

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

Process for Assessing Whether Applicants Meet Technical Standards for Medicine:

1. No inquiry will be made on the application forms concerning disability. Brown's policies regarding technical abilities and skills necessary to meet the competency requirements are included with the letter of admission, and students are asked at that time to contact the Associate Dean for Medical Education if they have any concerns about their ability to meet these standards.
2. Applicants who are identified as having a disability through volunteered information, supporting credentials, or interviews will have an assessment of their ability to meet competency requirements only after a determination is made of their admissibility to the medical program.
3. Those applicants with disabilities deemed admissible to the Medical School will be requested to have submitted on their behalf appropriate documentation in regard to the disability from a qualified health professional. The health professional will be asked to provide an opinion on the candidate's ability to meet the competency requirements for the M.D. degree. The applicant may also be requested to respond to that question.
4. The responses will be submitted to a committee appointed by the Dean of Medicine and Biological Sciences. This committee may ask for a review of the supporting documentation by appropriate members of the faculty in regard to the applicant's meeting the competency requirements. The committee will ascertain what accommodations, if any, the medical program would need to make in order that the applicant might be able to meet the competency requirements, and assess the feasibility of any needed accommodations.
5. The committee will review the information received to determine if the applicant will be able to meet the competency requirements, with reasonable accommodations on the part of the medical program, if necessary.
6. The committee will recommend to the Dean of Medicine and Biological Sciences acceptance of applicants who can meet the competency requirements or will recommend nonacceptance if they cannot.

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

1. A student who develops a disability after matriculation at Brown University may be identified to the Medical Student Affairs Office through a variety of sources, e.g., reporting of accident or illness by peers, family, friends, or faculty and subsequent follow-up with health professionals managing the care.
2. If the degree to which the student has become disabled raises questions related to meeting the competency requirements after a review by the Associate Dean for Medical Education, a meeting of an ad hoc committee will be set up to discuss the situation. The student will be asked to meet with the committee members, unless the disability is so severe that the student needs to be represented

by another individual. In some cases, it might be more appropriate to have a health professional, not directly involved in the care, serve as a consultant to the committee on the issues surrounding the disability.

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

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.

Fall	BIOL3001	S01	10309	Arranged	'To Be Arranged'
Fall	BIOL3001	S02	10310	Arranged	'To Be Arranged'
Spr	BIOL3001	S03	20273	Arranged	'To Be Arranged'
Spr	BIOL3001	S04	20274	Arranged	'To Be Arranged'

BIOL 3005. Clerkship in Medicine - LIC.

No description available.

Fall	BIOL3005	S01	10311	Arranged	'To Be Arranged'
Spr	BIOL3005	S04	20275	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.

Fall	BIOL3015	S12	10312	Arranged	'To Be Arranged'
Fall	BIOL3015	S18	10313	Arranged	'To Be Arranged'

BIOL 3020. Nephrology.

No description available.

Fall	BIOL3020	S12	10314	Arranged	'To Be Arranged'
Fall	BIOL3020	S14	10315	Arranged	'To Be Arranged'
Fall	BIOL3020	S24	10316	Arranged	'To Be Arranged'
Spr	BIOL3020	S34	20276	Arranged	'To Be Arranged'

BIOL 3025. Longitudinal in Renal Disease.

No description available.

BIOL 3030. Clinical Nephrology.

No description available.

Fall	BIOL3030	S12	10317	Arranged	'To Be Arranged'
Fall	BIOL3030	S14	10318	Arranged	'To Be Arranged'
Fall	BIOL3030	S22	10319	Arranged	'To Be Arranged'
Fall	BIOL3030	S24	10320	Arranged	'To Be Arranged'

BIOL 3035. Clinical Nephrology.

No description available.

Fall	BIOL3035	S14	10321	Arranged	'To Be Arranged'
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BIOL 3040. Clinical Dermatology.

No description available.

Fall	BIOL3040	S12	10322	Arranged	'To Be Arranged'
Fall	BIOL3040	S14	10323	Arranged	'To Be Arranged'
Fall	BIOL3040	S21	10324	Arranged	'To Be Arranged'
Fall	BIOL3040	S22	10325	Arranged	'To Be Arranged'
Fall	BIOL3040	S24	10326	Arranged	'To Be Arranged'
Spr	BIOL3040	S32	20277	Arranged	'To Be Arranged'
Spr	BIOL3040	S34	20278	Arranged	'To Be Arranged'

BIOL 3045. Advanced Dermatology.

No description available.

Fall	BIOL3045	S24	10327	Arranged	'To Be Arranged'
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BIOL 3050. Gastroenterology.

No description available.

Fall	BIOL3050	S12	10328	Arranged	'To Be Arranged'
Fall	BIOL3050	S14	10329	Arranged	'To Be Arranged'
Fall	BIOL3050	S22	10330	Arranged	'To Be Arranged'
Fall	BIOL3050	S23	10331	Arranged	'To Be Arranged'
Fall	BIOL3050	S24	10332	Arranged	'To Be Arranged'
Spr	BIOL3050	S32	20279	Arranged	'To Be Arranged'
Spr	BIOL3050	S34	20280	Arranged	'To Be Arranged'

BIOL 3060. Gastroenterology.

No description available.

Fall	BIOL3060	S01	10333	Arranged	'To Be Arranged'
Fall	BIOL3060	S12	10334	Arranged	'To Be Arranged'
Fall	BIOL3060	S14	10335	Arranged	'To Be Arranged'
Fall	BIOL3060	S22	10336	Arranged	'To Be Arranged'
Fall	BIOL3060	S24	10337	Arranged	'To Be Arranged'
Spr	BIOL3060	S32	20281	Arranged	'To Be Arranged'

BIOL 3065. Infectious Disease.

No description available.

Fall	BIOL3065	S12	10338	Arranged	'To Be Arranged'
Fall	BIOL3065	S14	10339	Arranged	'To Be Arranged'
Fall	BIOL3065	S24	10340	Arranged	'To Be Arranged'
Spr	BIOL3065	S34	20282	Arranged	'To Be Arranged'

BIOL 3070. Infectious Disease.

No description available.

Fall	BIOL3070	S12	10341	Arranged	'To Be Arranged'
Fall	BIOL3070	S14	10342	Arranged	'To Be Arranged'
Fall	BIOL3070	S22	10343	Arranged	'To Be Arranged'
Fall	BIOL3070	S23	10344	Arranged	'To Be Arranged'
Fall	BIOL3070	S24	10345	Arranged	'To Be Arranged'
Spr	BIOL3070	S34	20283	Arranged	'To Be Arranged'

BIOL 3073. Infectious Disease - Newport.

No description available.

Fall	BIOL3073	S12	10346	Arranged	'To Be Arranged'
Fall	BIOL3073	S14	10347	Arranged	'To Be Arranged'
Fall	BIOL3073	S22	10348	Arranged	'To Be Arranged'
Fall	BIOL3073	S24	10349	Arranged	'To Be Arranged'
Spr	BIOL3073	S32	20284	Arranged	'To Be Arranged'

BIOL 3075. Infectious Disease.

No description available.

Fall	BIOL3075	S14	10350	Arranged	'To Be Arranged'
Fall	BIOL3075	S23	10351	Arranged	'To Be Arranged'

BIOL 3080. HIV/AIDS.

No description available.

Fall	BIOL3080	S12	10352	Arranged	'To Be Arranged'
Fall	BIOL3080	S14	10353	Arranged	'To Be Arranged'
Fall	BIOL3080	S22	10354	Arranged	'To Be Arranged'
Fall	BIOL3080	S23	10355	Arranged	'To Be Arranged'
Fall	BIOL3080	S24	10356	Arranged	'To Be Arranged'
Spr	BIOL3080	S31	20285	Arranged	'To Be Arranged'
Spr	BIOL3080	S32	20286	Arranged	'To Be Arranged'
Spr	BIOL3080	S33	20287	Arranged	'To Be Arranged'
Spr	BIOL3080	S44	20288	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.

Fall	BIOL3100	S14	10357	Arranged	'To Be Arranged'
Fall	BIOL3100	S21	10358	Arranged	'To Be Arranged'
Fall	BIOL3100	S22	10359	Arranged	'To Be Arranged'
Fall	BIOL3100	S24	10360	Arranged	'To Be Arranged'
Spr	BIOL3100	S32	20289	Arranged	'To Be Arranged'
Spr	BIOL3100	S34	20290	Arranged	'To Be Arranged'

BIOL 3110. Clinical Adult Cardiology.

No description available.

Fall	BIOL3110	S13	10361	Arranged	'To Be Arranged'
Fall	BIOL3110	S14	10362	Arranged	'To Be Arranged'
Fall	BIOL3110	S22	10363	Arranged	'To Be Arranged'
Fall	BIOL3110	S24	10364	Arranged	'To Be Arranged'
Spr	BIOL3110	S33	20291	Arranged	'To Be Arranged'
Spr	BIOL3110	S34	20292	Arranged	'To Be Arranged'

BIOL 3120. Coronary Care Unit.

No description available.

Fall	BIOL3120	S12	10365	Arranged	'To Be Arranged'
Fall	BIOL3120	S13	10366	Arranged	'To Be Arranged'
Fall	BIOL3120	S14	10367	Arranged	'To Be Arranged'
Fall	BIOL3120	S22	10368	Arranged	'To Be Arranged'
Fall	BIOL3120	S24	10369	Arranged	'To Be Arranged'
Spr	BIOL3120	S32	20293	Arranged	'To Be Arranged'
Spr	BIOL3120	S34	20294	Arranged	'To Be Arranged'

BIOL 3130. Community General Cardiology.

No description available.

Fall	BIOL3130	S12	10370	Arranged	'To Be Arranged'
Fall	BIOL3130	S14	10371	Arranged	'To Be Arranged'
Fall	BIOL3130	S22	10372	Arranged	'To Be Arranged'
Fall	BIOL3130	S24	10373	Arranged	'To Be Arranged'
Spr	BIOL3130	S32	20295	Arranged	'To Be Arranged'

BIOL 3140. Cardiology.

No description available.

Fall	BIOL3140	S14	10374	Arranged	'To Be Arranged'
Fall	BIOL3140	S22	10375	Arranged	'To Be Arranged'
Fall	BIOL3140	S24	10376	Arranged	'To Be Arranged'
Spr	BIOL3140	S34	20296	Arranged	'To Be Arranged'

BIOL 3165. Med/Peds Infectious Diseases.

No description available.

Fall	BIOL3165	S14	10377	Arranged	'To Be Arranged'
Fall	BIOL3165	S24	10378	Arranged	'To Be Arranged'
Spr	BIOL3165	S32	20297	Arranged	'To Be Arranged'
Spr	BIOL3165	S34	20298	Arranged	'To Be Arranged'

BIOL 3170. Urgent Care.

No description available.

Fall	BIOL3170	S12	10379	Arranged	'To Be Arranged'
Fall	BIOL3170	S21	10380	Arranged	'To Be Arranged'
Fall	BIOL3170	S22	10381	Arranged	'To Be Arranged'
Fall	BIOL3170	S24	10382	Arranged	'To Be Arranged'
Spr	BIOL3170	S32	20299	Arranged	'To Be Arranged'

BIOL 3180. Hospice and Palliative Medicine.

No description available.

Fall	BIOL3180	S12	10383	Arranged	'To Be Arranged'
Fall	BIOL3180	S13	10384	Arranged	'To Be Arranged'
Fall	BIOL3180	S14	10385	Arranged	'To Be Arranged'
Fall	BIOL3180	S22	10386	Arranged	'To Be Arranged'
Fall	BIOL3180	S24	10387	Arranged	'To Be Arranged'
Spr	BIOL3180	S34	20300	Arranged	'To Be Arranged'

BIOL 3190. Palliative Care - RIH.

No description available.

Fall	BIOL3190	S14	10388	Arranged	'To Be Arranged'
Fall	BIOL3190	S23	10389	Arranged	'To Be Arranged'
Fall	BIOL3190	S24	10390	Arranged	'To Be Arranged'
Spr	BIOL3190	S34	20301	Arranged	'To Be Arranged'

BIOL 3195. Surgical Palliative Care.

No description available.

BIOL 3200. Tropical Medicine in East Africa.

No description available.

Fall	BIOL3200	S14	10391	Arranged	'To Be Arranged'
Fall	BIOL3200	S15	10392	Arranged	'To Be Arranged'
Fall	BIOL3200	S18	10393	Arranged	'To Be Arranged'
Fall	BIOL3200	S24	10394	Arranged	'To Be Arranged'
Fall	BIOL3200	S25	10395	Arranged	'To Be Arranged'
Fall	BIOL3200	S28	10396	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	10397	Arranged	'To Be Arranged'
Fall	BIOL3220	S22	10398	Arranged	'To Be Arranged'
Fall	BIOL3220	S24	10399	Arranged	'To Be Arranged'
Spr	BIOL3220	S32	20302	Arranged	'To Be Arranged'
Spr	BIOL3220	S34	20303	Arranged	'To Be Arranged'

BIOL 3230. Hematology Oncology - MH.

No description available.

Fall	BIOL3230	S12	10400	Arranged	'To Be Arranged'
Fall	BIOL3230	S14	10401	Arranged	'To Be Arranged'
Fall	BIOL3230	S24	10402	Arranged	'To Be Arranged'
Spr	BIOL3230	S32	20304	Arranged	'To Be Arranged'
Spr	BIOL3230	S34	20305	Arranged	'To Be Arranged'

BIOL 3240. Clinical Hematology/Oncology.

No description available.

Fall	BIOL3240	S14	10403	Arranged	'To Be Arranged'
Fall	BIOL3240	S24	10404	Arranged	'To Be Arranged'

BIOL 3260. Hematology Oncology.

No description available.

Fall	BIOL3260	S24	10405	Arranged	'To Be Arranged'
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BIOL 3270. Hematology.

No description available.

Fall	BIOL3270	S12	10406	Arranged	'To Be Arranged'
Fall	BIOL3270	S14	10407	Arranged	'To Be Arranged'
Fall	BIOL3270	S22	10408	Arranged	'To Be Arranged'
Fall	BIOL3270	S24	10409	Arranged	'To Be Arranged'

BIOL 3280. Allergy.

No description available.

