



JOHNS HOPKINS
UNIVERSITY

2007-2008

Krieger School of Arts and Sciences
Office of Academic Advising

Whiting School of Engineering
Office of Academic Affairs/Engineering Advising

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WELCOME TO THE 2007-2008 HOPKINS FRESHMAN PLANNER!

Congratulations – you made it through the application, you got accepted, and now you’re here – a freshman at Hopkins. Sure, you’re excited about becoming a college student, but you’re also probably full of questions like, “What classes should I take?”, “How do I register?”, “When will I meet with an advisor?” This planner has been prepared by the Office of Academic Advising and the Office of Engineering Advising to answer these questions and help you plan for your freshman year.

Inside, you’ll find all the rules, requirements, and resources you’ll need to get your Hopkins career off to a great start. Part of being a successful college student is planning, and we hope this book will help you with that. It is important to be alert and open to information about requirements, courses, majors, minors, off-campus study, independent research, academic support services, post-graduate opportunities, and a host of other options available to undergraduates. Read carefully and we’ll see you in September!

Sincerely,
The Editors

Karen Desser
Senior Academic Advisor for Arts and Sciences

Steph Schreckinger
Assistant Director of Engineering Advising



INTRODUCTION TO ADVISING

This planner has been prepared to help freshmen examine the rich possibilities of a Johns Hopkins education. A college education gives you flexible skills, confidence, and a deeper understanding of the world: this is the time to explore a variety of disciplines and opportunities. Consider the following:

- Try unusual courses.
- Talk to faculty.
- Participate in co-curricular activities.
- Work as an intern.
- Try your hand at research.
- Consider traveling abroad.

Some freshmen already have a plan for life after college:

- I want to major in Writing Seminars, intern on Capitol Hill, and become a journalist.
- I plan on a residency at Mass General with a specialty in orthopedics after majoring in biomedical engineering.

Goals are important, but as you explore the academic curriculum and co-curricular opportunities at Hopkins, don't be surprised if your goals and career ideas change. Whether entering Hopkins with a plan or undecided about your future, your interests will evolve as you progress through college. You may find yourself further committed to the major you envisioned when you entered, or you may find yourself loving a major you did not know existed.

An important concept for you keep in mind is that a major is not necessarily a commitment to follow a specific career path. The experiences of many Hopkins alumni demonstrate that majors are weak predictors of careers. For example, you might find someone with a history major working in finance or a mechanical engineering major working in city government.

Many freshmen have been so focused on the process of getting into college that they haven't really considered what they want to study when they get there. Ask your parents and other adults you respect. Did they predict their life and career path at age 18? Did they follow the plan they developed in college? Did their major determine their future? Your dreams should inspire you to do well, not limit you. Be open to new possibilities.

ADVISORS AT JOHNS HOPKINS

For perhaps the first time in your life, you have primary responsibility for your education. That freedom, coupled with an invitation to explore, can be a bit overwhelming. You do not have to negotiate this open terrain alone. Johns Hopkins has an academic advising system to help you, composed of faculty advisors, academic advisors, Directors of Undergraduate Studies, and pre-professional advisors.



- **Academic Advisors**

All freshmen in Arts and Sciences and Engineering get academic advice from the professionals in the Office of Academic Advising (OAA) or the Office of Engineering Advising (OEA), respectively. You can speak to advisors about issues like:

- choosing a major
- picking courses
- managing your workload
- getting academic help
- credit for college courses completed prior to matriculating at Hopkins
- adjusting to college life

These advisors will work closely with you this summer, helping you make decisions about your first-semester courses and answering your questions about getting started at Hopkins.

For Arts and Sciences students, the professional academic advisors in OAA will continue to be your principal source for advice all year. Initially, you will be assigned an advisor, but you are free to change advisors or see several. You must see an OAA advisor in October to pre-register for spring courses, then again in March to pre-register for courses for next fall. After freshman year, you are welcome to visit us anytime.

For Engineering students, the professional advisors in OEA will continue to be available to you for advice and assistance throughout your Hopkins undergraduate career. You will be assigned a faculty advisor at the end of the summer and will meet with this advisor for the first time during Orientation.

- **Faculty Advisors**

Each Engineering student is assigned a faculty advisor from the academic department the student has selected as a major. "Undecided engineering" students are also advised by faculty who have special expertise and interest in helping students in this group find their academic home at Hopkins.

At the end of the freshman year, Arts and Sciences students will be assigned a faculty advisor based on interest in a major.

During your time at Hopkins, faculty advisors will help you navigate the major by suggesting courses, explaining requirements, and discussing opportunities for research and scholarships.

- **Directors of Undergraduate Studies**

Each discipline has a faculty member who serves as a Director of Undergraduate Studies. Anyone, including freshmen, may meet with these advisors to talk about course offerings, the major and the minor, research opportunities, or other general questions about the discipline.



- **Pre-professional Advisors**

Freshmen are encouraged to participate in pre-professional advising activities, including the initial meeting during Orientation and events throughout their first year. In addition, freshmen are encouraged to meet with the advisors and utilize the resources in the Office of Pre-Professional Programs and Advising. The Office of Pre-Professional Programs and Advising is available to offer support and guidance for application to graduate education in health, business, and law.

We urge you to take full advantage of all the advisors in this system. No one has a monopoly on wisdom. Meet with advisors of all kinds and find the one or two whose counsel and style best match you.

TIPS FOR GETTING STARTED ON THE RIGHT FOOT

Relax

You do not have to meet every requirement and map out your life right now. So take a deep breath. You'll be fine.

Experiment

Most freshmen take five classes their first term. Sure, some requirements may be necessary, but if your schedule permits, also pick something new and intriguing. For example, try a seminar designed for freshmen.

Develop All of You

If your goal is to get a great job or get into graduate school, then you must do more than get an impressive GPA during your years at Hopkins. Volunteer. Get work experience. Check out research and internship opportunities. Involve yourself in student life. Leave Hopkins as a well-rounded person.

Expect to Work Hard

This will be the hardest job you'll ever love. It is not unusual for students to underestimate the time commitment they must make to their studies. There are no easy courses at Hopkins. Build a schedule that mixes courses with varying time commitments and types of assignments.

Do Not Treat Covered Grades as a Free Pass

Hopkins has the policy of covering first semester freshman grades. Students earn a letter grade and then this grade is covered with a Satisfactory or Unsatisfactory mark. The theory here is that this is your chance to show yourself that you can handle the independence you've been pushing for these last few years. But don't blow this opportunity - poor grades in the first semester can lead to academic probation or suspension of a scholarship. Most important, bad study habits and lousy comprehension will make it difficult to succeed later.



Last of all - Read this planner!

We've designed this book to provide you with the basic information you will need to know not only to select your first semester classes, but also to understand the many options and expectations ahead. We've anticipated your questions and you should be able to find answers here. In case we have forgotten something, you are welcome to contact us this summer.

THE CHALLENGE OF LEARNING AT JHU

Everyone expects that they will have to work harder to do well at Johns Hopkins. It is not just more competition or more reading that you will need to deal with. College education turns how you learned in high school on its head. There are two huge differences between learning at Hopkins and your high school:

- 1) learning does not take place primarily in the Hopkins classroom; and
- 2) you, not your Hopkins professor, are responsible for what you learn.

