Fall | BIOL7605 | S25 | 11262 | Arranged | 'To Be Arranged' |
| Fall | BIOL7605 | SS4 | 11263 | Arranged | 'To Be Arranged' |

**BIOL 7610. Away Subinternship 3**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7610 | S14 | 11264 | Arranged | 'To Be Arranged' |
| Fall | BIOL7610 | S24 | 11265 | Arranged | 'To Be Arranged' |

**BIOL 7615. Away Subinternship 4**.
No description available.

| | | | | | |
|---|---|---|---|---|---|
| Fall | BIOL7615 | S24 | 11266 | Arranged | 'To Be Arranged' |

## Medical Education

**MED 2010. Health Systems Science 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 Science 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 2045. Quantitative Methods**.
In this course, students will be introduced 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.

**MED 2046. Leadership in Health Care**.
This courses 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.

**MED 2050. HSS III: Pop & Clinical Med 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.

**MED 2060. HSS III: Pop & Clinical Med 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.

**MED 2070. Health Systems Science IV**.
This course is designed to further explore the themes of the Primary Care-Population Medicine Program and prepare students for the next steps in their professional careers. The course is designed to be a capstone and employs integrated, developmental, evolutionary educational spirals - providing the knowledge, attitudes and skills at the right time in the right format, and building on the first three years of the program. Course threads include Health Systems Science Advanced Content, Skill Building, Preparation for Next Career Stages, and Master's Thesis Workshopping.

**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.

**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

**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.

**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.

**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.

**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.

**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.

**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 2181. Brain Sciences with Head and Neck Anatomy**.
This is a core course for the ScM in Medical Sciences degree, part of the Gateways program at Alpert Medical School. This course builds on 4 required prerequisite courses offered in the Fall Semester. In this course, students learn the integration of neuroanatomy, gross anatomy and basic science principles, and the application of these principles to clinical neurologic dysfunction. In the anatomy portion of this course, students learn about the functional and developmental anatomy of the head and neck. This study is aided by review of prosections of the head, neck and brain, and builds on anatomical structure and function learned in the fall semester. The neurobiology section is designed to acquaint students with the major structures and functions of the nervous system, building on cell physiology and introductory materials from the fall semester, and the application to clinical dysfunction.

**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.

**MED 2200. Anatomy and Physiology**.
This course will cover major organ systems and disease sites. Organ functions will be presented in addition to standard anatomy and cross-sectional imaging based on different modalities (x-ray Mammography, CT, MRI, PET, US). Organs at risk and dose tolerance to normal structures will be discussed. Image Registration and Fusion will also be covered, as will motion management.

**MED 2210. Radiological Physics and Dosimetry**.
This course will cover the fundamental physics behind radiation production and interaction, including a review of pertinent mathematics, classical mechanics, and nuclear physics. Topics to be covered within basic radiation physics: radioactive decay, radiation producing devices, characteristics of the different types of radiation (photons, charged and uncharged particles), mechanisms of their interactions with materials, and essentials of the determination of absorbed doses, by measurement and calculation, from ionizing radiation sources used in medical physics (clinical) situations.

**MED 2220. Radiation Protection & Instrumentation**.
This course examines principles of radiation protection with application to the hospital setting in radiation oncology, diagnostic imaging, and nuclear medicine. Designs of facilities and quality management programs are examined. Radiation safety practices are reviewed for involved hospital staff, patients, and the general public. This includes various radiation sources: electronically-generated photons and electrons, sources of sealed radioactivity, and unsealed sources of radioactivity. Additionally, the practice of radiation measurements as performed by the medical physicist is taught. This aspect includes associated dosimetry protocols, instrumentation, and clinical contexts. A practicum permits hands-on opportunities to assimilate the theoretical basis and rationale for radiation measurements.

**MED 2230. Computational Medical Physics**.
The aim of the Computational Medical Physics course is to familiarize students with mathematical, statistical and computational techniques in Medical Physics and how they integrate at a systems level. Students will learn about the emerging field of Computational Medical Physics through the application of mathematical modeling, computer simulations and quantitative and data-intensive analyses to medical data towards enhancing the accuracy, safety and efficiency of patient care and providing an understanding of cancer research. Basic programming skills are expected.