Fall	BIOL3280	S12	10410	Arranged	'To Be Arranged'
Fall	BIOL3280	S14	10411	Arranged	'To Be Arranged'
Fall	BIOL3280	S22	10412	Arranged	'To Be Arranged'
Fall	BIOL3280	S24	10413	Arranged	'To Be Arranged'
Spr	BIOL3280	S32	20306	Arranged	'To Be Arranged'
Spr	BIOL3280	S34	20307	Arranged	'To Be Arranged'

BIOL 3290. Pulmonary Diseases.

No description available.

Fall	BIOL3290	S12	10414	Arranged	'To Be Arranged'
Fall	BIOL3290	S14	10415	Arranged	'To Be Arranged'
Fall	BIOL3290	S24	10416	Arranged	'To Be Arranged'
Spr	BIOL3290	S32	20308	Arranged	'To Be Arranged'
Spr	BIOL3290	S34	20309	Arranged	'To Be Arranged'

BIOL 3300. Pulmonary Diseases.

No description available.

Fall	BIOL3300	S12	10417	Arranged	'To Be Arranged'
Fall	BIOL3300	S14	10418	Arranged	'To Be Arranged'
Fall	BIOL3300	S22	10419	Arranged	'To Be Arranged'
Fall	BIOL3300	S24	10420	Arranged	'To Be Arranged'
Spr	BIOL3300	S32	20310	Arranged	'To Be Arranged'
Spr	BIOL3300	S34	20311	Arranged	'To Be Arranged'

BIOL 3310. Pulmonary Diseases.

No description available.

Fall	BIOL3310	S12	10421	Arranged	'To Be Arranged'
Fall	BIOL3310	S14	10422	Arranged	'To Be Arranged'
Fall	BIOL3310	S22	10423	Arranged	'To Be Arranged'
Fall	BIOL3310	S24	10424	Arranged	'To Be Arranged'
Spr	BIOL3310	S34	20312	Arranged	'To Be Arranged'

BIOL 3315. Pulmonary - Inpatient - MH.

No description available.

BIOL 3320. Critical Care Consult Service.

No description available.

Fall	BIOL3320	S12	10425	Arranged	'To Be Arranged'
Fall	BIOL3320	S14	10426	Arranged	'To Be Arranged'
Fall	BIOL3320	S22	10427	Arranged	'To Be Arranged'
Fall	BIOL3320	S24	10428	Arranged	'To Be Arranged'
Spr	BIOL3320	S34	20313	Arranged	'To Be Arranged'

BIOL 3325. Critical Care Elective.

No description available.

Fall	BIOL3325	S12	10429	Arranged	'To Be Arranged'
Fall	BIOL3325	S22	10430	Arranged	'To Be Arranged'

BIOL 3326. Concussion and Brain Injury Rehabilitation.

No description available.

Fall	BIOL3326	S14	10431	Arranged	'To Be Arranged'
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BIOL 3330. Subinternship in Medicine.

No description available.

Fall	BIOL3330	S10	10432	Arranged	'To Be Arranged'
Fall	BIOL3330	S14	10433	Arranged	'To Be Arranged'
Fall	BIOL3330	S24	10434	Arranged	'To Be Arranged'
Spr	BIOL3330	S34	20314	Arranged	'To Be Arranged'

BIOL 3331. Subinternship in Medicine - MH.

No description available.

Fall	BIOL3331	S14	10435	Arranged	'To Be Arranged'
Fall	BIOL3331	S24	10436	Arranged	'To Be Arranged'

BIOL 3332. Subinternship in Medicine - MHRI.

No description available.

Fall	BIOL3332	S14	10437	Arranged	'To Be Arranged'
Fall	BIOL3332	S24	10438	Arranged	'To Be Arranged'

BIOL 3333. Subinternship in Medicine - RIH.

No description available.

Fall	BIOL3333	S14	10439	Arranged	'To Be Arranged'
Fall	BIOL3333	S24	10440	Arranged	'To Be Arranged'

BIOL 3334. Subinternship in Medicine - VAMC.

No description available.

Fall	BIOL3334	S14	10441	Arranged	'To Be Arranged'
Fall	BIOL3334	S24	10442	Arranged	'To Be Arranged'

BIOL 3336. Subinternship in Hematology/Oncology.

No description available.

Fall	BIOL3336	S14	10443	Arranged	'To Be Arranged'
Fall	BIOL3336	S24	10444	Arranged	'To Be Arranged'

BIOL 3337. Subinternship in Medicine -Newport.

No description available.

Fall	BIOL3337	S14	10445	Arranged	'To Be Arranged'
Fall	BIOL3337	S24	10446	Arranged	'To Be Arranged'

BIOL 3340. Subinternship in Medical Intensive Care (MICU).

No description available.

Fall	BIOL3340	S14	10447	Arranged	'To Be Arranged'
Fall	BIOL3340	S24	10448	Arranged	'To Be Arranged'
Spr	BIOL3340	S32	20315	Arranged	'To Be Arranged'
Spr	BIOL3340	S34	20316	Arranged	'To Be Arranged'

BIOL 3350. Subinternship in Critical Care Medicine.

No description available.

Fall	BIOL3350	S14	10449	Arranged	'To Be Arranged'
Fall	BIOL3350	S24	10450	Arranged	'To Be Arranged'
Spr	BIOL3350	S34	20317	Arranged	'To Be Arranged'

BIOL 3370. Subinternship in Intensive Care Medicine (ICU).

No description available.

Fall	BIOL3370	S13	10451	Arranged	'To Be Arranged'
Fall	BIOL3370	S14	10452	Arranged	'To Be Arranged'
Fall	BIOL3370	S24	10453	Arranged	'To Be Arranged'
Spr	BIOL3370	S34	20318	Arranged	'To Be Arranged'

BIOL 3390. Psychiatry in Medical Practice.

No description available.

Fall	BIOL3390	S12	10454	Arranged	'To Be Arranged'
Fall	BIOL3390	S14	10455	Arranged	'To Be Arranged'
Fall	BIOL3390	S15	10456	Arranged	'To Be Arranged'
Fall	BIOL3390	S22	10457	Arranged	'To Be Arranged'
Fall	BIOL3390	S23	10458	Arranged	'To Be Arranged'
Fall	BIOL3390	S24	10459	Arranged	'To Be Arranged'
Spr	BIOL3390	S34	20319	Arranged	'To Be Arranged'

BIOL 3400. Medical Consultation - OB/Gyn.

No description available.

Fall	BIOL3400	S14	10460	Arranged	'To Be Arranged'
Fall	BIOL3400	S24	10461	Arranged	'To Be Arranged'
Spr	BIOL3400	S34	20320	Arranged	'To Be Arranged'

BIOL 3405. Medical Consult in OB/Gyn and Periop Med.

No description available.

Fall	BIOL3405	S12	10462	Arranged	'To Be Arranged'
Fall	BIOL3405	S14	10463	Arranged	'To Be Arranged'
Fall	BIOL3405	S22	10464	Arranged	'To Be Arranged'
Fall	BIOL3405	S23	10465	Arranged	'To Be Arranged'
Fall	BIOL3405	S24	10466	Arranged	'To Be Arranged'
Spr	BIOL3405	S34	20321	Arranged	'To Be Arranged'

BIOL 3410. Internal Medicine in the Dominican Republic.

No description available.

Fall	BIOL3410	S24	10467	Arranged	'To Be Arranged'
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BIOL 3415. Clinical Medicine in Nicaragua.

No description available.

Fall	BIOL3415	S14	10468	Arranged	'To Be Arranged'
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BIOL 3420. Physical Medicine + Rehabilitation.

No description available.

Fall	BIOL3420	S14	10469	Arranged	'To Be Arranged'
Fall	BIOL3420	S16	10470	Arranged	'To Be Arranged'
Fall	BIOL3420	S24	10471	Arranged	'To Be Arranged'

BIOL 3425. Men's Health: Lifestyle Medicine in Practice.

No description available.

Fall	BIOL3425	S24	10472	Arranged	'To Be Arranged'
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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	10473	Arranged	'To Be Arranged'
Fall	BIOL3490	S22	10474	Arranged	'To Be Arranged'
Fall	BIOL3490	S23	10475	Arranged	'To Be Arranged'
Fall	BIOL3490	S24	10476	Arranged	'To Be Arranged'
Spr	BIOL3490	S34	20322	Arranged	'To Be Arranged'

BIOL 3500. Cardiovascular Medicine - Outpatient and Inpatient Practice.

No description available.

Fall	BIOL3500	S14	10477	Arranged	'To Be Arranged'
Fall	BIOL3500	S22	10478	Arranged	'To Be Arranged'
Fall	BIOL3500	S24	10479	Arranged	'To Be Arranged'
Spr	BIOL3500	S34	20323	Arranged	'To Be Arranged'

BIOL 3505. Medical and Interventional Pain Management.

No description available.

Fall	BIOL3505	S12	10480	Arranged	'To Be Arranged'
Fall	BIOL3505	S14	10481	Arranged	'To Be Arranged'
Fall	BIOL3505	S22	10482	Arranged	'To Be Arranged'
Fall	BIOL3505	S24	10483	Arranged	'To Be Arranged'
Spr	BIOL3505	S32	20324	Arranged	'To Be Arranged'
Spr	BIOL3505	S33	20325	Arranged	'To Be Arranged'

BIOL 3510. Clinical Reasoning and Human Errors in Medicine.

No description available.

Fall	BIOL3510	S14	10484	Arranged	'To Be Arranged'
Fall	BIOL3510	S24	10485	Arranged	'To Be Arranged'

BIOL 3515. Rheumatology Elective.

No description available.

Fall	BIOL3515	S14	10486	Arranged	'To Be Arranged'
Fall	BIOL3515	S22	10487	Arranged	'To Be Arranged'
Fall	BIOL3515	S24	10488	Arranged	'To Be Arranged'

BIOL 3516. Introduction to POCUS.

No description available.

Fall	BIOL3516	S11	10489	Arranged	'To Be Arranged'
Fall	BIOL3516	S12	10490	Arranged	'To Be Arranged'
Fall	BIOL3516	S21	10491	Arranged	'To Be Arranged'
Fall	BIOL3516	S22	10492	Arranged	'To Be Arranged'

BIOL 3517. Interprofessional Practice: A Nursing Perspective.

No description available.

Fall	BIOL3517	S12	10493	Arranged	'To Be Arranged'
Fall	BIOL3517	S22	10494	Arranged	'To Be Arranged'

BIOL 3518. Social Medicine.

No description available.

Fall	BIOL3518	S14	10495	Arranged	'To Be Arranged'
Fall	BIOL3518	S24	10496	Arranged	'To Be Arranged'

BIOL 3519. Intro to Lifestyle Medicine.

No description available.

Fall	BIOL3519	S12	10497	Arranged	'To Be Arranged'
Fall	BIOL3519	S22	10498	Arranged	'To Be Arranged'

BIOL 3551. Advanced Clinical Mentorship in Renal.

No description available.

Fall	BIOL3551	S21	10499	Arranged	'To Be Arranged'
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BIOL 3552. Advanced Clinical Mentorship in Dermatology.

No description available.

Fall	BIOL3552	S11	10500	Arranged	'To Be Arranged'
Spr	BIOL3552	S31	20326	Arranged	'To Be Arranged'
Spr	BIOL3552	S41	20327	Arranged	'To Be Arranged'

BIOL 3553. Advanced Clinical Mentorship in Cardiology.

No description available.

Fall	BIOL3553	S12	10501	Arranged	'To Be Arranged'
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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	10502	Arranged	'To Be Arranged'
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BIOL 3556. Advanced Clinical Mentorship in Infectious Disease.

No description available.

Fall	BIOL3556	S21	10503	Arranged	'To Be Arranged'
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BIOL 3557. Advanced Clinical Mentorship in Comprehensive HIV Care.

No description available.

Fall	BIOL3557	S22	10504	Arranged	'To Be Arranged'
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BIOL 3558. Advanced Clinical Mentorship in Adult Oncology.

No description available.

Fall	BIOL3558	S21	10505	Arranged	'To Be Arranged'
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BIOL 3559. Advanced Clinical Mentorship in Hematology/Oncology.

No description available.

Fall	BIOL3559	S12	10506	Arranged	'To Be Arranged'
Fall	BIOL3559	S21	10507	Arranged	'To Be Arranged'
Spr	BIOL3559	S42	20328	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	10508	Arranged	'To Be Arranged'
Fall	BIOL3562	S12	10509	Arranged	'To Be Arranged'
Fall	BIOL3562	S21	10510	Arranged	'To Be Arranged'
Fall	BIOL3562	S22	10511	Arranged	'To Be Arranged'
Spr	BIOL3562	S31	20329	Arranged	'To Be Arranged'
Spr	BIOL3562	S41	20330	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	10512	Arranged	'To Be Arranged'
Fall	BIOL3564	S12	10513	Arranged	'To Be Arranged'
Fall	BIOL3564	S21	10514	Arranged	'To Be Arranged'

BIOL 3565. Advanced Clinical Mentorship in Neurology.

No description available.

Fall	BIOL3565	S11	10515	Arranged	'To Be Arranged'
Fall	BIOL3565	S21	10516	Arranged	'To Be Arranged'
Fall	BIOL3565	S22	10517	Arranged	'To Be Arranged'
Spr	BIOL3565	S41	20331	Arranged	'To Be Arranged'

BIOL 3566. Advanced Clinical Mentorship in Orthopedic Surgery.

No description available.

Fall	BIOL3566	S11	10518	Arranged	'To Be Arranged'
Fall	BIOL3566	S21	10519	Arranged	'To Be Arranged'
Spr	BIOL3566	S41	20332	Arranged	'To Be Arranged'

BIOL 3567. Advanced Clinical Mentorship in Anesthesiology.

No description available.

Fall	BIOL3567	S11	10520	Arranged	'To Be Arranged'
Fall	BIOL3567	S22	10521	Arranged	'To Be Arranged'
Spr	BIOL3567	S41	20333	Arranged	'To Be Arranged'

BIOL 3568. Advanced Clinical Mentorship in Ophthalmology.

No description available.

Fall	BIOL3568	S11	10522	Arranged	'To Be Arranged'
Fall	BIOL3568	S12	10523	Arranged	'To Be Arranged'
Fall	BIOL3568	S21	10524	Arranged	'To Be Arranged'
Fall	BIOL3568	S22	10525	Arranged	'To Be Arranged'
Spr	BIOL3568	S31	20334	Arranged	'To Be Arranged'
Spr	BIOL3568	S41	20335	Arranged	'To Be Arranged'

BIOL 3569. Advanced Clinical Mentorship in Surgery.