In high school you were in class about 30 hours each week. If you spent an additional 10 hours each week studying or doing homework outside of school, that's 40 hours a week that you devoted to learning in high school. At Hopkins, you will spend about 15 hours each week in class. Your professors will expect you to keep up with the quick pace by studying at least 30 hours each week on your own.

You should especially note that you are responsible for planning how you will use 30 of those 45 hours. In high school, your teacher planned 30 of the 40 hours you spent each week on learning. This is an enormous difference in who is responsible for learning and in how you need to use your time outside of class.

Look next at how class time is used in high school versus college. In high school, your teacher often spent time going over the assigned reading and the assigned problems in class, going over important points again and again. In high school, the teacher takes responsibility for helping you to learn the basic facts. In a college classroom, the professor expects that everyone has already read the assigned material before coming to class. The professor will not go over the material point by point. Class time is devoted to building upon the basic facts and discussing implications and applications.

If you come to class without doing the reading assignments first, you probably won't understand the discussion because it assumes that you already know the basics. With each class that you are not prepared for, you fall further and further behind.

Take heart. You can succeed at Hopkins. The key is to understand how important your time is and to use it well. Think of this as a full-time job with regular 9 to 5 hours. You will be in class for some of those hours and you will be having lunch during that time too. Use the other hours for studying (not napping).

If you have sports or club activities during the day, then you will need to schedule some evening study hours to make up for that time. If you are a night person who studies best while burning the midnight oil, fine. Schedule your study time at night. But remember to include about eight hours of sleep at night and time for breakfast and dinner, too.

Here are some tips for using your learning time effectively.

- Plan a balanced schedule of activities including school, work, sleep, and fun.
- Study at a regular time and place.
- Take good class notes and review your notes as soon after class as possible.
- Limit blocks of study time to no more than two hours on one subject at a time.
- Trade time, don't steal it. Make up for unexpected events that use up study time.
- Review each course, each week. Go over everything.

Can anyone really do this? Well, there are 168 hours in a week. If you use 45 of them for learning, and 56 for sleeping, that leaves 67 hours each week for the fun stuff. You really can do it all. Get yourself organized and have a great year!

RULES AND REQUIREMENTS

AP, IB, AND GCE LEVEL EXAMS AND PLACEMENT

ADVANCED PLACEMENT EXAMINATIONS

Advanced placement credits exempt a student from taking the equivalent courses at Hopkins. If you take any AP exams, please have the results forwarded to the Undergraduate Admissions Office at Hopkins. Johns Hopkins grants credit for scores of 4 or 5 on some AP exams (see table below). Please note that credit is given in French, German, and Spanish for language only, not for literature.

AP Exam	JHU Course equiv.	Score	Credit
Biology	020.151 & 152, 020.153 & 154 waived	4 or 5	8
Chemistry	030.101 & 102, 030.105 & 106	4 or 5	8
Computer Science A	Intro Programming	5	3
Computer Science AB	Intro Programming	4 or 5	3
Environmental Science	no equivalent	4 or 5	4
French	210.101 & 102	4 or 5	6
German	210.161 & 162	4 or 5	6

Spanish	210.111 & 112	4 or 5	6
Calculus AB	110.106 or 108	4 or 5	4
Calculus BC	110.106 or 108	3	4
Calculus BC	110.106 & 107 110.108 & 109	4 or 5	8
Physics C -Mech	171.101,103, or 105 173.111 waived	4 or 5	4
Physics C-E&M	171.102,104, or 106 173.112 waived	4 or 5	4
Macroeconomics	180.101	4 or 5*	3
Microeconomics	180.102	4 or 5*	3
Statistics	550.111	4 or 5	4

*Special information regarding economics:

Students majoring in economics must take an additional advanced course for each AP economics course that receives credit.

ALL students who wish to receive credit for the AP Microeconomics exam must contact Dr. Bruce Hamilton in the Economics Department and arrange to take an additional exam upon arrival at JHU.

AREA DESIGNATIONS FOR AP EXAMS

Advanced Placement examinations receive the same area designations as equivalent courses at JHU. AP Chemistry receives N credit; AP Calculus receives Q credit. Please note that AP language examinations, which are equivalent to language elements courses at JHU, do not receive an area designation for Arts and Sciences students because language elements courses at JHU do not receive any area designation. Engineering students can substitute elementary language courses for partial fulfillment of the humanities/social sciences distribution requirements.

If a student who is eligible for advanced placement credit based on advanced placement examinations decides to take an equivalent course at Hopkins to better prepare for upper-level work, the advanced placement credit will be rescinded. The record will note the advanced placement examinations without assigning any credit to them.



BRITISH G.C.E. AND INTERNATIONAL BACCALAUREATE DEGREES

Credit for British G.C.E. (General Certificate of Education) A-levels is accepted for grades of A or B in the areas in which we accept AP credit. In physics, an A earns credit for two semesters of physics while a B earns credit for one semester.

Credit for higher-level International Baccalaureate (IB) courses is granted for grades of 6 or 7 (5 for Further Math) for the following courses:

IB Course	JHU Course equiv.	Score	Credits
Biology	020.151-152 020.153-154 waived	6 or 7	8
Chemistry	030.101-102 030.105-106	6 or 7	8
Computer Science AB	Intro. Programming	6 or 7	3
French	210.101-102	6 or 7	6
German	210.161-162	6 or 7	6
Mathematics	110.106/108	6 or 7	4
Math w. Further Math	110.106/108 & 110.107/109	6 or 7	8
Further Math	110.106/108	5	4
Physics	Gen. Physics I & II 173.111-112 waived	7	8
Physics	171.101/103/105 173.111 waived	6	4
Spanish	210.111-112	6 or 7	6



TRANSFER CREDIT

The schools of Arts and Sciences and Engineering permit undergraduates who enter the university from high school to transfer a maximum of 12 degree credits from approved courses taken at other college campuses prior to matriculation and/or in summer school at other colleges after matriculation. These 12 credits do not include AP credits. There is no limit on the number of credits that you may earn after matriculation through the JHU Arts and Sciences Summer School program.

The 12-credit limit does not apply to courses taken after matriculation through the cooperative study program that Johns Hopkins has with neighboring schools in the Baltimore area. The cooperative education program enables enrolled students to take one course per semester at any one of several local schools during the fall and spring terms. Courses taken through the cooperative education program are treated as if they were Hopkins courses: the grades are recorded and computed into the student's grade point average.

Any transfer credit earned before you enter Hopkins must be forwarded to the appropriate advising office for evaluation before the end of the first term. To have transfer credits evaluated, you must do two things. First, send a brief description of the course from the school's website to your JHU advisor or advising office listed below. Second, ask the Registrar at the school where you took the course to send an official transcript to the appropriate advising office listed below:

KSAS student transcripts:
Johns Hopkins University
Office of Academic Advising
Garland Hall, Suite 3A
3400 N. Charles St.
Baltimore, MD 21218.

WSE student transcripts:
Johns Hopkins University
Office of Academic Affairs
126 New Engineering Building
3400 N. Charles St.
Baltimore, MD 21218



FOREIGN LANGUAGE PLACEMENT

FRENCH OR SPANISH LANGUAGE PLACEMENT

Students who have taken French or Spanish before college and plan to continue at Hopkins must take the departmental placement exam, called F-Cape or S-Cape, respectively, before registering.

The exam is linked through the Office of Academic Advising website at www.advising.jhu.edu.

Even students who have been awarded AP credit for French or Spanish must take the placement tests!