**MED 2250. Radiation Therapy Physics**.
This course will provide a comprehensive survey of basic radiotherapy physics, fundamental radiation therapy, and contemporary radiation therapy. The basic principles of radiotherapy treatment modalities, radiation detection, dose calibration methods, and image-based treatment planning will be reviewed. Topics to be covered include external beam radiation therapy (photons, protons, and electrons), brachytherapy, and special procedures. Image guidance methods will be discussed as well as patient and machine quality assurance.

**MED 2260. Physics of Medical Imaging**.
The course provides the necessary physics background that underpins day-to-day medical imaging physics activities. It is aimed primarily at new entrants to the profession, but should be of benefit to postgraduate students, postdoctoral research workers, physicist-managers, representatives of allied commercial organizations and anyone wishing to deepen or re-establish their understanding of the physics of medical imaging. Overviews of specialized or research related topics, such as positron emission tomography and magnetic resonance spectroscopy are given.

**MED 2270A. Research and Clinical Practicum for Medical Physics**.
Customized for each project Note : 2.5 Credits

**MED 2280. Nuclear Medicine Physics**.
Nuclear Medical Physics - PET

**MED 2290. Advanced Radiation Therapy**.
Advanced Therapy is meant to serve as a guided self-study of advanced / applied topics in radiation therapy with emphasis on current clinical usage. Optional topics include, but are not limited to, dose calculation algorithms, optimization techniques, deformable registration techniques, modeling within treatment planning systems, and treatment planning.

**MED 2300. MR Imaging Technology, Ultrasound, and Interventional**.
This course will provide an introduction to magnetic resonance imaging scanner hardware, image acquisition methods used in the clinical setting for various contrast weightings, imaging of physiologic function, and image reconstruction methods. Causes and corrective measures for image artifacts will be discussed. Image-guided interventions for therapeutic purposes are becoming increasingly common as minimally-invasive treatments increase in popularity. The course will discuss some common methods used in interventional techniques with attention to the hardware and real-time image acquisition methods used for such therapies. An introduction to ultrasound imaging will be given which will include the physical principles of image formation, application of real-time techniques, Doppler methods for assessing blood flow, and ultrasound use in interventional procedures.

**MED 2310. Radiation Biology**.
This program provides a comprehensive overview of radiation biology with a particular emphasis on aspects of direct relevance to the practice of radiation oncology. It addresses the molecular and cellular responses to radiation-induced damage that influence cell death in both tumors and normal tissues. Quantification of radiation effects and the underlying biological basis for fractionation of radiotherapy and dose-response relationships in the clinic are covered in depth. The biological basis for current approaches to improve radiotherapy will be described including novel fractionation schemes, retreatment issues, targeting hypoxia, and biological modifiers.

**MED 2980. Independent Study in Population Medicine**.
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.

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| Fall | PLME0400 | S01 | 10246 | Arranged | (F. Luks) |

**PLME 0550. Italian and American Health Care: a Cultural, Historical and Practical View**.
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 heath 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 0700. Communication in Health Care**.
Communication is central to medical, nursing, public health and therapist practice and interpersonal relationships between patients and physicians/clinicians can be powerful curative agents. This course reviews theory and research on physician-patient communication. On-line videos, readings, discussions and exercises are enhanced by conducting and analyzing patient interviews. Appropriate for students interested in communication sciences, health psychology, health education, pre-med and other clinical training, and medical anthropology.

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| Spr | PLME0700 | S01 | 20216 | Arranged | (T. Zink) |

**PLME 0800. Wilderness, Disasters, and Global Health**.
“Wilderness, Disasters, and Global Health” is an interdisciplinary and integrative science course that explores the provision of medical care when challenges exist with regard to transportation, communication, equipment, facility infrastructure, medication supply lines, and the affordability and availability of skilled healthcare providers. This course, with a maximum enrollment of 15, is designed for any Brown senior who is interested in the outdoors, healthcare, or a science-based field. Instructor is an emergency physician, and anyone planning to pursue a medical career will learn skills to prepare for, and respond to, emergencies in a variety of limited resource environments.

**PLME 1000. PLME Senior Seminar in Scientific Medicine**.
This course is an integrative course to expose students to various medical specialties and associated clinical topics. It will include the exploration of facets of the transition to medical school and the journey to becoming a physician. 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 statistics. S/NC mandatory.

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| Fall | PLME1000 | S01 | 10247 | Arranged | (S. Saintonge) |