No description available.

Fall	BIOL3569	S11	10526	Arranged	'To Be Arranged'
Fall	BIOL3569	S12	10527	Arranged	'To Be Arranged'
Fall	BIOL3569	S21	10528	Arranged	'To Be Arranged'
Fall	BIOL3569	S22	10529	Arranged	'To Be Arranged'
Spr	BIOL3569	S41	20336	Arranged	'To Be Arranged'

BIOL 3570. Advanced Clinical Mentorship in Pediatric Surgery.

No description available.

Fall	BIOL3570	S21	10530	Arranged	'To Be Arranged'
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BIOL 3571. Advanced Clinical Mentorship in Urology.

No description available.

Spr	BIOL3571	S31	20337	Arranged	'To Be Arranged'
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BIOL 3572. Advanced Clinical Mentorship in Hand Surgery.

No description available.

Fall	BIOL3572	S12	10531	Arranged	'To Be Arranged'
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BIOL 3573. Advanced Clinical Mentorship in ENT.

No description available.

Fall	BIOL3573	S11	10532	Arranged	'To Be Arranged'
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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	10533	Arranged	'To Be Arranged'
Fall	BIOL3576	S12	10534	Arranged	'To Be Arranged'
Fall	BIOL3576	S21	10535	Arranged	'To Be Arranged'
Fall	BIOL3576	S22	10536	Arranged	'To Be Arranged'
Spr	BIOL3576	S41	20338	Arranged	'To Be Arranged'

BIOL 3577. Advanced Clinical Mentorship in OB/Gyn.

No description available.

Fall	BIOL3577	S11	10537	Arranged	'To Be Arranged'
Fall	BIOL3577	S12	10538	Arranged	'To Be Arranged'
Fall	BIOL3577	S21	10539	Arranged	'To Be Arranged'
Fall	BIOL3577	S22	10540	Arranged	'To Be Arranged'
Spr	BIOL3577	S31	20339	Arranged	'To Be Arranged'
Spr	BIOL3577	S41	20340	Arranged	'To Be Arranged'

BIOL 3578. Advanced Clinical Mentorship in Outpatient Psychiatry.

No description available.

Fall	BIOL3578	S11	10541	Arranged	'To Be Arranged'
Fall	BIOL3578	S21	10542	Arranged	'To Be Arranged'
Spr	BIOL3578	S31	20341	Arranged	'To Be Arranged'
Spr	BIOL3578	S41	20342	Arranged	'To Be Arranged'

BIOL 3579. Advanced Clinical Mentorship in Child Psychiatry.

No description available.

Fall	BIOL3579	S12	10543	Arranged	'To Be Arranged'
Fall	BIOL3579	S21	10544	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	10545	Arranged	'To Be Arranged'
Fall	BIOL3581	S12	10546	Arranged	'To Be Arranged'
Fall	BIOL3581	S21	10547	Arranged	'To Be Arranged'
Fall	BIOL3581	S22	10548	Arranged	'To Be Arranged'
Spr	BIOL3581	S31	20343	Arranged	'To Be Arranged'
Spr	BIOL3581	S41	20344	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	10549	Arranged	'To Be Arranged'
Fall	BIOL3583	S12	10550	Arranged	'To Be Arranged'
Fall	BIOL3583	S21	10551	Arranged	'To Be Arranged'
Fall	BIOL3583	S22	10552	Arranged	'To Be Arranged'
Spr	BIOL3583	S31	20345	Arranged	'To Be Arranged'

BIOL 3584. Advanced Clinical Mentorship Vascular and Interventional Radiology.

No description available.

Fall	BIOL3584	S12	10553	Arranged	'To Be Arranged'
Fall	BIOL3584	S21	10554	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	10555	Arranged	'To Be Arranged'
Fall	BIOL3588	S21	10556	Arranged	'To Be Arranged'

BIOL 3589. Advanced Clinical Mentorship in Refugee Health.

No description available.

Fall	BIOL3589	S21	10557	Arranged	'To Be Arranged'
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BIOL 3590. Advanced Clinical Mentorship in Radiology.

No description available.

Fall	BIOL3590	S11	10558	Arranged	'To Be Arranged'
Spr	BIOL3590	S41	20346	Arranged	'To Be Arranged'

BIOL 3591. Advanced Clinical Mentorship in Pediatric Endocrinology.

No description available.

Fall BIOL3591 S11 10559 Arranged 'To Be Arranged'

BIOL 3592. ACM in Pathology.

No description available.

Spr BIOL3592 S41 20347 Arranged 'To Be Arranged'

BIOL 3640. Doctoring 1.

No description available.

Fall BIOL3640 S01 10560 Arranged 'To Be Arranged'

BIOL 3641. Integrated Medical Sciences I.

No description available.

Fall BIOL3641 S01 10561 Arranged 'To Be Arranged'

BIOL 3642. IMS 1 - Scientific Foundations of Medicine.

No description available.

Fall BIOL3642 S01 10562 Arranged 'To Be Arranged'

BIOL 3643. IMS-1 Histology.

No description available.

Fall BIOL3643 S01 10563 Arranged 'To Be Arranged'

BIOL 3644. IMS-1 Human Anatomy I.

No description available.

Fall BIOL3644 S01 10564 Arranged 'To Be Arranged'

Fall BIOL3644 S21 10565 Arranged 'To Be Arranged'

BIOL 3645. IMS-1 General Pathology.

No description available.

Fall BIOL3645 S01 10566 Arranged 'To Be Arranged'

BIOL 3650. Doctoring 2.

No description available.

Spr BIOL3650 S01 20348 Arranged 'To Be Arranged'

BIOL 3651. Integrated Medical Sciences II - Comprehensive.

No description available.

Spr BIOL3651 S01 20349 Arranged 'To Be Arranged'

BIOL 3652. IMS-2 Brain Sciences.

No description available.

Spr BIOL3652 S01 20350 Arranged 'To Be Arranged'

BIOL 3653. IMS-2 Microbiology/Infectious Diseases.

No description available.

Spr BIOL3653 S01 20351 Arranged 'To Be Arranged'

BIOL 3654. IMS-2 Endocrine Sciences.

No description available.

Fall BIOL3654 S01 10567 Arranged 'To Be Arranged'

Spr BIOL3654 S01 20352 Arranged 'To Be Arranged'

BIOL 3655. Human Anatomy II.

No description available.

Spr BIOL3655 S01 20353 Arranged 'To Be Arranged'

Spr BIOL3655 S31 20354 Arranged 'To Be Arranged'

BIOL 3656. Health Systems Science.

No description available.

Fall BIOL3656 S01 10568 Arranged 'To Be Arranged'

BIOL 3657. Health Systems and Policy II.

No description available.

BIOL 3660. Doctoring 3.

No description available.

Fall BIOL3660 S01 10569 Arranged 'To Be Arranged'

BIOL 3661. Integrated Medical Sciences III - Comprehensive.

No description available.

Fall BIOL3661 S01 10570 Arranged 'To Be Arranged'

BIOL 3662. IMS-3 Cardiovascular.

No description available.

Fall BIOL3662 S01 10571 Arranged 'To Be Arranged'

BIOL 3663. IMS-3 Pulmonary.

No description available.

Fall BIOL3663 S01 10572 Arranged 'To Be Arranged'

BIOL 3664. IMS-3 Renal.

No description available.

Fall BIOL3664 S01 10573 Arranged 'To Be Arranged'

BIOL 3665. IMS-II Supporting Structures.

No description available.

Fall BIOL3665 S01 10574 Arranged 'To Be Arranged'

Spr BIOL3665 S01 20355 Arranged 'To Be Arranged'

BIOL 3666. Integrated Medical Sciences III - Systemic Pathology.

No description available.

Fall BIOL3666 S01 10575 Arranged 'To Be Arranged'

BIOL 3667. Integrated Medical Sciences III - System-Based Pharmacology.

No description available.

Fall BIOL3667 S01 10576 Arranged 'To Be Arranged'

BIOL 3670. Doctoring 4.

No description available.

Spr BIOL3670 S01 20356 Arranged 'To Be Arranged'

BIOL 3671. Integrated Medical Sciences IV - Comprehensive.

No description available.

Spr BIOL3671 S01 20357 Arranged 'To Be Arranged'

BIOL 3672. IMS-4 Hematology.

No description available.

Spr BIOL3672 S01 20358 Arranged 'To Be Arranged'

BIOL 3673. IMS-4 Gastroenterology.

No description available.

Spr BIOL3673 S01 20359 Arranged 'To Be Arranged'

BIOL 3674. IMS-3 Human Reproduction.

No description available.

Fall BIOL3674 S01 10577 Arranged 'To Be Arranged'

BIOL 3675. Integrated Medical Sciences IV - Systemic Pathology.

No description available.

Spr BIOL3675 S01 20360 Arranged 'To Be Arranged'

BIOL 3676. Integrated Medical Sciences IV - System-Based Pharmacology.

No description available.

Spr BIOL3676 S01 20361 Arranged 'To Be Arranged'

BIOL 3691. System-Based Pharmacology.

No description available.

BIOL 3750. Neurology.

No description available.

Fall BIOL3750 S12 10578 Arranged 'To Be Arranged'

Fall BIOL3750 S13 10579 Arranged 'To Be Arranged'

Fall BIOL3750 S14 10580 Arranged 'To Be Arranged'

Fall BIOL3750 S22 10581 Arranged 'To Be Arranged'

Fall BIOL3750 S23 10582 Arranged 'To Be Arranged'

Fall BIOL3750 S24 10583 Arranged 'To Be Arranged'

Spr BIOL3750 S32 20362 Arranged 'To Be Arranged'

Spr BIOL3750 S34 20363 Arranged 'To Be Arranged'

BIOL 3760. Clinical Neurology.

No description available.

BIOL 3770. Clinical Neurology.

No description available.

Fall BIOL3770 S11 10584 Arranged 'To Be Arranged'

Fall BIOL3770 S12 10585 Arranged 'To Be Arranged'

Fall BIOL3770 S22 10586 Arranged 'To Be Arranged'

Spr BIOL3770 S32 20364 Arranged 'To Be Arranged'

BIOL 3775. Subinternship in Neurocritical Care.

No description available.

Fall	BIOL3775	S14	10587	Arranged	'To Be Arranged'
Fall	BIOL3775	S24	10588	Arranged	'To Be Arranged'
Spr	BIOL3775	S34	20365	Arranged	'To Be Arranged'

BIOL 3776. Elective in Neurocritical Care.

No description available.

Fall	BIOL3776	S12	10589	Arranged	'To Be Arranged'
Fall	BIOL3776	S22	10590	Arranged	'To Be Arranged'
Spr	BIOL3776	S32	20366	Arranged	'To Be Arranged'

BIOL 3780. Comprehensive Elective in Neurology.

No description available.

Fall	BIOL3780	S14	10591	Arranged	'To Be Arranged'
Fall	BIOL3780	S24	10592	Arranged	'To Be Arranged'

BIOL 3785. Subinternship in Neurology.

No description available.

Fall	BIOL3785	S14	10593	Arranged	'To Be Arranged'
Fall	BIOL3785	S24	10594	Arranged	'To Be Arranged'

BIOL 3790. Aging and Dementia.

No description available.

Fall	BIOL3790	S12	10595	Arranged	'To Be Arranged'
Fall	BIOL3790	S22	10596	Arranged	'To Be Arranged'
Fall	BIOL3790	S24	10597	Arranged	'To Be Arranged'
Spr	BIOL3790	S32	20367	Arranged	'To Be Arranged'
Spr	BIOL3790	S34	20368	Arranged	'To Be Arranged'

BIOL 3795. Elective Clerkship in Neurology.

No description available.

Fall	BIOL3795	S14	10598	Arranged	'To Be Arranged'
Fall	BIOL3795	S24	10599	Arranged	'To Be Arranged'

BIOL 3800. Neurosurgery.

No description available.

Fall	BIOL3800	S12	10600	Arranged	'To Be Arranged'
Fall	BIOL3800	S13	10601	Arranged	'To Be Arranged'
Fall	BIOL3800	S14	10602	Arranged	'To Be Arranged'
Fall	BIOL3800	S22	10603	Arranged	'To Be Arranged'
Fall	BIOL3800	S24	10604	Arranged	'To Be Arranged'
Spr	BIOL3800	S32	20369	Arranged	'To Be Arranged'
Spr	BIOL3800	S34	20370	Arranged	'To Be Arranged'

BIOL 3815. Subinternship in Neurosurgery.

No description available.

Fall	BIOL3815	S14	10605	Arranged	'To Be Arranged'
Fall	BIOL3815	S15	10606	Arranged	'To Be Arranged'
Fall	BIOL3815	S24	10607	Arranged	'To Be Arranged'

BIOL 3820. Neurointerventional Surgery.

No description available.

Fall	BIOL3820	S12	10608	Arranged	'To Be Arranged'
Fall	BIOL3820	S22	10609	Arranged	'To Be Arranged'
Fall	BIOL3820	S24	10610	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	10611	Arranged	'To Be Arranged'
Fall	BIOL3900	S02	10612	Arranged	'To Be Arranged'
Spr	BIOL3900	S03	20371	Arranged	'To Be Arranged'

BIOL 3905. Individual Clerkship in Surgery.

No description available.

Fall	BIOL3905	S14	10613	Arranged	'To Be Arranged'
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BIOL 3910. Introduction to Surgical Oncology.

No description available.

Fall	BIOL3910	S12	10614	Arranged	'To Be Arranged'
Fall	BIOL3910	S13	10615	Arranged	'To Be Arranged'
Fall	BIOL3910	S14	10616	Arranged	'To Be Arranged'
Fall	BIOL3910	S24	10617	Arranged	'To Be Arranged'
Spr	BIOL3910	S32	20372	Arranged	'To Be Arranged'
Spr	BIOL3910	S34	20373	Arranged	'To Be Arranged'

BIOL 3915. Clerkship in Surgery - LIC.

No description available.

Fall	BIOL3915	S01	10618	Arranged	'To Be Arranged'
Spr	BIOL3915	S04	20374	Arranged	'To Be Arranged'

BIOL 3920. Surgery of the Alimentary Tract.

No description available.