If you want to register for French or Spanish in the fall, take the departmental placement test online. This multiple-choice test is individualized (self-adjusting to the student's level) and is not timed. It covers grammar, vocabulary and reading skills. After taking the exam, sign up for the appropriate course depending on your score.

YOU MAY TAKE THE TEST ONLINE ONLY ONCE.

Please note:

1. No waiver will be allowed based on the online placement score. You must take the exam during Orientation to receive a waiver notation on your transcript. The online exam may only be used for placement into the appropriate course for the fall of your freshman year. The exams are offered at the Language Laboratory (Krieger 506) on a rolling basis (no need to make an appointment) during Orientation.
2. Students who receive a score that places them in the higher level of French will be required to take a supplementary 30-minute test during Orientation. Please check the Office of Academic Advising website for details. (www.advising.jhu.edu)

Questions regarding the test or your score should be sent to the coordinators for language placement:

Ms. Claude Guillemard, claudc@jhu.edu, for French and

Dr. Barry Weingarten, barry.weingarten@jhu.edu, for Spanish.



Frequently Asked Questions About French and Spanish Placement

Q: Do I still need to take the French or Spanish placement test if I already have an AP score?

A: YES! All students taking French or Spanish at Hopkins must take the departmental placement test.

Q: I've had some French or Spanish, but I don't feel confident and I want to take the Elements course. Do I still have to take the placement test?

A: YES! No student with any French or Spanish language background will be allowed to take Elements without the placement test. The placement test will help us determine your level more objectively.

Q: Do I have to take the test if I have never studied the language before?

A: NO. If you've had no French or Spanish at all, you should start with an Elements course. This is the only case when you don't need to take the test.

Q: I believe my score does not reflect my level. Can I take the test online again?

A: NO. Register for the course the test placed you in. You can review your placement with the coordinator during Orientation.

Q: May I register for a different course than indicated in the score interpretation?

A: NO. Follow the instructions exactly but keep in mind that you will have a chance to discuss your situation with a coordinator during Orientation. Any necessary adjustment to a student's placement will be made promptly during the first few days of class.

Q: I'm not sure when (or if) I will take French or Spanish during my years at Hopkins. Should I take the online test now?

A: If you are not sure you will take a language in the fall, you don't need to take the test now. You will still be able to take the placement exam during Orientation if you decide to take a language in September. For later semesters, the F-Cape and S-Cape are available at the language lab year-round.

Q: I just want to waive the language requirement for a major I'm considering. Do I need to take the F-Cape or S-Cape during Orientation?

A: YES. You must take the exam in person at the language laboratory if you want to receive a waiver. Taking the online exam during the summer will not earn you a notation on your transcript waiving you from a language requirement.



OTHER FOREIGN LANGUAGE PLACEMENT INFORMATION

CHINESE

There will be a placement exam offered during Orientation. Please check www.advising.jhu.edu for more information.

At this time, students with native listening and speaking ability in Chinese who have not developed their reading and writing skills should enroll in an appropriate level of an "Accelerated" Chinese course.

GERMAN

Take a placement exam during Orientation. Check online in August for the time it will be offered.

When completing your registration for courses in the summer, use the following guide to choose your course(s) in German.

- One or two years of high school German: choose German Elements I (210.161)
- Three years of high school German (or one year in a German-speaking country): choose Intermediate German (210.261)
- Four or more years of high school German (or greater than one year in a German-speaking country): choose Advanced German 210.361 and/or any course with a prerequisite of Intermediate German (210.261-262)

The German Placement Test (G-CAPE) is a computerized test and is administered during Orientation and on a rolling basis thereafter. Students placing above the Intermediate-level courses will also be asked to complete a supplemental written and oral evaluation. Once you receive a score on the G-CAPE, you will consult with the language coordinators to review your enrollment choices.

If you have any questions regarding placement, please contact the German language coordinator, Deborah Mifflin, at mifflind@jhu.edu. Visit the German department web site for up-to-date information about the program and courses: <http://www.jhu.edu/~german>.

HEBREW

If you have no previous work in Hebrew, take Elementary Modern Hebrew (130.450). If you have had previous work in Hebrew, consult the Near Eastern Studies Department.


HINDI

For more information, contact Professor Uma Saini at usaini@jhu.edu.

ITALIAN

Guidelines for placements in Italian are as follows:

- If you had one year of Italian in high school, register for Elementary Italian.

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- If you had two or more years of Italian in high school, contact Dr. Alessandro Zannirato at alessandro1@jhu.edu in Romance Languages during Orientation to determine whether or not you must take a computerized exam that is administered in his office.

JAPANESE

There will be a placement exam offered during Orientation. Please check www.advising.jhu.edu in August for more information.

RUSSIAN

If you have had previous work in Russian, register for the course you think most appropriate. Reassignment will be made, if necessary, on the first day of classes. If you completed more than two years of high school Russian, register for 377.135 Intensive Intermediate Russian.

MATH PLACEMENT

Math placement at Hopkins is determined by four factors: high school math background, our online math placement exam, AP/IB exam scores, and your intended major. To assist you with selection of the appropriate math course, please check the Math Department website. Their website is www.math.jhu.edu. Once on their homepage, click on the undergraduate section and look for the link to math placement.

At the beginning of July, we realize you may not have AP or IB exam scores to help you with your selection of the appropriate math course. Please make your best guess when you initially register, realizing that you may change your math course registration later in the month of July after you receive your scores.

We encourage all students to take our math placement exam and use the results as guidance in selecting the appropriate math course. The exam is located online at www.advising.jhu.edu. Results of the test are not a binding placement into a given course; other factors may influence your selection of a math course at JHU. There are two versions of the exam: one for students who had no calculus in high school (Exam I) and one for those who had calculus in high school (Exam II). Please note that Exam II will not place you lower than Calculus I, while Exam I may place you in Introduction to Calculus or Calculus I only.

While Engineering students most likely will be taking a math course in their first semester, Arts and Sciences students may not be taking a math course in their first semester. Please refer to the section on "Selecting Your First Semester Courses" for more information. There is no specific requirement for completion of a math course for graduation from Hopkins, though math courses may help you fulfill major or distribution requirements.



ACADEMIC REQUIREMENTS

CREDIT REQUIREMENTS

There are three categories of requirements that all students must meet in order to earn a baccalaureate degree:

- Major requirements
- Writing requirement
- Distribution requirements

Students must complete, depending on major, a total of 120-127 credits. Arts and Sciences majors all require 120 credits with the exception of a BS in Physics. Engineering majors require between 120-127 credits.

To earn 120-127 total credits, Hopkins students take an average of 14-16 credits in each of eight semesters. Students must take at least 12 credits each semester. Arts and Sciences freshmen cannot take more than 16.5 credits per semester, while Engineering freshmen may take up to 18.5 credits. Arts and Sciences upperclassmen may take up to 18.5 credits with the approval of their advisor; Engineering upperclassmen may take up to 19.5 credits.

Arts and Sciences freshmen have a lower credit limit because Engineering students tend to take more math and sciences courses. These courses have more class meetings; therefore, they tend to be worth 4 credits instead of the typical 3 credits of a humanities or social science course. Most students, KSAS and WSE students alike, take about 5 courses. In addition, many WSE majors require more total credits for graduation.


Although many students can manage heavier course loads, there is a price to pay. Not only do your grades suffer, but more importantly, students who overload lose the time for contemplation, discussions with peers and faculty, and some extracurricular and social interests.

For students who wish to earn additional credits, some credits may be accumulated through advanced placement examinations, January Intersession courses, and approved summer school courses at JHU and elsewhere.

WRITING REQUIREMENT

Every undergraduate in the Krieger School of Arts and Sciences and in the Whiting School of Engineering must complete a certain number of writing-intensive courses. Writing-intensive courses are indicated by the notation (W) in the course schedule. W courses are found throughout the curriculum and may be taken in any term prior to graduation. However, students may want to take a writing course during their first year to begin developing the academic writing skills that they will need in their other courses.

All Arts and Sciences students are required to complete 12 writing-intensive credits. Arts and Sciences students who enter the university with SAT scores below 600 on the SAT writing test or the SAT verbal



test are advised to take Introduction to Expository Writing course (060.100) during the fall term of their first year.

Engineering students earning the BA degree in an engineering discipline or completing a second major in an Arts and Science discipline must complete 12 writing-intensive credits (4 courses at least 3 credits each). Engineering students earning the BS degree must complete 6 writing-intensive credits (2 courses at least 3 credits each). Students should refer to their departmental advising manual for further details:
(http://engineering.jhu.edu/academicaffairs/ug_majors_and_minors).

More About Writing at Hopkins

To encourage excellence in writing, the university offers writing-intensive courses across disciplines and at every level. There are many opportunities to gain writing experience. You may want to explore these opportunities in different academic disciplines. Look for courses designated W in the Schedule of Classes. You'll find there are writing intensive courses in, for example, history, philosophy, music, anthropology, and more.

Academic Writing

Expository Writing courses introduce students to the principles of academic argument and guide their practice as they learn to embody those principles in their writing. Each Expos seminar has a unique topic and is taught by an instructor with special training in the teaching of writing. Each seminar focuses on the strategies and techniques of college writing. All courses in Expository Writing help fulfill the university writing requirement and also count as (H) courses.

Expository Writing is offered every fall as 060.113, and every spring as 060.114. Read the descriptions of each seminar carefully to select the ones most engaging to you. Descriptions can be found at <http://web.jhu.edu/ewp>. In addition, Introduction to Expository Writing, 060.100 is offered in the fall for students who feel they need more preparation for college writing.


Creative Writing

Introduction to Fiction and Poetry Writing (220.105/106) is a writing and literature course designed to introduce prospective majors to The Writing Seminars. Non-majors interested in literature and creative writing are welcome to enroll. IFP I and II are prerequisites for advanced courses in Writing Seminars.

In IFP I, students will read realist fiction and formal poetry, as well as write and revise their own stories and poems. IFP II is devoted to experimental fiction, free verse, and the prose poem. Both courses are taught in small sections, workshop fashion, by fiction writers and poets from Writing Seminars.

Professional Communication

The Professional Communication Program is part of the Center for Leadership Education in the School of Engineering. The program offers a variety of communication and writing courses, such as



Technical Communication (661.110) and Scientific Writing (661.310). These courses are designed to enable students from all disciplines to develop effective communication skills relevant to their educational and professional goals.

DISTRIBUTION REQUIREMENTS

One common question among Hopkins freshmen is, “What is the core curriculum?” If what you’re looking for is a list of required courses, the answer may surprise you: there is no “core curriculum.” Rather, Hopkins has defined a distribution requirement designed to ensure that all students will study across the breadth of the curriculum. All students must take at least 30 credits in academic areas outside their major.

The courses offered at the university that satisfy the distribution requirement fall into the following areas:

- Humanities (H)
- Social sciences (S)
- Natural sciences (N)
- Quantitative sciences (Q)
- Engineering (E)


Specific courses can involve two or more areas. For instance, the course Introduction to Psychology combines significant components of both the natural and social sciences and, hence, is designated (N, S).

The specific distribution requirements are determined by the area of the major. For example, students majoring in a social science discipline must have a minimum of 12 N, Q, and/or E credits among their 30 distribution credits. The other 18 credits can include H credits in addition to N, Q and E. Similarly, students majoring in a humanities discipline must have 12 N, Q, and/or E credits among their 30 distribution credits. The other 18 credits can include S credits in addition to N, Q and E. Students majoring in natural sciences, quantitative sciences or engineering must include at least 18 H and/or S credits in the 30 credits. The other 12 credits vary slightly by major.

As you can see, these are modest requirements to allow Johns Hopkins undergraduates independence and choice.

FRESHMAN GRADING POLICY

In the first semester of their first year, students entering from high school receive a grade (A+, A, A-, B+, B, B-, C+, C, C-, D+, D, F) in each course taken. These grades are part of a student’s permanent record. However, a record of first-term grades is neither given to the student nor mailed the student’s parents, and is not released to anyone outside the Schools of Arts and Sciences or Engineering. Academic advisors and faculty advisors receive copies of the first-term grades of their advisees. Students are encouraged to meet with their advisor to discuss these grades.



All courses appear on the student's permanent academic record. Courses completed in the first semester with a grade of C- or better appear with a grade of S (for Satisfactory). Courses with grades below C- appear with the grade of U (for Unsatisfactory). Credit is awarded only for courses that are completed with a Satisfactory mark, with the following exception. In the first semester of a student's freshman year, credit will be awarded for U grades if the original letter grade is a D or D+. None of the first-semester course grades are included in a student's permanent grade-point average, although an internal GPA is used to determine if students have made satisfactory academic progress during the first semester. All students are required to earn a GPA of 2.0 or higher (a C average or better) to be in good academic standing.

Note: This covered first term policy is unique to Johns Hopkins. However, though grades are covered, you still receive actual letter grades for your classes. The popular myth is that all classes in the first term are pass/fail--they are not. Many of the upperclassmen you meet will tell you it is pass/fail and that you do not need to take your first semester seriously. Do not allow yourself to be taken in and think that all you have to do your first semester is pass. You should do your best, spend some time at the library, practice good study habits, and use this covered first-term policy as an aid to gauge your adjustment from high school to college.

ACADEMIC PROBATION

Academic Probation for Unsatisfactory Performance

When the first term grade-point average is computed, a student can be placed on academic probation if the GPA is below 2.0 (below a C average) or if the student passes fewer than 12 credits.

Consistent with the notion of "covered grades" for the first semester, there is no transcript notation placed on the official record when the academic probation is based on performance in the first semester. However, the notation "Placed on Academic Probation" is added to a student's transcript if he/she is placed on probation in subsequent semesters.

A student on academic probation may lose his/her financial aid or be required to withdraw from the university if the term GPA remains below 2.0 (or fewer than 12 credits are passed) in two consecutive semesters.

Do Your Best From the Start

The first semester is not a time to take a difficult course just because the grade will not show, nor is it a time to take it easy and earn low grades. Low grades in the first term place you in academic jeopardy, as poor performance in the first semester of a course like Introductory Chemistry, General Physics I, or Calculus I may make it difficult for you to do well in the next course in that area because of inadequate preparation.



HONORS INFORMATION

1. General and Departmental: Students can graduate with general honors, departmental honors, or both. General honors are awarded to students with cumulative grade point averages of 3.50 or better. Departmental honors are determined by the individual departments.
2. Dean's List: Student in their first and subsequent semesters who have earned a 3.50 semester average or higher with a program of 14 or more credits (12 credits must be graded) will be placed on the Dean's List for academic excellence for that semester. An appropriate notation is made on the transcript. Additionally, a letter from the Dean is sent to the student with a copy to the parent(s) to share the good news!
3. Honor Societies: There are various national honor societies that have chapters affiliated with Johns Hopkins.