Fall	BIOL3920	S14	10619	Arranged	'To Be Arranged'
Fall	BIOL3920	S22	10620	Arranged	'To Be Arranged'
Fall	BIOL3920	S24	10621	Arranged	'To Be Arranged'

BIOL 3930. Physical Medicine and Rehabilitation.

No description available.

Fall	BIOL3930	S12	10622	Arranged	'To Be Arranged'
Fall	BIOL3930	S14	10623	Arranged	'To Be Arranged'
Fall	BIOL3930	S22	10624	Arranged	'To Be Arranged'
Fall	BIOL3930	S23	10625	Arranged	'To Be Arranged'
Fall	BIOL3930	S24	10626	Arranged	'To Be Arranged'
Spr	BIOL3930	S32	20375	Arranged	'To Be Arranged'

BIOL 3940. Subinternship in Surgical Intensive Care (SICU).

No description available.

Fall	BIOL3940	S14	10627	Arranged	'To Be Arranged'
Fall	BIOL3940	S24	10628	Arranged	'To Be Arranged'
Spr	BIOL3940	S32	20376	Arranged	'To Be Arranged'
Spr	BIOL3940	S34	20377	Arranged	'To Be Arranged'

BIOL 3950. Outpatient Management of Musculoskeletal Problems.

No description available.

Fall	BIOL3950	S12	10629	Arranged	'To Be Arranged'
Fall	BIOL3950	S14	10630	Arranged	'To Be Arranged'
Fall	BIOL3950	S22	10631	Arranged	'To Be Arranged'
Fall	BIOL3950	S24	10632	Arranged	'To Be Arranged'
Spr	BIOL3950	S32	20378	Arranged	'To Be Arranged'
Spr	BIOL3950	S34	20379	Arranged	'To Be Arranged'

BIOL 3960. Subinternship in Orthopedic Surgery.

No description available.

Fall	BIOL3960	S14	10633	Arranged	'To Be Arranged'
Fall	BIOL3960	S24	10634	Arranged	'To Be Arranged'
Spr	BIOL3960	S34	20380	Arranged	'To Be Arranged'

BIOL 3965. Physical Medicine and Rehabilitation (PM&R): Outpatient.

No description available.

Fall	BIOL3965	S13	10635	Arranged	'To Be Arranged'
Fall	BIOL3965	S14	10636	Arranged	'To Be Arranged'
Fall	BIOL3965	S24	10637	Arranged	'To Be Arranged'

BIOL 3970. Orthopedic Surgery in the Community.

No description available.

Fall	BIOL3970	S14	10638	Arranged	'To Be Arranged'
Fall	BIOL3970	S24	10639	Arranged	'To Be Arranged'

BIOL 3975. Primary Care Orthopedics.

No description available.

Fall	BIOL3975	S12	10640	Arranged	'To Be Arranged'
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BIOL 3980. Hand and Upper Extremity Surgery.

No description available.

Fall	BIOL3980	S14	10641	Arranged	'To Be Arranged'
Fall	BIOL3980	S22	10642	Arranged	'To Be Arranged'
Fall	BIOL3980	S24	10643	Arranged	'To Be Arranged'
Spr	BIOL3980	S32	20381	Arranged	'To Be Arranged'

BIOL 3985. Orthopedic Surgery and Sports Medicine.

No description available.

Fall	BIOL3985	S14	10644	Arranged	'To Be Arranged'
Fall	BIOL3985	S24	10645	Arranged	'To Be Arranged'
Spr	BIOL3985	S34	20382	Arranged	'To Be Arranged'

BIOL 3990. Pediatric Orthopedic Surgery.

No description available.

Fall	BIOL3990	S12	10646	Arranged	'To Be Arranged'
Fall	BIOL3990	S14	10647	Arranged	'To Be Arranged'
Fall	BIOL3990	S22	10648	Arranged	'To Be Arranged'
Fall	BIOL3990	S24	10649	Arranged	'To Be Arranged'
Spr	BIOL3990	S32	20383	Arranged	'To Be Arranged'
Spr	BIOL3990	S34	20384	Arranged	'To Be Arranged'

BIOL 3995. Orthopedic Surgery and Sports Medicine in a Community Setting.

No description available.

Fall	BIOL3995	S24	10650	Arranged	'To Be Arranged'
Spr	BIOL3995	S34	20385	Arranged	'To Be Arranged'

BIOL 4000. Outpatient Orthopedics.

No description available.

Fall	BIOL4000	S22	10651	Arranged	'To Be Arranged'
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BIOL 4010. Anesthesiology.

No description available.

Fall	BIOL4010	S10	10652	Arranged	'To Be Arranged'
Fall	BIOL4010	S12	10653	Arranged	'To Be Arranged'
Fall	BIOL4010	S14	10654	Arranged	'To Be Arranged'
Fall	BIOL4010	S21	10655	Arranged	'To Be Arranged'
Fall	BIOL4010	S22	10656	Arranged	'To Be Arranged'
Fall	BIOL4010	S24	10657	Arranged	'To Be Arranged'
Spr	BIOL4010	S32	20386	Arranged	'To Be Arranged'
Spr	BIOL4010	S34	20387	Arranged	'To Be Arranged'

BIOL 4011. Anesthesiology - MH.

No description available.

Fall	BIOL4011	S12	10658	Arranged	'To Be Arranged'
Fall	BIOL4011	S14	10659	Arranged	'To Be Arranged'
Fall	BIOL4011	S22	10660	Arranged	'To Be Arranged'
Fall	BIOL4011	S24	10661	Arranged	'To Be Arranged'
Spr	BIOL4011	S32	20388	Arranged	'To Be Arranged'

BIOL 4012. Anesthesiology - RIH.

No description available.

Fall	BIOL4012	S12	10662	Arranged	'To Be Arranged'
Fall	BIOL4012	S14	10663	Arranged	'To Be Arranged'
Fall	BIOL4012	S22	10664	Arranged	'To Be Arranged'
Fall	BIOL4012	S23	10665	Arranged	'To Be Arranged'
Fall	BIOL4012	S24	10666	Arranged	'To Be Arranged'
Spr	BIOL4012	S32	20389	Arranged	'To Be Arranged'
Spr	BIOL4012	S34	20390	Arranged	'To Be Arranged'

BIOL 4013. Anesthesiology - WIH.

No description available.

Fall	BIOL4013	S11	10667	Arranged	'To Be Arranged'
Fall	BIOL4013	S12	10668	Arranged	'To Be Arranged'
Fall	BIOL4013	S14	10669	Arranged	'To Be Arranged'
Fall	BIOL4013	S22	10670	Arranged	'To Be Arranged'
Fall	BIOL4013	S24	10671	Arranged	'To Be Arranged'
Spr	BIOL4013	S32	20391	Arranged	'To Be Arranged'
Spr	BIOL4013	S34	20392	Arranged	'To Be Arranged'

BIOL 4020. Pediatric Anesthesiology.

No description available.

Fall	BIOL4020	S12	10672	Arranged	'To Be Arranged'
Fall	BIOL4020	S14	10673	Arranged	'To Be Arranged'
Fall	BIOL4020	S22	10674	Arranged	'To Be Arranged'
Fall	BIOL4020	S23	10675	Arranged	'To Be Arranged'
Fall	BIOL4020	S24	10676	Arranged	'To Be Arranged'
Spr	BIOL4020	S32	20393	Arranged	'To Be Arranged'

BIOL 4025. Subinternship in Anesthesiology.

No description available.

Fall	BIOL4025	S14	10677	Arranged	'To Be Arranged'
Fall	BIOL4025	S24	10678	Arranged	'To Be Arranged'
Spr	BIOL4025	S34	20394	Arranged	'To Be Arranged'

BIOL 4030. Ophthalmology.

No description available.

Fall	BIOL4030	S11	10679	Arranged	'To Be Arranged'
Fall	BIOL4030	S12	10680	Arranged	'To Be Arranged'
Fall	BIOL4030	S14	10681	Arranged	'To Be Arranged'
Fall	BIOL4030	S22	10682	Arranged	'To Be Arranged'
Fall	BIOL4030	S24	10683	Arranged	'To Be Arranged'
Spr	BIOL4030	S32	20395	Arranged	'To Be Arranged'
Spr	BIOL4030	S34	20396	Arranged	'To Be Arranged'

BIOL 4040. Ophthalmology in a Missionary Hospital.

No description available.

BIOL 4070. Ophthalmology.

No description available.

Fall	BIOL4070	S12	10684	Arranged	'To Be Arranged'
Fall	BIOL4070	S13	10685	Arranged	'To Be Arranged'
Fall	BIOL4070	S14	10686	Arranged	'To Be Arranged'
Fall	BIOL4070	S22	10687	Arranged	'To Be Arranged'
Fall	BIOL4070	S24	10688	Arranged	'To Be Arranged'
Spr	BIOL4070	S32	20397	Arranged	'To Be Arranged'
Spr	BIOL4070	S34	20398	Arranged	'To Be Arranged'

BIOL 4075. Pediatric Ophthalmology.

No description available.

Fall	BIOL4075	S14	10689	Arranged	'To Be Arranged'
Fall	BIOL4075	S22	10690	Arranged	'To Be Arranged'

BIOL 4100. Pediatric Surgery.

No description available.

Fall	BIOL4100	S12	10691	Arranged	'To Be Arranged'
Fall	BIOL4100	S13	10692	Arranged	'To Be Arranged'
Fall	BIOL4100	S14	10693	Arranged	'To Be Arranged'
Fall	BIOL4100	S22	10694	Arranged	'To Be Arranged'
Fall	BIOL4100	S24	10695	Arranged	'To Be Arranged'
Spr	BIOL4100	S32	20399	Arranged	'To Be Arranged'
Spr	BIOL4100	S34	20400	Arranged	'To Be Arranged'

BIOL 4110. Adult Cardiac Surgery.

No description available.

Fall	BIOL4110	S12	10696	Arranged	'To Be Arranged'
Fall	BIOL4110	S13	10697	Arranged	'To Be Arranged'
Fall	BIOL4110	S24	10698	Arranged	'To Be Arranged'

BIOL 4120. Cardiothoracic Surgery.

No description available.

Fall	BIOL4120	S12	10699	Arranged	'To Be Arranged'
Fall	BIOL4120	S14	10700	Arranged	'To Be Arranged'
Fall	BIOL4120	S22	10701	Arranged	'To Be Arranged'
Fall	BIOL4120	S24	10702	Arranged	'To Be Arranged'
Spr	BIOL4120	S32	20401	Arranged	'To Be Arranged'

BIOL 4130. Subinternship in Cardiovascular Surgery.

No description available.

BIOL 4140. Endocrine Surgery.

No description available.

Fall	BIOL4140	S14	10703	Arranged	'To Be Arranged'
Fall	BIOL4140	S22	10704	Arranged	'To Be Arranged'
Fall	BIOL4140	S23	10705	Arranged	'To Be Arranged'
Spr	BIOL4140	S34	20402	Arranged	'To Be Arranged'

BIOL 4150. Clinical Urology.

No description available.

Fall	BIOL4150	S14	10706	Arranged	'To Be Arranged'
Fall	BIOL4150	S22	10707	Arranged	'To Be Arranged'
Fall	BIOL4150	S24	10708	Arranged	'To Be Arranged'
Spr	BIOL4150	S34	20403	Arranged	'To Be Arranged'

BIOL 4155. Subinternship in Urology.

No description available.

Fall	BIOL4155	S14	10709	Arranged	'To Be Arranged'
Fall	BIOL4155	S24	10710	Arranged	'To Be Arranged'
Spr	BIOL4155	S34	20404	Arranged	'To Be Arranged'

BIOL 4160. Elective in Gynecological Surgery.

No description available.

Fall	BIOL4160	S14	10711	Arranged	'To Be Arranged'
Fall	BIOL4160	S24	10712	Arranged	'To Be Arranged'
Spr	BIOL4160	S34	20405	Arranged	'To Be Arranged'

BIOL 4170. Plastic Surgery.

No description available.

Fall	BIOL4170	S12	10713	Arranged	'To Be Arranged'
Fall	BIOL4170	S14	10714	Arranged	'To Be Arranged'
Fall	BIOL4170	S22	10715	Arranged	'To Be Arranged'
Fall	BIOL4170	S23	10716	Arranged	'To Be Arranged'
Fall	BIOL4170	S24	10717	Arranged	'To Be Arranged'
Spr	BIOL4170	S34	20406	Arranged	'To Be Arranged'

BIOL 4175. Subinternship in Plastic Surgery.

No description available.

Fall	BIOL4175	S14	10718	Arranged	'To Be Arranged'
Fall	BIOL4175	S24	10719	Arranged	'To Be Arranged'

BIOL 4180. Subinternship in Surgery.

No description available.

Fall	BIOL4180	S14	10720	Arranged	'To Be Arranged'
Fall	BIOL4180	S24	10721	Arranged	'To Be Arranged'
Spr	BIOL4180	S34	20407	Arranged	'To Be Arranged'

BIOL 4181. Hand Surgery for Primary Care.

No description available.

Fall	BIOL4181	S14	10722	Arranged	'To Be Arranged'
Fall	BIOL4181	S24	10723	Arranged	'To Be Arranged'

BIOL 4185. Subinternship in Surgical Oncology.

No description available.

Fall	BIOL4185	S14	10724	Arranged	'To Be Arranged'
Fall	BIOL4185	S24	10725	Arranged	'To Be Arranged'

BIOL 4190. Subinternship in Surgery.

No description available.

Fall	BIOL4190	S14	10726	Arranged	'To Be Arranged'
Fall	BIOL4190	S24	10727	Arranged	'To Be Arranged'
Spr	BIOL4190	S34	20408	Arranged	'To Be Arranged'

BIOL 4195. Subinternship in Colon and Rectal Surgery.

No description available.

Fall	BIOL4195	S14	10728	Arranged	'To Be Arranged'
Fall	BIOL4195	S24	10729	Arranged	'To Be Arranged'

BIOL 4197. Vascular Surgery.

No description available.

Fall	BIOL4197	S14	10730	Arranged	'To Be Arranged'
Fall	BIOL4197	S22	10731	Arranged	'To Be Arranged'
Fall	BIOL4197	S24	10732	Arranged	'To Be Arranged'

BIOL 4199. Subinternship in Acute Care Surgery.

No description available.

Fall	BIOL4199	S14	10733	Arranged	'To Be Arranged'
Fall	BIOL4199	S24	10734	Arranged	'To Be Arranged'
Spr	BIOL4199	S34	20409	Arranged	'To Be Arranged'

BIOL 4210. Otorhinolaryngology.

No description available.

Fall	BIOL4210	S12	10735	Arranged	'To Be Arranged'
Fall	BIOL4210	S14	10736	Arranged	'To Be Arranged'
Fall	BIOL4210	S21	10737	Arranged	'To Be Arranged'
Fall	BIOL4210	S22	10738	Arranged	'To Be Arranged'
Fall	BIOL4210	S24	10739	Arranged	'To Be Arranged'
Spr	BIOL4210	S32	20410	Arranged	'To Be Arranged'
Spr	BIOL4210	S34	20411	Arranged	'To Be Arranged'

BIOL 4215. Subinternship in Otolaryngology.

No description available.

Fall	BIOL4215	S14	10740	Arranged	'To Be Arranged'
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BIOL 4220. Head/Neck Pathology-Maxillofacial Surgery.

No description available.

BIOL 4230. Nutrition and Nutritional Support.

No description available.

Fall	BIOL4230	S12	10741	Arranged	'To Be Arranged'
Fall	BIOL4230	S22	10742	Arranged	'To Be Arranged'
Spr	BIOL4230	S32	20412	Arranged	'To Be Arranged'

BIOL 4240. Ambulatory Plastic Surgery.

No description available.

BIOL 4250. Trauma.

No description available.

Fall	BIOL4250	S14	10743	Arranged	'To Be Arranged'
Fall	BIOL4250	S22	10744	Arranged	'To Be Arranged'
Fall	BIOL4250	S24	10745	Arranged	'To Be Arranged'
Spr	BIOL4250	S33	20413	Arranged	'To Be Arranged'
Spr	BIOL4250	S34	20414	Arranged	'To Be Arranged'

BIOL 4270. Subinternship in Cardiac Surgery.

No description available.

Fall	BIOL4270	S12	10746	Arranged	'To Be Arranged'
Fall	BIOL4270	S14	10747	Arranged	'To Be Arranged'
Fall	BIOL4270	S24	10748	Arranged	'To Be Arranged'

BIOL 4280. Introduction to Thoracic Surgery.

No description available.

Fall	BIOL4280	S14	10749	Arranged	'To Be Arranged'
Fall	BIOL4280	S24	10750	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	10751	Arranged	'To Be Arranged'
Fall	BIOL4300	S13	10752	Arranged	'To Be Arranged'
Fall	BIOL4300	S14	10753	Arranged	'To Be Arranged'
Fall	BIOL4300	S22	10754	Arranged	'To Be Arranged'
Fall	BIOL4300	S24	10755	Arranged	'To Be Arranged'
Spr	BIOL4300	S32	20415	Arranged	'To Be Arranged'

BIOL 4328. Internship Prep Course.

No description available.

BIOL 4330. Online Internship Prep Course.

No description available.

Fall	BIOL4330	S11	10756	Arranged	'To Be Arranged'
Spr	BIOL4330	S41	20416	Arranged	'To Be Arranged'

BIOL 4345. Internship Prep Course.

No description available.

Fall	BIOL4345	S21	10757	Arranged	'To Be Arranged'
Spr	BIOL4345	S31	20417	Arranged	'To Be Arranged'

BIOL 4500. Core Clerkship in Pediatrics.

Six weeks.

Fall	BIOL4500	S01	10758	Arranged	'To Be Arranged'
Fall	BIOL4500	S02	10759	Arranged	'To Be Arranged'
Spr	BIOL4500	S03	20418	Arranged	'To Be Arranged'

BIOL 4505. Individualized Clerkship in Pediatrics.

No description available.

BIOL 4510. Pediatric Hematology Oncology.

No description available.

Fall	BIOL4510	S12	10760	Arranged	'To Be Arranged'
Fall	BIOL4510	S14	10761	Arranged	'To Be Arranged'
Fall	BIOL4510	S24	10762	Arranged	'To Be Arranged'
Spr	BIOL4510	S34	20419	Arranged	'To Be Arranged'

BIOL 4515. Clerkship in Pediatrics - LIC.

No description available.

Fall	BIOL4515	S01	10763	Arranged	'To Be Arranged'
Spr	BIOL4515	S04	20420	Arranged	'To Be Arranged'

BIOL 4520. Pediatric Neurology.

No description available.

Fall	BIOL4520	S12	10764	Arranged	'To Be Arranged'
Fall	BIOL4520	S13	10765	Arranged	'To Be Arranged'
Fall	BIOL4520	S14	10766	Arranged	'To Be Arranged'
Fall	BIOL4520	S23	10767	Arranged	'To Be Arranged'
Fall	BIOL4520	S24	10768	Arranged	'To Be Arranged'
Spr	BIOL4520	S34	20421	Arranged	'To Be Arranged'

BIOL 4530. Pediatric Urology.

No description available.

Fall	BIOL4530	S12	10769	Arranged	'To Be Arranged'
Fall	BIOL4530	S14	10770	Arranged	'To Be Arranged'
Fall	BIOL4530	S22	10771	Arranged	'To Be Arranged'
Spr	BIOL4530	S32	20422	Arranged	'To Be Arranged'

BIOL 4540. Child Development and Developmental Disabilities.

No description available.

Fall	BIOL4540	S12	10772	Arranged	'To Be Arranged'
Fall	BIOL4540	S14	10773	Arranged	'To Be Arranged'
Fall	BIOL4540	S22	10774	Arranged	'To Be Arranged'
Fall	BIOL4540	S23	10775	Arranged	'To Be Arranged'
Fall	BIOL4540	S24	10776	Arranged	'To Be Arranged'
Spr	BIOL4540	S32	20423	Arranged	'To Be Arranged'
Spr	BIOL4540	S34	20424	Arranged	'To Be Arranged'

BIOL 4550. Adolescent Medicine.

No description available.

Fall	BIOL4550	S12	10777	Arranged	'To Be Arranged'
Fall	BIOL4550	S13	10778	Arranged	'To Be Arranged'
Fall	BIOL4550	S14	10779	Arranged	'To Be Arranged'
Fall	BIOL4550	S22	10780	Arranged	'To Be Arranged'
Fall	BIOL4550	S23	10781	Arranged	'To Be Arranged'
Fall	BIOL4550	S24	10782	Arranged	'To Be Arranged'
Spr	BIOL4550	S34	20425	Arranged	'To Be Arranged'

BIOL 4560. Pediatric Cardiology.

No description available.

Fall	BIOL4560	S14	10783	Arranged	'To Be Arranged'
Fall	BIOL4560	S22	10784	Arranged	'To Be Arranged'
Fall	BIOL4560	S24	10785	Arranged	'To Be Arranged'
Spr	BIOL4560	S34	20426	Arranged	'To Be Arranged'

BIOL 4570. Pediatric Infectious Diseases.

No description available.

Fall	BIOL4570	S12	10786	Arranged	'To Be Arranged'
Fall	BIOL4570	S14	10787	Arranged	'To Be Arranged'
Fall	BIOL4570	S24	10788	Arranged	'To Be Arranged'
Spr	BIOL4570	S33	20427	Arranged	'To Be Arranged'
Spr	BIOL4570	S34	20428	Arranged	'To Be Arranged'

BIOL 4580. Pediatric Endocrinology.

No description available.

Fall	BIOL4580	S14	10789	Arranged	'To Be Arranged'
Fall	BIOL4580	S24	10790	Arranged	'To Be Arranged'
Spr	BIOL4580	S34	20429	Arranged	'To Be Arranged'

BIOL 4590. Ambulatory Pediatrics.

No description available.

BIOL 4600. Pediatric Neurorehabilitation.

No description available.

Fall	BIOL4600	S12	10791	Arranged	'To Be Arranged'
Fall	BIOL4600	S22	10792	Arranged	'To Be Arranged'
Fall	BIOL4600	S24	10793	Arranged	'To Be Arranged'
Spr	BIOL4600	S32	20430	Arranged	'To Be Arranged'

BIOL 4620. Subinternship in Perinatal Medicine (NICU).

No description available.

Fall	BIOL4620	S14	10794	Arranged	'To Be Arranged'
Fall	BIOL4620	S24	10795	Arranged	'To Be Arranged'

BIOL 4630. Subinternship in Pediatrics.

No description available.

Fall	BIOL4630	S14	10796	Arranged	'To Be Arranged'
Fall	BIOL4630	S24	10797	Arranged	'To Be Arranged'
Spr	BIOL4630	S34	20431	Arranged	'To Be Arranged'

BIOL 4640. Subinternship in Pediatric Critical Care.

No description available.

Fall	BIOL4640	S14	10798	Arranged	'To Be Arranged'
Fall	BIOL4640	S24	10799	Arranged	'To Be Arranged'
Spr	BIOL4640	S34	20432	Arranged	'To Be Arranged'

BIOL 4650. Child Abuse Pediatrics.

No description available.

Fall	BIOL4650	S11	10800	Arranged	'To Be Arranged'
Fall	BIOL4650	S12	10801	Arranged	'To Be Arranged'
Fall	BIOL4650	S14	10802	Arranged	'To Be Arranged'
Fall	BIOL4650	S21	10803	Arranged	'To Be Arranged'
Fall	BIOL4650	S22	10804	Arranged	'To Be Arranged'
Fall	BIOL4650	S24	10805	Arranged	'To Be Arranged'
Spr	BIOL4650	S34	20433	Arranged	'To Be Arranged'

BIOL 4655. Gender Sexuality & Reproductive Justice.

No description available.

Fall	BIOL4655	S14	10806	Arranged	'To Be Arranged'
Fall	BIOL4655	S24	10807	Arranged	'To Be Arranged'
Spr	BIOL4655	S34	20434	Arranged	'To Be Arranged'

BIOL 4670. Pediatrics in a Developing Country: Cambodia.

No description available.

Fall	BIOL4670	S24	10808	Arranged	'To Be Arranged'
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BIOL 4680. Subinternship in Pediatric Hematology-Oncology.

No description available.

Fall	BIOL4680	S14	10809	Arranged	'To Be Arranged'
Fall	BIOL4680	S24	10810	Arranged	'To Be Arranged'

BIOL 4690. Pediatric Gastroenterology.

No description available.

Fall	BIOL4690	S14	10811	Arranged	'To Be Arranged'
Fall	BIOL4690	S24	10812	Arranged	'To Be Arranged'
Spr	BIOL4690	S34	20435	Arranged	'To Be Arranged'

BIOL 4900. Core Clerkship in Obstetrics and Gynecology.

Six weeks.

Fall	BIOL4900	S01	10813	Arranged	'To Be Arranged'
Fall	BIOL4900	S02	10814	Arranged	'To Be Arranged'
Spr	BIOL4900	S03	20436	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	10815	Arranged	'To Be Arranged'
Fall	BIOL4910	S24	10816	Arranged	'To Be Arranged'
Spr	BIOL4910	S34	20437	Arranged	'To Be Arranged'

BIOL 4915. Clerkship in OB/Gyn - LIC.

No description available.

Fall	BIOL4915	S01	10817	Arranged	'To Be Arranged'
Fall	BIOL4915	S02	10818	Arranged	'To Be Arranged'
Spr	BIOL4915	S04	20438	Arranged	'To Be Arranged'

BIOL 4920. Subinternship in Urogynecology + Reconstructive Pelvic Surgery.

No description available.

Fall	BIOL4920	S14	10819	Arranged	'To Be Arranged'
Fall	BIOL4920	S24	10820	Arranged	'To Be Arranged'

BIOL 4925. Outpatient General Obstetrics.

No description available.

Fall	BIOL4925	S12	10821	Arranged	'To Be Arranged'
Fall	BIOL4925	S14	10822	Arranged	'To Be Arranged'
Fall	BIOL4925	S24	10823	Arranged	'To Be Arranged'

BIOL 4940. Reproductive Endocrinology and Infertility.

No description available.

Fall	BIOL4940	S12	10824	Arranged	'To Be Arranged'
Fall	BIOL4940	S14	10825	Arranged	'To Be Arranged'
Fall	BIOL4940	S22	10826	Arranged	'To Be Arranged'
Fall	BIOL4940	S23	10827	Arranged	'To Be Arranged'
Fall	BIOL4940	S24	10828	Arranged	'To Be Arranged'
Spr	BIOL4940	S34	20439	Arranged	'To Be Arranged'

BIOL 4950. Subinternship in Gynecologic Oncology and Pelvic Surgery.

No description available.

Fall	BIOL4950	S12	10829	Arranged	'To Be Arranged'
Fall	BIOL4950	S14	10830	Arranged	'To Be Arranged'
Fall	BIOL4950	S22	10831	Arranged	'To Be Arranged'
Fall	BIOL4950	S24	10832	Arranged	'To Be Arranged'
Spr	BIOL4950	S34	20440	Arranged	'To Be Arranged'

BIOL 4955. Subinternship in Women's Ambulatory Ob-Gyn.

No description available.

Fall	BIOL4955	S14	10833	Arranged	'To Be Arranged'
Fall	BIOL4955	S24	10834	Arranged	'To Be Arranged'

BIOL 4960. Women's Reproductive Health Topics.

No description available.

Fall	BIOL4960	S14	10835	Arranged	'To Be Arranged'
Fall	BIOL4960	S24	10836	Arranged	'To Be Arranged'

BIOL 4970. Breast Disease.

No description available.

Fall	BIOL4970	S13	10837	Arranged	'To Be Arranged'
Fall	BIOL4970	S14	10838	Arranged	'To Be Arranged'
Fall	BIOL4970	S22	10839	Arranged	'To Be Arranged'
Fall	BIOL4970	S24	10840	Arranged	'To Be Arranged'

BIOL 4975. Gynecologic and Breast Pathology.

No description available.

Fall	BIOL4975	S12	10841	Arranged	'To Be Arranged'
Fall	BIOL4975	S14	10842	Arranged	'To Be Arranged'
Fall	BIOL4975	S22	10843	Arranged	'To Be Arranged'
Fall	BIOL4975	S24	10844	Arranged	'To Be Arranged'
Spr	BIOL4975	S32	20441	Arranged	'To Be Arranged'

BIOL 4980. Patients with Women's Cancers.

No description available.