ACADEMIC ETHICS

In 1975, the undergraduates at Johns Hopkins established a code of ethics that governs student conduct in all academic activities. The undergraduate Academic Ethics Board administers the ethics code, receives reports of suspected violations, and appoints hearing panels.

You will receive a copy of the guidebook, "Academic Ethics for Undergraduates: A Guide for Students, Professors, and the Community." This book summarizes the University's policies on academic ethics. Please read this book carefully to familiarize yourself with the rules and policies regarding ethics at Hopkins. The guidebook is discussed in a mandatory session for all freshmen during Orientation.

FINAL EXAM SCHEDULE

Located below is the final exam schedule for Fall 2007. Students are expected to attend final exams as scheduled and should wait to make their travel arrangements home until they have verified end-of-semester expectations in the courses they are taking. Not all courses have final exams. Professors are not expected to accommodate students who want to take final exams at alternative times due to travel arrangements.

Fall Term Examination Schedule for KSAS/WSE Courses Numbered 100-499: (Thursday, December 13 through Thursday, December 20)

A. Common Examination Courses Final Examination Time

Mathematics 105, 106, 107, 108, 109, 210, 202 -- 9-12 Noon, Thursday, December 13

Elementary and Intermediate Language courses -- 2-5 PM, Monday, December 17

Room assignments for the final examinations in these courses will be announced in class in November.



B. Standard Class-Hour Courses

Classes meeting during the term within the standard meeting times given in the first column will have their examinations at the time indicated in the second column. The determining factor will be the first class meeting during the first full week of Fall term classes (Monday, September 10 - Friday, September 14). In the case of lecture style courses, the first lecture meeting will govern, not the section meeting.


M(TW)	8	2-5 PM	Thursday, December 20
M(TW)	9	9-12 Noon	Tuesday, December 18
M(TW)	10	9-12 Noon	Friday, December 14
M(TW)	11	9-12 Noon	Monday, December 17
M(TW)	12	2-5 PM	Tuesday, December 18
M(TW)	1	2-5 PM	Friday, December 14
M(TW)	2	9-12 Noon	Wednesday, December 19
M(TW)	3	9-12 Noon	Saturday, December 15
M(TW)	4	2-5 PM	Saturday, December 15
Th(F)	9	9-12 Noon	Thursday, December 20
Th(F)	10:30	2-5 PM	Thursday, December 13
Th(F)	12	2-5 PM	Wednesday, December 19
Th(F)	1	2-5 PM	Thursday, December 20
Th(F)	2	2-5 PM	Saturday, December 15
Th(F)	3	2-5 PM	Sunday, December 16

Examinations for these courses will normally be held in the regular term classroom unless the instructor requests an alternate room assignment from the Scheduling Coordinator in the Registrar's Office. In such cases the new room location will be announced in class.

UNDERGRADUATE STUDENT HANDBOOK

The Undergraduate Student Handbook contains the academic rules and procedures of the university. Students receive a hard copy of this document during Orientation their first year, and the manual can be found at www.advising.jhu.edu and www.engineering.jhu.edu/academicaffairs/2_undergrad. The following statement explains the student's responsibility regarding the content of the Academic Manual: It is the student's responsibility to be familiar with the information contained in this manual. Failure to read this manual will not excuse any student from responsibility for abiding by the rules and procedures described herein.

Personal difficulties, illness, or advice contradicting the rules and procedures in this handbook do not constitute automatic grounds for exemption from these rules or procedures. Any waivers to the



rules and procedures must be reviewed and approved in advance and are effective only when accepted by the Office of Academic Advising (Arts and Sciences students) or the Office of Academic Affairs (Engineering students).

The university reserves the right to make changes in the rules, procedures, and other information in this manual as it deems appropriate. Students are urged to consult the Office of Academic Advising or the Office of Academic Affairs about any questions that they may have concerning academic programs, especially when the student's program deviates in any way from the rules and procedures in this manual. This manual is not to be regarded as a contract.

EMAIL AND COMMUNICATION

As soon as you receive this Planner, GET IN THE HABIT OF CHECKING YOUR JHU EMAIL ACCOUNT DAILY! When you receive your JHU email address, please log on and activate your email account. Email is the official means of University communications; important campus announcements will be sent only to a JHU email address. Get out of the habit of using your gmail or yahoo account. Starting in June, you will begin to receive important information in your JHU email account—so check it daily throughout the summer. Students use JHU email to communicate with advisors, faculty, to submit assignments, and to interact with a variety of campus offices.

Undergraduate students also have access to myJohnsHopkins, a web portal that provides information specific to the Homewood campus. Here you can view important announcements and the Homewood events calendar, as well as many other “one-stop shopping” features.


Campus offices use information on file in the Office of the Registrar to contact you about registration, credit transfers, and issues concerning academic status. Please report a change in your local or home address to the Registrar and to the Office of Academic Advising/Affairs immediately.

Each student is required to have a campus mail box. It is very important that you check this box frequently as some official notices and correspondence are distributed by this method.

SELECTING YOUR FIRST SEMESTER COURSES

You will be registering for your classes using the Hopkins online registration system. Detailed instructions regarding your login, password, and registration procedures are provided on the enclosed notice from the Registrar's Office.

Registration dates are Monday, July 2, 2007 through Tuesday, July 31, 2007.



A list of all classes offered for the Fall 2007 semester is available at www.jhu.edu/registrar/schedule.html. Text highlighted in red indicates a change in the originally listed material. Complete descriptions for all Engineering and Arts and Sciences courses are available through the online catalog at www.jhu.edu/~admis/catalog. More detailed instructions follow below.


COURSE SELECTION FOR PEABODY DOUBLE DEGREE STUDENTS

Double degree students will not be able to select Peabody courses until they have completed placement examinations during Peabody's Orientation Week in August. For now, double degree students should select at least 12 credits of appropriate courses from the Arts & Sciences and Engineering fall schedule. In August, we will be available at Peabody to help you to make changes in your Homewood schedule to accommodate your Peabody schedule.

COURSE SELECTION FOR ARTS AND SCIENCES STUDENTS

Since you have an amazing amount of freedom when you select courses for the fall, you may want a bit of guidance. Hopkins does not require any specific courses -- we feel you should explore the fields that match your interests. While there are major, distribution, and writing requirements, this isn't the time to limit yourself. Hopkins offers courses in a wide array of disciplines that you have never encountered before in high school, as well as areas that may be familiar favorites. You need to think a bit about both the big picture (What are my goals for my college education? What are possible majors, career plans?) as well as the more immediate future (What should I take this fall?). Here are some pointers for getting started:

- Check out what's available. Scroll through the Schedule of Classes (www.jhu.edu/registrar/schedule.html) and look through the courses offered in all of the various departments on campus. Start making your own list where you jot down what catches your eye.
- Look at the Office of Academic Advising website's section about Majors and Minors (www.advising.jhu.edu). These screens contain tons of information: descriptions of majors, possible career directions, and suggested first-year courses. Read through ALL of it—you might be intrigued with a major you've never considered before. The suggested first-year courses for the majors will help you find a starting point for putting together your fall schedule, and then add other courses to the mix. Some students strongly considering science majors will need to begin required courses in the fall. If you have taken Advanced Placement (or IB) exams, be sure to review that section in the Planner.
- Keep in mind that only about half of the courses you take during your undergraduate years will be requirements for



your major. The remaining half will be electives-- seek out the courses that you find engaging. Some of these electives will need to be in areas outside your major academic area to meet the university's distribution requirement.