Fall	BIOL4980	S14	10845	Arranged	'To Be Arranged'
Fall	BIOL4980	S22	10846	Arranged	'To Be Arranged'
Fall	BIOL4980	S24	10847	Arranged	'To Be Arranged'
Spr	BIOL4980	S34	20442	Arranged	'To Be Arranged'

BIOL 4985. Family Planning & Reproductive Health.

No description available.

Fall	BIOL4985	S12	10848	Arranged	'To Be Arranged'
Fall	BIOL4985	S14	10849	Arranged	'To Be Arranged'
Fall	BIOL4985	S24	10850	Arranged	'To Be Arranged'
Spr	BIOL4985	S34	20443	Arranged	'To Be Arranged'

BIOL 4990. Clinical Cancer Genetics.

No description available.

Fall	BIOL4990	S24	10851	Arranged	'To Be Arranged'
Spr	BIOL4990	S33	20444	Arranged	'To Be Arranged'

BIOL 5100. Core Clerkship in Psychiatry.

Six weeks.

Fall	BIOL5100	S01	10852	Arranged	'To Be Arranged'
Fall	BIOL5100	S02	10853	Arranged	'To Be Arranged'
Spr	BIOL5100	S03	20445	Arranged	'To Be Arranged'

BIOL 5105. Individualized Clerkship in Psychiatry.

No description available.

BIOL 5110. Subinternship in Psychiatry.

No description available.

Fall	BIOL5110	S14	10854	Arranged	'To Be Arranged'
Fall	BIOL5110	S24	10855	Arranged	'To Be Arranged'
Spr	BIOL5110	S34	20446	Arranged	'To Be Arranged'

BIOL 5130. Addiction Psychiatry.

No description available.

Fall	BIOL5130	S12	10856	Arranged	'To Be Arranged'
Fall	BIOL5130	S13	10857	Arranged	'To Be Arranged'
Fall	BIOL5130	S14	10858	Arranged	'To Be Arranged'
Fall	BIOL5130	S22	10859	Arranged	'To Be Arranged'
Fall	BIOL5130	S23	10860	Arranged	'To Be Arranged'
Fall	BIOL5130	S24	10861	Arranged	'To Be Arranged'
Spr	BIOL5130	S34	20447	Arranged	'To Be Arranged'

BIOL 5140. Triple Board Elective in Pediatrics, Psychiatry and Child and Adolescent Psychiatry.

No description available.

Fall	BIOL5140	S12	10862	Arranged	'To Be Arranged'
Fall	BIOL5140	S14	10863	Arranged	'To Be Arranged'
Fall	BIOL5140	S24	10864	Arranged	'To Be Arranged'
Spr	BIOL5140	S34	20448	Arranged	'To Be Arranged'

BIOL 5150. Neuropsychiatry and Behavioral Neurology.

No description available.

Fall	BIOL5150	S14	10865	Arranged	'To Be Arranged'
Fall	BIOL5150	S22	10866	Arranged	'To Be Arranged'
Fall	BIOL5150	S24	10867	Arranged	'To Be Arranged'

BIOL 5160. Women's Mental Health Elective.

No description available.

Fall	BIOL5160	S12	10868	Arranged	'To Be Arranged'
Fall	BIOL5160	S14	10869	Arranged	'To Be Arranged'
Fall	BIOL5160	S22	10870	Arranged	'To Be Arranged'
Fall	BIOL5160	S24	10871	Arranged	'To Be Arranged'
Spr	BIOL5160	S34	20449	Arranged	'To Be Arranged'

BIOL 5170. Correctional Psychiatry.

No description available.

Fall	BIOL5170	S14	10872	Arranged	'To Be Arranged'
Fall	BIOL5170	S24	10873	Arranged	'To Be Arranged'
Spr	BIOL5170	S33	20450	Arranged	'To Be Arranged'

BIOL 5210. Child Psychiatry.

No description available.

Fall	BIOL5210	S12	10874	Arranged	'To Be Arranged'
Fall	BIOL5210	S14	10875	Arranged	'To Be Arranged'
Fall	BIOL5210	S22	10876	Arranged	'To Be Arranged'
Fall	BIOL5210	S24	10877	Arranged	'To Be Arranged'
Spr	BIOL5210	S32	20451	Arranged	'To Be Arranged'
Spr	BIOL5210	S34	20452	Arranged	'To Be Arranged'

BIOL 5220. Subinternship in Child Psychiatry.

No description available.

Fall	BIOL5220	S14	10878	Arranged	'To Be Arranged'
Fall	BIOL5220	S24	10879	Arranged	'To Be Arranged'
Spr	BIOL5220	S34	20453	Arranged	'To Be Arranged'

BIOL 5225. Gender & Sexuality.

No description available.

Fall	BIOL5225	S14	10880	Arranged	'To Be Arranged'
Fall	BIOL5225	S24	10881	Arranged	'To Be Arranged'

BIOL 5230. Emergency Psychiatry.

No description available.

Fall	BIOL5230	S12	10882	Arranged	'To Be Arranged'
Fall	BIOL5230	S14	10883	Arranged	'To Be Arranged'
Fall	BIOL5230	S22	10884	Arranged	'To Be Arranged'
Fall	BIOL5230	S24	10885	Arranged	'To Be Arranged'

BIOL 5240. Healthcare for Homeless Communities.

No description available.

Fall	BIOL5240	S21	10886	Arranged	'To Be Arranged'
Spr	BIOL5240	S41	20454	Arranged	'To Be Arranged'

BIOL 5270. Psychiatry of Late Life.

No description available.

Fall	BIOL5270	S14	10887	Arranged	'To Be Arranged'
Fall	BIOL5270	S22	10888	Arranged	'To Be Arranged'
Fall	BIOL5270	S24	10889	Arranged	'To Be Arranged'
Spr	BIOL5270	S34	20455	Arranged	'To Be Arranged'

BIOL 5275. Addiction Medicine.

No description available.

Fall	BIOL5275	S22	10890	Arranged	'To Be Arranged'
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BIOL 5300. Clerkship in Psychiatry-Clinical Neuroscience.

Six weeks.

Fall	BIOL5300	S01	10891	Arranged	'To Be Arranged'
Fall	BIOL5300	S02	10892	Arranged	'To Be Arranged'

BIOL 5315. Clerkship in Psychiatry.

No description available.

Fall	BIOL5315	S01	10893	Arranged	'To Be Arranged'
Fall	BIOL5315	S02	10894	Arranged	'To Be Arranged'
Spr	BIOL5315	S03	20456	Arranged	'To Be Arranged'

BIOL 5320. Clerkship in Psychiatry - LIC.

No description available.

Fall	BIOL5320	S01	10895	Arranged	'To Be Arranged'
Spr	BIOL5320	S04	20457	Arranged	'To Be Arranged'

BIOL 5325. Clerkship in Neurology.

No description available.

Fall	BIOL5325	S01	10896	Arranged	'To Be Arranged'
Fall	BIOL5325	S02	10897	Arranged	'To Be Arranged'
Spr	BIOL5325	S03	20458	Arranged	'To Be Arranged'

BIOL 5330. Clerkship in Neurology - LIC.

No description available.

Fall	BIOL5330	S01	10898	Arranged	'To Be Arranged'
Spr	BIOL5330	S04	20459	Arranged	'To Be Arranged'

BIOL 5400. Core Clerkship in Community Health.

Six weeks.

Fall	BIOL5400	S01	10899	Arranged	'To Be Arranged'
Fall	BIOL5400	S02	10900	Arranged	'To Be Arranged'

BIOL 5460. Physical Medicine and Rehabilitation.

No description available.

Fall	BIOL5460	S23	10901	Arranged	'To Be Arranged'
Fall	BIOL5460	S24	10902	Arranged	'To Be Arranged'

BIOL 5480. Rural Community Medicine.

No description available.

Fall	BIOL5480	S12	10903	Arranged	'To Be Arranged'
Fall	BIOL5480	S14	10904	Arranged	'To Be Arranged'
Fall	BIOL5480	S22	10905	Arranged	'To Be Arranged'
Fall	BIOL5480	S24	10906	Arranged	'To Be Arranged'
Spr	BIOL5480	S34	20460	Arranged	'To Be Arranged'

BIOL 5490. Geriatrics and Rehabilitation.

No description available.

Fall	BIOL5490	S12	10907	Arranged	'To Be Arranged'
Fall	BIOL5490	S14	10908	Arranged	'To Be Arranged'
Fall	BIOL5490	S24	10909	Arranged	'To Be Arranged'
Spr	BIOL5490	S34	20461	Arranged	'To Be Arranged'

BIOL 5510. Introduction to the Basic Science Curriculum in the Medical School.

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

BIOL 5525. Medical French Elective.

No description available.

BIOL 5530. College Student Health.

No description available.

BIOL 5540. Controversies in Health Care Policy.

No description available.

BIOL 5560. Law and Medicine.

No description available.

BIOL 5570. Elective in San Lucas Toliman, Guatemala.

No description available.

BIOL 5580. Frontier Nursing Service, Mary Breckinridge Hospital.

No description available.

BIOL 5590. Mississippi Family Health Center.

No description available.

BIOL 5600. Rural Family Practice.

No description available.

Fall	BIOL5600	S12	10910	Arranged	'To Be Arranged'
Fall	BIOL5600	S23	10911	Arranged	'To Be Arranged'

BIOL 5620. Emergency Medicine.

No description available.

Fall	BIOL5620	S14	10912	Arranged	'To Be Arranged'
Fall	BIOL5620	S24	10913	Arranged	'To Be Arranged'
Spr	BIOL5620	S32	20462	Arranged	'To Be Arranged'
Spr	BIOL5620	S34	20463	Arranged	'To Be Arranged'

BIOL 5630. Emergency Medicine.

No description available.

Fall	BIOL5630	S12	10914	Arranged	'To Be Arranged'
Fall	BIOL5630	S14	10915	Arranged	'To Be Arranged'
Fall	BIOL5630	S22	10916	Arranged	'To Be Arranged'
Fall	BIOL5630	S24	10917	Arranged	'To Be Arranged'
Spr	BIOL5630	S32	20464	Arranged	'To Be Arranged'
Spr	BIOL5630	S34	20465	Arranged	'To Be Arranged'

BIOL 5640. Point of Care Ultrasound.

No description available.

Fall	BIOL5640	S14	10918	Arranged	'To Be Arranged'
Fall	BIOL5640	S22	10919	Arranged	'To Be Arranged'
Fall	BIOL5640	S24	10920	Arranged	'To Be Arranged'
Spr	BIOL5640	S34	20466	Arranged	'To Be Arranged'

BIOL 5650. Pediatric Emergency Medicine.

No description available.

Fall	BIOL5650	S14	10921	Arranged	'To Be Arranged'
Fall	BIOL5650	S22	10922	Arranged	'To Be Arranged'
Fall	BIOL5650	S23	10923	Arranged	'To Be Arranged'
Fall	BIOL5650	S24	10924	Arranged	'To Be Arranged'
Spr	BIOL5650	S34	20467	Arranged	'To Be Arranged'

BIOL 5655. Sex and Gender Based Acute Care Medicine.

No description available.

Fall	BIOL5655	S12	10925	Arranged	'To Be Arranged'
Fall	BIOL5655	S22	10926	Arranged	'To Be Arranged'
Fall	BIOL5655	S24	10927	Arranged	'To Be Arranged'
Spr	BIOL5655	S32	20468	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	10928	Arranged	'To Be Arranged'
Fall	BIOL5665	S24	10929	Arranged	'To Be Arranged'

BIOL 5670. EMS Systems of Care.

No description available.

Fall	BIOL5670	S24	10930	Arranged	'To Be Arranged'
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BIOL 5690. Spirituality and Medicine.

No description available.

BIOL 5700. Bridging the Bench and Bedside.

No description available.

BIOL 5730. Introduction to Medical Portuguese.

No description available.

BIOL 5795. Clerkship in Family Medicine - LIC.

No description available.

Fall	BIOL5795	S01	10931	Arranged	'To Be Arranged'
Spr	BIOL5795	S04	20469	Arranged	'To Be Arranged'

BIOL 5800. Core Clerkship in Family Medicine.

Six weeks.

Fall	BIOL5800	S01	10932	Arranged	'To Be Arranged'
Fall	BIOL5800	S02	10933	Arranged	'To Be Arranged'
Spr	BIOL5800	S03	20470	Arranged	'To Be Arranged'

BIOL 5801. Family Medicine Clerkship for MD/PhD students.

No description available.

Fall	BIOL5801	S11	10934	Arranged	'To Be Arranged'
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BIOL 5805. Individualized Clerkship in Family Medicine.

No description available.

BIOL 5810. Maternal and Child Health.

No description available.

Fall	BIOL5810	S12	10935	Arranged	'To Be Arranged'
Fall	BIOL5810	S13	10936	Arranged	'To Be Arranged'
Fall	BIOL5810	S14	10937	Arranged	'To Be Arranged'
Fall	BIOL5810	S22	10938	Arranged	'To Be Arranged'
Fall	BIOL5810	S23	10939	Arranged	'To Be Arranged'
Fall	BIOL5810	S24	10940	Arranged	'To Be Arranged'
Spr	BIOL5810	S32	20471	Arranged	'To Be Arranged'
Spr	BIOL5810	S34	20472	Arranged	'To Be Arranged'

BIOL 5815. Subinternship in Maternal and Child Health.

No description available.

Fall	BIOL5815	S14	10941	Arranged	'To Be Arranged'
Fall	BIOL5815	S24	10942	Arranged	'To Be Arranged'

BIOL 5820. Elective in Family Medicine.

No description available.

Fall	BIOL5820	S12	10943	Arranged	'To Be Arranged'
Fall	BIOL5820	S14	10944	Arranged	'To Be Arranged'
Fall	BIOL5820	S22	10945	Arranged	'To Be Arranged'
Fall	BIOL5820	S24	10946	Arranged	'To Be Arranged'
Spr	BIOL5820	S32	20473	Arranged	'To Be Arranged'
Spr	BIOL5820	S34	20474	Arranged	'To Be Arranged'

BIOL 5830. Free Clinic Preceptorship.

No description available.

Fall	BIOL5830	S11	10947	Arranged	'To Be Arranged'
Spr	BIOL5830	S41	20475	Arranged	'To Be Arranged'

BIOL 5840. SMART Clinic.

No description available.

BIOL 5850. Primary Care Sports Medicine.

No description available.