- Begin the process of narrowing down the list of Fall 2007 courses you've made. To do this, you will need to decide which courses can be combined with each other. Read the section in the Planner describing the how to read a course description. You need to understand the difference among terms like "lecture," "lab," and "section." Undergraduate courses are numbered xxx.100 through xxx.499. Freshmen primarily take 100- and 200-level courses, though sometimes a 300-level course is appropriate. When you've got a handle on this, you are ready to create your proposed schedule.
- If you plan to continue with a foreign language you've studied before or to take a math course, please review the Language and Math Placement information in this Planner. Take the appropriate online placement exam.
- Start a new list of desired courses that includes lecture times. Be sure no lecture times conflict. Now, begin selecting sections. Note down all of the section numbers that could work for you—your first choice of section might be full and you may need to try your second choice. We'd also recommend reviewing the Planner section on waitlist information.
- You are allowed to take between 12 and 16.5 credits during your first semester. Most students take between 13 and 16 credits. Be wary of including more than two writing intensive courses or having the same area designation for all of your courses.
- Now that you have a proposed schedule, log on to begin the actual online registration process. The instructions are on the letter listing your JHED ID.
- If you need additional guidance, you can contact your advisor in the Office of Academic Advising. Advisors are assigned on the basis of your last name. The alphabetical breakdown and contact information can be found on our website (www.advising.jhu.edu). Do not hesitate to call if you want assistance!
- After you have registered, your advisor will review your schedule. We will mail you written feedback and you may consider any changes that you want to make when the semester begins.
- When you start attending classes in September, many students add/drop courses. The first two weeks of the semester are the time to fine tune your schedule. So explore, knowing that you can make changes if needed.



COURSE SELECTION FOR ENGINEERING STUDENTS

You will be choosing your first semester courses based on the information in this planner and the accompanying booklet, Engineering 101. You should follow the suggested schedule in Engineering 101 for your chosen major – even if your major for now is “undecided engineering.” All engineering students will be taking classes in both the School of Arts and Sciences (math, chemistry, physics, etc.) and in the School of Engineering. A complete list of classes being taught during the Fall 2007 semester is available at <http://www.jhu.edu/registrar/schedule.html>. The enclosed letter from the Registrar’s Office provides you with your “JHED ID” and instructions on how to access and use the on-line registration system.

If you have additional questions that can’t be answered in any of the resources you have, please call or email the Office of Engineering Advising at (410)516-7395 or wseadvising@jhu.edu. The academic advisors in this office will be reviewing all freshman schedules after you register on-line. These advisors will be in touch with you over the summer via email and phone to suggest changes to your schedule, if necessary. Your faculty advisor will verify that this schedule is appropriate at your meeting during Orientation.

General Information for all first-year engineering students

1. Engineering students take between 15-18.5 credits in the first semester. You may not register for more than 18.5 credits. The 0.5 credit is in place to accommodate a foreign language course, which typically carries 3.5 or 4.5 credits.
2. For information on advanced placement credit, mathematics and language placement, see the earlier sections in this Planner.
3. Physics at Hopkins is calculus-based. If you do not have any high school calculus, you should wait until the spring semester to take Physics I (after successful completion of Calculus I during your first semester here).
4. All engineering freshmen should take an introductory engineering course in the first semester. There are several choices:
 - Introduction to Electrical and Computer Engineering
 - What Is Engineering?
 - Introduction to Environmental Engineering
 - Freshmen Experiences in Mechanical Engineering
 - Chemical and Biomolecular Engineering in the Workplace: Biotechnology, Nanotechnology and Beyond
5. BME freshmen should take either Models for Life or BME Design Team. These two courses are open to BME freshmen only.

HOW TO READ COURSE DESCRIPTIONS

Important Definitions:

- Lecture – The primary class meeting where everyone registered for the class is in attendance.
- Section – Lecture courses sometimes divide into several smaller sections, which typically meet once per week. Section attendance is considered as important as lecture attendance.
- Laboratory – Lab is usually a hands-on learning experience with a significant time commitment.
- Seminar – A small course of 10-15 students, typically examining a specific topic. Students are expected to participate actively in discussions.
- Conference and Workshop are additional terms used to represent scheduled class meetings where regular attendance is expected.

A sample course listing looks like this:

EN 500.101 (E)

What is engineering? (3) *Karweit*

Limit 36 per section * Freshmen Only * Coreq: 110.108;

Familiarity with computers desirable. This is a course of lectures, laboratories, and special projects. Its objective is to introduce students not only to different fields of engineering but also to the analytic tools and techniques that the profession uses. Assignments include hands-on and virtual experiments, oral presentations or product design, and design/construction/testing of structures.

The listing is explained as follows:

EN 500.101 is the course number. The number preceding the decimal point indicates which department offers the course (500 is General Engineering). The number following the decimal point indicates the level of the course:

xxx.101-xxx.199 introductory undergraduate course

xxx.201-xxx.299 intermediate undergraduate course


xxx.301-xxx.499 advanced undergraduate, normally not recommended for first-year students

xxx.501-xxx.599 undergraduate independent study and research

xxx.600-xxx.899 graduate course

(E) is a code letter which describes the area of study:

E	Engineering
H	Humanities
N	Natural sciences
Q	Quantitative studies
S	Social and behavioral sciences
W	Writing intensive



What is engineering? is the course title.

(3) is the number of credits awarded upon satisfactory completion of the course.

Karweit is the instructor.

Sec.	01	MW 12-1, T 12-2
	02	MW 2-3, T 2-4
	03	MW 4-5, T4-6

Section 01 meets Monday and Wednesday from 12-12:50 for lecture and Tuesday for section from 12-2.

Information About Class Meeting Times:


- Classes that do not list an ending time in the Schedule of Classes are 50 minutes in length, allowing time for a student to travel to their next class. For example, you can schedule a class that starts at 10 am and a class that starts at 11 am.
- Classes that list an ending time actually end ten minutes before the listed end time, allowing travel time to your next class. For example, you can take a class listed from 1-3 pm and a class starting at 3 pm.

WAITLIST INFORMATION

When you register, you may find that the course you want is full, especially later in July. You may place yourself on the waitlist for the course. Being on the waitlist, however, does not guarantee you a seat or priority to get into a course. Over the summer, the departments monitor the demand and space availability in courses by viewing the waitlist. During this time, more seats or sections may become available in limited cases.

Guidelines and Tips Regarding the Waitlist

1. If a course has multiple sections, please check all sections for seat availability before placing yourself on the waitlist as a different section may still have openings.
2. You may place yourself on the waitlist for only one other section of a course for which you have successfully registered in a section. This means that if your first choice section is full, and you get a space in your second choice section, you may choose to remain on the waitlist for your preferred section in addition to securing the space in the second section.
3. A special note regarding introductory math and science courses:
We will be able to accommodate all students in the large introductory math and science courses. Occasionally over the summer a large class, like Calculus II, may temporarily be full. If, after checking all listed sections, you have not secured a place in the



class, please put yourself on the waitlist for your preferred section. Most likely, you will be placed in the course in a day or so. We recognize this can be very stressful, but course sections have limits so that we can guarantee a quality experience in your courses.