Fall	BIOL5850	S12	10948	Arranged	'To Be Arranged'
Fall	BIOL5850	S14	10949	Arranged	'To Be Arranged'
Fall	BIOL5850	S22	10950	Arranged	'To Be Arranged'
Fall	BIOL5850	S24	10951	Arranged	'To Be Arranged'
Spr	BIOL5850	S34	20476	Arranged	'To Be Arranged'

BIOL 5870. Subinternship in Family Medicine.

No description available.

Fall	BIOL5870	S14	10952	Arranged	'To Be Arranged'
Fall	BIOL5870	S24	10953	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	10954	Arranged	'To Be Arranged'
Fall	BIOL5885	S11	10955	Arranged	'To Be Arranged'

BIOL 5895. Medical Spanish.

No description available.

Fall	BIOL5895	S11	10956	Arranged	'To Be Arranged'
Fall	BIOL5895	S12	10957	Arranged	'To Be Arranged'
Fall	BIOL5895	S13	10958	Arranged	'To Be Arranged'
Fall	BIOL5895	S14	10959	Arranged	'To Be Arranged'
Fall	BIOL5895	S18	10960	Arranged	'To Be Arranged'
Fall	BIOL5895	S21	10961	Arranged	'To Be Arranged'
Fall	BIOL5895	S22	10962	Arranged	'To Be Arranged'
Fall	BIOL5895	S23	10963	Arranged	'To Be Arranged'
Fall	BIOL5895	S24	10964	Arranged	'To Be Arranged'
Fall	BIOL5895	S25	10965	Arranged	'To Be Arranged'
Fall	BIOL5895	S26	10966	Arranged	'To Be Arranged'
Fall	BIOL5895	S28	10967	Arranged	'To Be Arranged'
Spr	BIOL5895	S31	20477	Arranged	'To Be Arranged'
Spr	BIOL5895	S32	20478	Arranged	'To Be Arranged'
Spr	BIOL5895	S33	20479	Arranged	'To Be Arranged'
Spr	BIOL5895	S34	20480	Arranged	'To Be Arranged'
Spr	BIOL5895	S35	20481	Arranged	'To Be Arranged'
Spr	BIOL5895	S36	20482	Arranged	'To Be Arranged'
Spr	BIOL5895	S37	20483	Arranged	'To Be Arranged'
Spr	BIOL5895	S38	20484	Arranged	'To Be Arranged'
Spr	BIOL5895	S41	20485	Arranged	'To Be Arranged'
Spr	BIOL5895	S44	20486	Arranged	'To Be Arranged'
Spr	BIOL5895	S48	20487	Arranged	'To Be Arranged'

BIOL 5896. Fundamentals of Health Policy and Management.

No description available.

Fall	BIOL5896	S22	10968	Arranged	'To Be Arranged'
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BIOL 5897. Self Study in EKG Interpretation.

No description available.

Fall	BIOL5897	S11	10969	Arranged	'To Be Arranged'
Fall	BIOL5897	S12	10970	Arranged	'To Be Arranged'
Fall	BIOL5897	S13	10971	Arranged	'To Be Arranged'
Fall	BIOL5897	S14	10972	Arranged	'To Be Arranged'
Fall	BIOL5897	S21	10973	Arranged	'To Be Arranged'
Fall	BIOL5897	S22	10974	Arranged	'To Be Arranged'
Fall	BIOL5897	S24	10975	Arranged	'To Be Arranged'
Spr	BIOL5897	S31	20488	Arranged	'To Be Arranged'
Spr	BIOL5897	S32	20489	Arranged	'To Be Arranged'
Spr	BIOL5897	S33	20490	Arranged	'To Be Arranged'
Spr	BIOL5897	S34	20491	Arranged	'To Be Arranged'
Spr	BIOL5897	S42	20492	Arranged	'To Be Arranged'
Spr	BIOL5897	S43	20493	Arranged	'To Be Arranged'
Spr	BIOL5897	S44	20494	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	10976	Arranged	'To Be Arranged'
Fall	BIOL5899	S22	10977	Arranged	'To Be Arranged'
Spr	BIOL5899	S32	20495	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	10978	Arranged	'To Be Arranged'
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BIOL 5990. Internship Preparation Elective.

No description available.

BIOL 6010. Human Anatomy.

No description available.

Fall	BIOL6010	S11	10979	Arranged	'To Be Arranged'
Fall	BIOL6010	S12	10980	Arranged	'To Be Arranged'
Fall	BIOL6010	S14	10981	Arranged	'To Be Arranged'
Spr	BIOL6010	S34	20496	Arranged	'To Be Arranged'

BIOL 6110. Applied Pathology.

No description available.

Fall	BIOL6110	S12	10982	Arranged	'To Be Arranged'
Fall	BIOL6110	S13	10983	Arranged	'To Be Arranged'
Fall	BIOL6110	S14	10984	Arranged	'To Be Arranged'
Fall	BIOL6110	S22	10985	Arranged	'To Be Arranged'
Fall	BIOL6110	S24	10986	Arranged	'To Be Arranged'
Spr	BIOL6110	S32	20497	Arranged	'To Be Arranged'
Spr	BIOL6110	S34	20498	Arranged	'To Be Arranged'

BIOL 6120. Research in Perinatal/Pediatric Pathology.

No description available.

Fall	BIOL6120	S12	10987	Arranged	'To Be Arranged'
Fall	BIOL6120	S13	10988	Arranged	'To Be Arranged'
Fall	BIOL6120	S22	10989	Arranged	'To Be Arranged'
Fall	BIOL6120	S24	10990	Arranged	'To Be Arranged'
Spr	BIOL6120	S34	20499	Arranged	'To Be Arranged'

BIOL 6140. Seminar in Clinical Pathological, Developmental and Pediatric Pathology.

No description available.

Fall	BIOL6140	S11	10991	Arranged	'To Be Arranged'
Fall	BIOL6140	S12	10992	Arranged	'To Be Arranged'
Fall	BIOL6140	S14	10993	Arranged	'To Be Arranged'
Fall	BIOL6140	S22	10994	Arranged	'To Be Arranged'
Fall	BIOL6140	S24	10995	Arranged	'To Be Arranged'
Spr	BIOL6140	S32	20500	Arranged	'To Be Arranged'
Spr	BIOL6140	S34	20501	Arranged	'To Be Arranged'

BIOL 6150. Neuropathology.

No description available.

Fall	BIOL6150	S11	10996	Arranged	'To Be Arranged'
Fall	BIOL6150	S12	10997	Arranged	'To Be Arranged'
Fall	BIOL6150	S14	10998	Arranged	'To Be Arranged'
Fall	BIOL6150	S22	10999	Arranged	'To Be Arranged'
Fall	BIOL6150	S24	11000	Arranged	'To Be Arranged'
Spr	BIOL6150	S32	20502	Arranged	'To Be Arranged'
Spr	BIOL6150	S34	20503	Arranged	'To Be Arranged'

BIOL 6155. Subinternship in Pathology.

No description available.

Fall	BIOL6155	S14	11001	Arranged	'To Be Arranged'
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BIOL 6160. Pathology & Lab Medicine.

No description available.

Fall	BIOL6160	S24	11002	Arranged	'To Be Arranged'
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BIOL 6260. Radiation Oncology in a Private Practice Setting.

No description available.

Fall	BIOL6260	S22	11003	Arranged	'To Be Arranged'
Spr	BIOL6260	S32	20504	Arranged	'To Be Arranged'

BIOL 6280. Diagnostic Radiology and Nuclear Medicine.

No description available.

Fall	BIOL6280	S12	11004	Arranged	'To Be Arranged'
Fall	BIOL6280	S22	11005	Arranged	'To Be Arranged'
Spr	BIOL6280	S32	20505	Arranged	'To Be Arranged'
Spr	BIOL6280	S34	20506	Arranged	'To Be Arranged'

BIOL 6290. Diagnostic Radiology.

No description available.

Fall	BIOL6290	S12	11006	Arranged	'To Be Arranged'
Fall	BIOL6290	S13	11007	Arranged	'To Be Arranged'
Fall	BIOL6290	S14	11008	Arranged	'To Be Arranged'
Fall	BIOL6290	S22	11009	Arranged	'To Be Arranged'
Fall	BIOL6290	S23	11010	Arranged	'To Be Arranged'
Fall	BIOL6290	S24	11011	Arranged	'To Be Arranged'
Spr	BIOL6290	S32	20507	Arranged	'To Be Arranged'
Spr	BIOL6290	S34	20508	Arranged	'To Be Arranged'

BIOL 6300. Nuclear Medicine Preceptorship.

No description available.

Fall	BIOL6300	S12	11012	Arranged	'To Be Arranged'
Fall	BIOL6300	S21	11013	Arranged	'To Be Arranged'
Fall	BIOL6300	S22	11014	Arranged	'To Be Arranged'
Fall	BIOL6300	S24	11015	Arranged	'To Be Arranged'
Spr	BIOL6300	S32	20509	Arranged	'To Be Arranged'

BIOL 6310. Subinternship in Interventional Radiology.

No description available.

Fall	BIOL6310	S14	11016	Arranged	'To Be Arranged'
Fall	BIOL6310	S24	11017	Arranged	'To Be Arranged'

BIOL 6320. Vascular and Interventional Radiology.

No description available.

Fall	BIOL6320	S12	11018	Arranged	'To Be Arranged'
Fall	BIOL6320	S13	11019	Arranged	'To Be Arranged'
Fall	BIOL6320	S14	11020	Arranged	'To Be Arranged'
Fall	BIOL6320	S22	11021	Arranged	'To Be Arranged'
Fall	BIOL6320	S24	11022	Arranged	'To Be Arranged'
Spr	BIOL6320	S32	20510	Arranged	'To Be Arranged'

BIOL 6330. Body Imaging and Intervention.

No description available.

Fall	BIOL6330	S12	11023	Arranged	'To Be Arranged'
Fall	BIOL6330	S14	11024	Arranged	'To Be Arranged'
Fall	BIOL6330	S22	11025	Arranged	'To Be Arranged'
Fall	BIOL6330	S24	11026	Arranged	'To Be Arranged'
Spr	BIOL6330	S32	20511	Arranged	'To Be Arranged'
Spr	BIOL6330	S34	20512	Arranged	'To Be Arranged'

BIOL 6335. Cardiothoracic Imaging and Intervention.

No description available.

Fall	BIOL6335	S12	11027	Arranged	'To Be Arranged'
Fall	BIOL6335	S14	11028	Arranged	'To Be Arranged'
Fall	BIOL6335	S22	11029	Arranged	'To Be Arranged'
Fall	BIOL6335	S24	11030	Arranged	'To Be Arranged'
Spr	BIOL6335	S34	20513	Arranged	'To Be Arranged'

BIOL 6340. Community Radiology - Newport.

No description available.

Fall	BIOL6340	S12	11031	Arranged	'To Be Arranged'
Fall	BIOL6340	S22	11032	Arranged	'To Be Arranged'
Spr	BIOL6340	S32	20514	Arranged	'To Be Arranged'

BIOL 6345. General Radiology Clinical Elective.

No description available.

Fall	BIOL6345	S14	11033	Arranged	'To Be Arranged'
Fall	BIOL6345	S22	11034	Arranged	'To Be Arranged'
Fall	BIOL6345	S24	11035	Arranged	'To Be Arranged'

BIOL 6350. Interventional Oncology.

No description available.

Fall	BIOL6350	S12	11036	Arranged	'To Be Arranged'
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BIOL 6360. Neuroradiology.

No description available.

Fall	BIOL6360	S12	11037	Arranged	'To Be Arranged'
Fall	BIOL6360	S14	11038	Arranged	'To Be Arranged'
Fall	BIOL6360	S22	11039	Arranged	'To Be Arranged'
Fall	BIOL6360	S23	11040	Arranged	'To Be Arranged'
Fall	BIOL6360	S24	11041	Arranged	'To Be Arranged'
Spr	BIOL6360	S32	20515	Arranged	'To Be Arranged'
Spr	BIOL6360	S34	20516	Arranged	'To Be Arranged'

BIOL 6380. Pediatric Radiology.

No description available.

Fall	BIOL6380	S12	11042	Arranged	'To Be Arranged'
Fall	BIOL6380	S13	11043	Arranged	'To Be Arranged'
Fall	BIOL6380	S14	11044	Arranged	'To Be Arranged'
Fall	BIOL6380	S22	11045	Arranged	'To Be Arranged'
Fall	BIOL6380	S24	11046	Arranged	'To Be Arranged'
Spr	BIOL6380	S32	20517	Arranged	'To Be Arranged'

BIOL 6390. Intro to Women's Diagnostic Imaging.

No description available.

Fall	BIOL6390	S12	11047	Arranged	'To Be Arranged'
Fall	BIOL6390	S22	11048	Arranged	'To Be Arranged'
Spr	BIOL6390	S32	20518	Arranged	'To Be Arranged'

BIOL 6400. Radiation Oncology.

No description available.

Fall	BIOL6400	S12	11049	Arranged	'To Be Arranged'
Fall	BIOL6400	S14	11050	Arranged	'To Be Arranged'
Fall	BIOL6400	S22	11051	Arranged	'To Be Arranged'
Fall	BIOL6400	S24	11052	Arranged	'To Be Arranged'
Spr	BIOL6400	S32	20519	Arranged	'To Be Arranged'
Spr	BIOL6400	S34	20520	Arranged	'To Be Arranged'

BIOL 6410. Radiation Oncology Exploratory Elective.

No description available.

Fall	BIOL6410	S12	11053	Arranged	'To Be Arranged'
Fall	BIOL6410	S22	11054	Arranged	'To Be Arranged'
Spr	BIOL6410	S32	20521	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 are 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. Prerequisite: 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	11055	Arranged	'To Be Arranged'
Fall	BIOL7000	S12	11056	Arranged	'To Be Arranged'
Fall	BIOL7000	S13	11057	Arranged	'To Be Arranged'
Fall	BIOL7000	S14	11058	Arranged	'To Be Arranged'
Fall	BIOL7000	S15	11059	Arranged	'To Be Arranged'
Fall	BIOL7000	S21	11060	Arranged	'To Be Arranged'
Fall	BIOL7000	S22	11061	Arranged	'To Be Arranged'
Fall	BIOL7000	S23	11062	Arranged	'To Be Arranged'
Fall	BIOL7000	S24	11063	Arranged	'To Be Arranged'
Fall	BIOL7000	S25	11064	Arranged	'To Be Arranged'
Fall	BIOL7000	S28	11065	Arranged	'To Be Arranged'
Spr	BIOL7000	S32	20522	Arranged	'To Be Arranged'
Spr	BIOL7000	S33	20523	Arranged	'To Be Arranged'
Spr	BIOL7000	S34	20524	Arranged	'To Be Arranged'
Spr	BIOL7000	S38	20525	Arranged	'To Be Arranged'
Spr	BIOL7000	S42	20526	Arranged	'To Be Arranged'

BIOL 7010. Away Elective 2.