4. A special note regarding Freshman Seminars and English courses: These are intended to be small courses and, if a course is full, it is unlikely that space in the class will become available over the summer. Sometimes places become available during the add/drop period, which begins on the first day of classes.
5. If space in a course becomes available, you may be moved from the waitlist into a course and this change will be visible on your "Confirmation Schedule."

If you are on a waitlist and adding you into the course will place you over your credit limit, you will not be placed in the course.

You will notice that right before classes begin your waitlisted courses have disappeared from your "Confirmation Schedule." This is because the waitlist has been printed and given to instructors. This will also enable you to add and drop courses when the semester begins.

Don't be discouraged if you do not get into a course you really want over the summer. During the add/drop period that starts on the first day of classes, many students change their schedules and you may be able to add the course you really want at that time.

If you are confused about how the waitlist system works, please call the appropriate advising office.

ACADEMIC ASSISTANCE

The Office of Academic Advising houses resources for Arts and Sciences and Engineering students who need assistance in achieving academic success at Hopkins. Success at Hopkins requires effective study skills, efficient time management, and strong organizational techniques. We know that students enter with varying levels of these skills, so we offer many supporting programs to assist those who may need to develop these skills further to obtain the success they want to achieve here at Hopkins.

TUTORING

Drop-in, small group, and one-on-one tutoring are all available at Hopkins. A listing of the available services follows. Individual one-on-one and small group tutoring require a small fee.

Free Drop-In Tutoring

Free tutoring is available in math, economics, chemistry, biology, and engineering courses. Drop-in tutoring is available to anyone who needs assistance academically in any of the areas listed above. These drop-in sessions meet on Monday through Thursday, 7 to 10 p.m.



Small Group Tutoring

These groups consist of one group tutor and two to five students from the same course and instructor. This is a weekly review of course material. During these group sessions students will be able to ask questions and receive assistance with homework.

Individual One-on-One Tutoring

One-on-one tutoring is available in a variety of courses. This is for students who need special attention in a course and meet the guidelines for one-on-one tutoring.

H.O.M.E.S. Sunday Study-A-Thon

The Homewood Organization for Minority Engineering and Science students offers a free Sunday afternoon Drop-In Tutoring and Study-A-Thon.

Tutoring Coordinator
Ms. Marsha McCormick
Office of Academic Advising
(410) 516-8216
mmcc@jhu.edu

Math Help Room

The Math Department offers free tutoring in math courses most afternoons and evenings in Krieger Hall. For more information contact the Math Department at (410) 516-7379.

Writing Center

The Writing Center, a free tutorial service for all undergraduates, offers one-on-one help at any stage of the writing process. The Center is open from 2 pm to 10 pm, Sunday through Thursday, and is located in the Greenhouse 127. You can contact the Center at (410) 516-4258 or by email writingcenter@jhu.edu.

STUDY CONSULTANT PROGRAM

This program matches undergraduates who are struggling academically with a senior or graduate student to work one-on-one with them in the following areas: time management, study skills, test anxiety, note-taking, reading textbooks, and procrastination.

Study Consultant Program Coordinator
Ms. Angela Ruddle
Office of Academic Advising
(410) 516-5506
ruddle@jhu.edu



DISABILITY SERVICES

The Office of Academic Advising in Garland Hall, Suite 3A, works closely with undergraduate students with disabilities and their faculty to provide reasonable accommodations in the classroom and at social events. Upon admission to the university, students with disabilities should contact the Homewood undergraduate disabilities services coordinator, Dr. Richard Sanders, to schedule an intake meeting. All documentation will be reviewed and reasonable accommodations will be provided based on individual needs. To ensure that services are available, contact the coordinator at least four weeks prior to the beginning of the semester or the special event.

Richard J. Sanders, Ph.D.
Director
Office of Academic Advising
Johns Hopkins University
3400 N. Charles St.
Baltimore, MD 21218
sanders@jhu.edu
(410) 516-8216
Fax: (410) 516-4040

CAREER CENTER

Welcome to The Johns Hopkins University and to the Career Center! This will be a year of discovering new friends, new interests, a new city, and new opportunities. In the next couple of months you will be making some initial decisions that will impact your future. What should you major in? What campus organizations should you join? Who will your friends be? How do you make time for everything? This time of self-discovery will lead you down the path of exploring many options. A part of your exploration will include choosing a major and identifying your career interests and skills. We are here to assist you as you consider career options.

Getting Started During Your First Year

If you are unsure about your major or career field, make an appointment with a career counselor to discuss your interests and your personality. This will help you begin the process of investigating some potential paths.

Use resources on our website (<http://www.jhu.edu/careers/>) and in the Career Center Resource Library to learn about various career fields. A number of resources are available that discuss different opportunities for different majors. In addition, visit the "Best Career Links" section of our website for information about a variety of fields.



When you arrive on campus, register for a **Career Center Account**, which will give you access to internship listings and a weekly e-newsletter. To obtain a **Career Center Account** simply visit our website. You will need your J-Card to access the system for the first time. Please remember to update your **Career Center Account** at least once a year!

Attend Career Center workshops on a variety of topics including: resumes, cover letters, internships, and interviewing skills. The Career Center brings alumni to campus who are willing to share information about how to break into a variety of fascinating career fields.

Don't miss our fall open house. This is a great opportunity to learn about our resources. Be sure to check our website for the date and details when you arrive on campus.

The Career Center has many other services including internship counseling, resume critiquing, three on-campus career fairs, seven off-campus career events, and over 7,000 internship postings. We are committed to assisting you in defining and achieving your career goals. We look forward to working with you throughout the next four years. **Please visit our office on the 3rd floor of Garland Hall, or contact us at 410-516-8056.**

COUNSELING CENTER

THE COUNSELING CENTER

www.jhu.edu/counselingcenter

Director: Dr. Michael Mond

Location: Garland Hall, 3rd Floor


Phone: 410-516-8278

Hours: M-F, 8:30AM-5PM

The mission of the counseling center is to facilitate the personal growth and development of full-time undergraduate and graduate students enrolled in the School of Arts and Sciences, Engineering, Nursing, and the Peabody Institute. The counseling services and outreach programs are designed to enhance the personal and interpersonal development of students and to maximize students' potential to benefit from the academic environment and experience. The Center further strives to foster a healthy, caring University community, which is as beneficial to the intellectual, emotional and physical development of students as possible.

SERVICES

The Counseling Center offers individual, couples and group counseling to eligible students free of charge. Severe emotional problems are NOT a prerequisite for coming to the Center. Students may avail themselves of counseling services for personal growth and enrichment. All eligible students are encouraged to utilize the services



offered by the Center. Some typical concerns that might lead to contacting the Center are:

- Feeling overwhelmed/difficulty coping
- Difficulty in interpersonal relationships
- Academic anxieties and pressures
- Problems with family members
- Inability to make decisions
- Loneliness or depression
- Grief over death or loss
- Concerns about sexuality
- Problems adjusting to college life
- Alcohol/drug concerns
- Eating disorder/weight control
- Desire to feel better about oneself
- Motivational or time management issues
- Difficulty making a career choice

Students who come to the Counseling Center for counseling will meet individually with a professional staff member to determine which Center services may best suit their needs. Individuals and couples counseling sessions generally occur once a week and last 50 minutes. The number of sessions per student per year is almost always limited to less than a semester.

In the case that a psychotropic medication may be indicated, a consulting psychiatrist will evaluate the student and prescribe and monitor medication as needed.