No description available.

Fall	BIOL7010	S11	11066	Arranged	'To Be Arranged'
Fall	BIOL7010	S12	11067	Arranged	'To Be Arranged'
Fall	BIOL7010	S13	11068	Arranged	'To Be Arranged'
Fall	BIOL7010	S14	11069	Arranged	'To Be Arranged'
Fall	BIOL7010	S21	11070	Arranged	'To Be Arranged'
Fall	BIOL7010	S22	11071	Arranged	'To Be Arranged'
Fall	BIOL7010	S23	11072	Arranged	'To Be Arranged'
Fall	BIOL7010	S24	11073	Arranged	'To Be Arranged'
Fall	BIOL7010	S25	11074	Arranged	'To Be Arranged'
Fall	BIOL7010	S26	11075	Arranged	'To Be Arranged'
Spr	BIOL7010	S31	20527	Arranged	'To Be Arranged'
Spr	BIOL7010	S32	20528	Arranged	'To Be Arranged'
Spr	BIOL7010	S34	20529	Arranged	'To Be Arranged'

BIOL 7020. Away Elective 3.

No description available.

Fall	BIOL7020	S12	11076	Arranged	'To Be Arranged'
Fall	BIOL7020	S14	11077	Arranged	'To Be Arranged'
Fall	BIOL7020	S22	11078	Arranged	'To Be Arranged'
Fall	BIOL7020	S23	11079	Arranged	'To Be Arranged'
Fall	BIOL7020	S24	11080	Arranged	'To Be Arranged'
Spr	BIOL7020	S31	20530	Arranged	'To Be Arranged'
Spr	BIOL7020	S34	20531	Arranged	'To Be Arranged'

BIOL 7030. Away Elective 4.

No description available.

Fall	BIOL7030	S12	11081	Arranged	'To Be Arranged'
Fall	BIOL7030	S23	11082	Arranged	'To Be Arranged'
Fall	BIOL7030	S24	11083	Arranged	'To Be Arranged'

BIOL 7040. Away Elective 5.

No description available.

BIOL 7050. Away Elective.

No description available.

BIOL 7100. Independent Study 1.

No description available.

Fall	BIOL7100	S11	11084	Arranged	'To Be Arranged'
Fall	BIOL7100	S12	11085	Arranged	'To Be Arranged'
Fall	BIOL7100	S13	11086	Arranged	'To Be Arranged'
Fall	BIOL7100	S14	11087	Arranged	'To Be Arranged'
Fall	BIOL7100	S15	11088	Arranged	'To Be Arranged'
Fall	BIOL7100	S16	11089	Arranged	'To Be Arranged'
Fall	BIOL7100	S17	11090	Arranged	'To Be Arranged'
Fall	BIOL7100	S18	11091	Arranged	'To Be Arranged'
Fall	BIOL7100	S20	11092	Arranged	'To Be Arranged'
Fall	BIOL7100	S21	11093	Arranged	'To Be Arranged'
Fall	BIOL7100	S22	11094	Arranged	'To Be Arranged'
Fall	BIOL7100	S23	11095	Arranged	'To Be Arranged'
Fall	BIOL7100	S24	11096	Arranged	'To Be Arranged'
Fall	BIOL7100	S25	11097	Arranged	'To Be Arranged'
Fall	BIOL7100	S26	11098	Arranged	'To Be Arranged'
Fall	BIOL7100	S27	11099	Arranged	'To Be Arranged'
Fall	BIOL7100	S28	11100	Arranged	'To Be Arranged'
Fall	BIOL7100	S2A	11101	Arranged	'To Be Arranged'
Fall	BIOL7100	S2B	11102	Arranged	'To Be Arranged'
Fall	BIOL7100	S2C	11103	Arranged	'To Be Arranged'
Fall	BIOL7100	S2D	11104	Arranged	'To Be Arranged'
Fall	BIOL7100	S2E	11105	Arranged	'To Be Arranged'
Fall	BIOL7100	S4A	11106	Arranged	'To Be Arranged'
Fall	BIOL7100	SS2	11107	Arranged	'To Be Arranged'
Fall	BIOL7100	SS3	11108	Arranged	'To Be Arranged'
Fall	BIOL7100	SS4	11109	Arranged	'To Be Arranged'
Fall	BIOL7100	SS5	11110	Arranged	'To Be Arranged'
Fall	BIOL7100	SS6	11111	Arranged	'To Be Arranged'
Fall	BIOL7100	SS8	11112	Arranged	'To Be Arranged'
Spr	BIOL7100	S31	20532	Arranged	'To Be Arranged'
Spr	BIOL7100	S32	20533	Arranged	'To Be Arranged'
Spr	BIOL7100	S33	20534	Arranged	'To Be Arranged'
Spr	BIOL7100	S34	20535	Arranged	'To Be Arranged'
Spr	BIOL7100	S35	20536	Arranged	'To Be Arranged'
Spr	BIOL7100	S36	20537	Arranged	'To Be Arranged'
Spr	BIOL7100	S38	20538	Arranged	'To Be Arranged'
Spr	BIOL7100	S3A	20539	Arranged	'To Be Arranged'
Spr	BIOL7100	S41	20540	Arranged	'To Be Arranged'
Spr	BIOL7100	S44	20541	Arranged	'To Be Arranged'

BIOL 7110. Independent Study 2.

No description available.

Fall	BIOL7110	S11	11113	Arranged	'To Be Arranged'
Fall	BIOL7110	S12	11114	Arranged	'To Be Arranged'
Fall	BIOL7110	S13	11115	Arranged	'To Be Arranged'
Fall	BIOL7110	S14	11116	Arranged	'To Be Arranged'
Fall	BIOL7110	S16	11117	Arranged	'To Be Arranged'
Fall	BIOL7110	S19	11118	Arranged	'To Be Arranged'
Fall	BIOL7110	S21	11119	Arranged	'To Be Arranged'
Fall	BIOL7110	S22	11120	Arranged	'To Be Arranged'
Fall	BIOL7110	S23	11121	Arranged	'To Be Arranged'
Fall	BIOL7110	S24	11122	Arranged	'To Be Arranged'
Fall	BIOL7110	S25	11123	Arranged	'To Be Arranged'
Fall	BIOL7110	S2B	11124	Arranged	'To Be Arranged'
Fall	BIOL7110	SA2	11125	Arranged	'To Be Arranged'
Fall	BIOL7110	SS3	11126	Arranged	'To Be Arranged'
Fall	BIOL7110	SS4	11127	Arranged	'To Be Arranged'
Spr	BIOL7110	S32	20542	Arranged	'To Be Arranged'
Spr	BIOL7110	S33	20543	Arranged	'To Be Arranged'
Spr	BIOL7110	S34	20544	Arranged	'To Be Arranged'

BIOL 7120. Independent Study 3.

No description available.

Fall	BIOL7120	S12	11128	Arranged	'To Be Arranged'
Fall	BIOL7120	S13	11129	Arranged	'To Be Arranged'
Fall	BIOL7120	S22	11130	Arranged	'To Be Arranged'
Fall	BIOL7120	S23	11131	Arranged	'To Be Arranged'
Fall	BIOL7120	S24	11132	Arranged	'To Be Arranged'
Spr	BIOL7120	S34	20545	Arranged	'To Be Arranged'

BIOL 7130. Independent Study.

No description available.

Fall	BIOL7130	S14	11133	Arranged	'To Be Arranged'
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BIOL 7140. Approved Subinternship Independent Study.

No description available.

Fall	BIOL7140	S16	11134	Arranged	'To Be Arranged'
Fall	BIOL7140	S24	11135	Arranged	'To Be Arranged'
Spr	BIOL7140	S34	20546	Arranged	'To Be Arranged'

BIOL 7150. Independent Study.

No description available.

Fall	BIOL7150	S17	11136	Arranged	'To Be Arranged'
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BIOL 7160. Scholarly Concentration Independent Study.

No description available.

Fall	BIOL7160	S11	11137	Arranged	'To Be Arranged'
Fall	BIOL7160	S12	11138	Arranged	'To Be Arranged'
Fall	BIOL7160	S13	11139	Arranged	'To Be Arranged'
Fall	BIOL7160	S14	11140	Arranged	'To Be Arranged'
Fall	BIOL7160	S15	11141	Arranged	'To Be Arranged'
Fall	BIOL7160	S16	11142	Arranged	'To Be Arranged'
Fall	BIOL7160	S1A	11143	Arranged	'To Be Arranged'
Fall	BIOL7160	S21	11144	Arranged	'To Be Arranged'
Fall	BIOL7160	S22	11145	Arranged	'To Be Arranged'
Fall	BIOL7160	S24	11146	Arranged	'To Be Arranged'
Fall	BIOL7160	S26	11147	Arranged	'To Be Arranged'
Fall	BIOL7160	S27	11148	Arranged	'To Be Arranged'
Fall	BIOL7160	S28	11149	Arranged	'To Be Arranged'
Spr	BIOL7160	S32	20547	Arranged	'To Be Arranged'
Spr	BIOL7160	S34	20548	Arranged	'To Be Arranged'
Spr	BIOL7160	S35	20549	Arranged	'To Be Arranged'
Spr	BIOL7160	S36	20550	Arranged	'To Be Arranged'

BIOL 7165. Scholarly Concentration Independent Study.

No description available.

Fall	BIOL7165	S24	11150	Arranged	'To Be Arranged'
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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	11151	Arranged	'To Be Arranged'
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BIOL 7190. International Independent Study.

No description available.

Fall	BIOL7190	S12	11152	Arranged	'To Be Arranged'
Fall	BIOL7190	S21	11153	Arranged	'To Be Arranged'
Fall	BIOL7190	S22	11154	Arranged	'To Be Arranged'
Fall	BIOL7190	S24	11155	Arranged	'To Be Arranged'

BIOL 7195. Independent Study in Infectious Disease - Ghana Exchange.

No description available.

Fall	BIOL7195	S23	11156	Arranged	'To Be Arranged'
Fall	BIOL7195	S24	11157	Arranged	'To Be Arranged'

BIOL 7196. Independent Study - Haiti Exchange.

No description available.

Fall	BIOL7196	S24	11158	Arranged	'To Be Arranged'
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BIOL 7200. International Elective: University of Bologna (Italy).

No description available.

Fall	BIOL7200	S14	11159	Arranged	'To Be Arranged'
Fall	BIOL7200	S22	11160	Arranged	'To Be Arranged'

BIOL 7205. International Elective: Kwame Nkrumah University (Ghana).

No description available.

Fall	BIOL7205	S22	11161	Arranged	'To Be Arranged'
Fall	BIOL7205	S24	11162	Arranged	'To Be Arranged'

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

No description available.

BIOL 7215. International Elective: National Cheng Kung University (Taiwan).

No description available.

Fall	BIOL7215	S12	11163	Arranged	'To Be Arranged'
Fall	BIOL7215	S24	11164	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	11165	Arranged	'To Be Arranged'
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BIOL 7230. International Elective: Technion-Israel Institute of Technology.

No description available.

Fall	BIOL7230	S23	11166	Arranged	'To Be Arranged'
Fall	BIOL7230	S24	11167	Arranged	'To Be Arranged'

BIOL 7235. International Elective: Tokyo Women's Medical College.

No description available.

Fall	BIOL7235	S14	11168	Arranged	'To Be Arranged'
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BIOL 7240. International Elective: University of Tuebingen (Germany).

No description available.

Fall	BIOL7240	S24	11169	Arranged	'To Be Arranged'
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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	11170	Arranged	'To Be Arranged'
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BIOL 7248. International Elective University of Sao Paulo (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	11171	Arranged	'To Be Arranged'
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BIOL 7255. International Elective EWHA Womans University (Korea).

No description available.

BIOL 7260. International Elective Kurume University School of Medicine.

No description available.

BIOL 7301. Seminar on Race + Health Disparities.

No description available.

Fall	BIOL7301	S26	11172	Arranged	'To Be Arranged'
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BIOL 7600. Away Subinternship 1.

No description available.

Fall	BIOL7600	S14	11173	Arranged	'To Be Arranged'
Fall	BIOL7600	S23	11174	Arranged	'To Be Arranged'
Fall	BIOL7600	S24	11175	Arranged	'To Be Arranged'
Spr	BIOL7600	S34	20551	Arranged	'To Be Arranged'
Spr	BIOL7600	S44	20552	Arranged	'To Be Arranged'

BIOL 7605. Away Subinternship 2.

No description available.

Fall	BIOL7605	S14	11176	Arranged	'To Be Arranged'
Fall	BIOL7605	S23	11177	Arranged	'To Be Arranged'
Fall	BIOL7605	S24	11178	Arranged	'To Be Arranged'
Fall	BIOL7605	S25	11179	Arranged	'To Be Arranged'

BIOL 7610. Away Subinternship 3.

No description available.

Fall	BIOL7610	S14	11180	Arranged	'To Be Arranged'
Fall	BIOL7610	S24	11181	Arranged	'To Be Arranged'

BIOL 7615. Away Subinternship 4.

No description available.

Fall	BIOL7615	S24	11182	Arranged	'To Be Arranged'
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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 will 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 course emphasizes practical application of teamwork and leadership skills across multiple settings. Leadership in Health Care is a master's level course for second year medical students enrolled in the Primary Care-Population Medicine (PC-PM) program. Through interactive classroom sessions, field work in health care advocacy, and a team-based "leadership action project", students will develop foundational leadership skills. The first formal leadership course at Alpert Medical School, Leadership in Health Care will contribute to the PC-PM program's ultimate goal of preparing physician leaders who will improve the quality of health care and wellness of the population.

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.

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 health care delivery and policies. Students will focus on medicine beyond science through the critical study of how socioeconomic and cultural factors impact this field. Students will compare the Italian and American systems, focusing on historical structures and current issues in health care regulation. Enrollment limited to 10.

PLME 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.

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.