Consultation

The Counseling Center provides consultation to the University community. Students, faculty, and staff may consult with the Counseling Center in regard to situations and issues related to students and student-life problems. The Center welcomes inquiries about the development of special services and programs.

Workshops/Outreach Programs


Workshops are offered each semester to enhance personal growth and development. Additional programming is available to residence halls and other campus organizations.

Referral

If a student's needs can be better met by another agency or person, then the student is referred, on a voluntary basis, to that resource.

Confidentiality

All contacts in the Center are strictly confidential (no information is released on or off campus without the student's prior written authorization), and all therapy, counseling, and referrals are strictly



voluntary. Counselors are legally and ethically required to take responsible action in two cases: (1) when someone's life is in clear and imminent danger and (2) when it appears that child or dependent adult is being abused.

Counseling Center Staff

The Counseling Center is staffed by licensed psychologists, consulting psychiatrists, and social workers. Services are also provided by advanced doctoral students in professional psychology who work under the supervision of senior staff.

Appointments

Students desiring Counseling Center services can make appointments. In addition, a professional staff member is always on duty each day for immediate assistance in case of an emergency. Emergency and crises intervention services are also offered at night, on weekends, or during University breaks.

FINANCIAL AID

The Office of Financial Aid administers federal, state, and institutional grants, loans, and work-study programs. Parents can also find out about other financing options. Students can stop by to see a financial aid counselor if they have questions about their aid packages. The office is located on the first floor of Garland Hall.

FREQUENTLY ASKED QUESTIONS ABOUT FINANCIAL AID:


What is Federal Work-Study and how do I find a job?

Federal Work-Study (FWS) is a federally funded program that provides work opportunities to students. FWS includes the Community Service and the America Reads programs, two initiatives developed by the federal government to encourage students to participate in work opportunities that provide service to their community.

Most students who apply for financial aid at JHU will receive FWS as part of their financial aid award. A typical FWS award for the academic year is \$2,500. A \$2,500 FWS award allows a student to work about 8-10 hours per week (depending on the rate of pay which is determined by the employer based on the type of work being performed). You may work in a traditional FWS job, a Community Service or an America Reads job, or a combination as long as you do not exceed the \$2,500 award. Community Service and America Reads positions must be approved by Student Financial Services. Most jobs are on-campus but off-campus jobs may be arranged.

A Job Fair is held early in September to assist students in locating jobs. Students may also visit the Student Employment Services web site at <http://www.jhu.edu/~stujob> for assistance anytime throughout the year for assistance in locating a job.

A Federal Work-Study award is paid to a student in the form of a paycheck for hours worked. Most students will use FWS as a source



of pocket money during the academic year. If you cannot locate a job or find that you cannot work due to academic or extracurricular commitments, your FWS award will not provide monetary assistance to you. In most cases, the FWS award can be declined and the student can receive a low interest student loan in an equivalent amount in lieu of FWS. Students must contact Student Financial Services to discuss this option.

What happens to my financial aid if I attempt and/or complete less than 12 credits in a semester?

Students who withdraw from some classes and therefore complete less than 12 credits during a semester will have their financial aid reviewed at the end of the academic year. Each year you must show progress toward a degree by completing 24 credits or financial aid may be withdrawn. If a student is receiving a Federal Pell Grant, and registers for less than 12 credits, the Pell Grant must be reduced, proportionate to the number of credits for which you were enrolled during the semester. Other aid may also be adjusted. A student who attempts less than 6 credit hours during a semester is not eligible for federal or institutional financial aid.

My merit-based scholarship requires that I maintain a certain GPA. What happens if I do not maintain the required GPA?

Students who receive a Hodson Trust, Westgate, International Scholarship or Maryland Hope/ Distinguished Scholarship are required to maintain a 3.0 GPA. At the end of each semester your GPA will be reviewed. If your GPA is below a 3.0, your Hodson, Westgate, or International Scholarship will be offered to you on a probationary basis for the next semester. If you still do not achieve a 3.0 GPA, you will no longer be eligible for the scholarship, and it will not be reinstated. Future aid may only be available on a need basis, if you demonstrate eligibility and funds are available.

We report your GPA and major to the state of Maryland for maintenance of your state awards. The state offers an appeals process if you fall below the required minimums.

I earned excellent grades during my first semester/year at JHU. Are there any merit-based scholarships for which I can now apply?

All Hopkins-sponsored, merit-based scholarships are awarded to incoming students. If you do not receive one as an incoming student, you cannot apply in subsequent years. You may want to research the possibility of an outside scholarship from a private organization by visiting our web site at <http://www.jhu.edu/finaid> for links to free scholarship searches. The Office of Academic Advising also maintains a list of scholarship opportunities for returning undergraduate students. Visit their web site at www.advising.jhu.edu for more information.



There has been a significant change in my family's financial situation since the time that I filed my financial aid documents. Will I be able to receive additional financial aid?

Throughout a student's tenure at JHU, a family may incur unusual situations. Such situations include loss of income, death of a wage earner, or unexpected medical expenses not covered by insurance. These types of events may warrant a review of the financial package. Changes in income due to job or overtime loss are reviewed only at the end of the calendar year. Hopkins makes every effort to provide assistance to all students who qualify. However, due to limited resources, it is not always possible to provide full assistance to every eligible student. Please contact the Financial Aid Office for more information.

I received onetime scholarships from private organizations for my freshman year. How does this affect my financial aid this year and for future years?

You must report all outside/private scholarships that you receive to the Office of Student Financial Services. You may call, write or notify us online at <http://www.jhu.edu/finaid/electserv>. The loan or Federal Work-Study portion of the package may be adjusted for freshmen receiving outside/private scholarships. Need-based scholarships, Hopkins Grant, and Hopkins-funded, merit-based scholarships will not be reduced for freshmen receiving outside/private scholarships. This policy applies for freshman year only. You must reapply for financial aid each year. Students do not typically receive additional grant funding due to the loss of a onetime private scholarship unless additional financial need exists that cannot be met with other sources of aid.

What is satisfactory academic progress (SAP) and how does it affect my financial aid?

Satisfactory academic progress (SAP) as defined by Hopkins policy requires that a student maintain at least a 2.0 GPA and complete at least 24 credit hours per academic year. Completion of a degree is expected to take no longer than five years. Hopkins Grant is awarded for a maximum of eight semesters to students who demonstrate financial need and maintain SAP. Federal loans are available for five years. Students placed on academic probation may continue receiving funding on a probationary basis.

I was required to withdraw for academic reasons. What happens when I am ready to return?

Students who are readmitted after being required to withdraw for academic reasons must notify the Office of Student Financial Services in writing of their intention to return. Renewal of grant funding is not guaranteed but will be considered upon formal readmission to JHU, completion of all required financial aid documents, and on a funds-available basis.



PRE-PROFESSIONAL ADVISING

PRE-PROFESSIONAL ADVISING

The Office of Pre-Professional Programs and Advising is dedicated to encouraging students interested in pursuing careers in the health and legal professions to make conscious and thoughtful plans about their future paths. We serve undergraduates, graduate students, and alumni of the Krieger School of Arts & Sciences and the Whiting School of Engineering. Office resources are available to students beginning in their first year. Visit our campus office in Garland Hall, Suite 300, or contact us at (410) 516-4140 and online at www.jhu.edu/~preprof.

What Should You Know About The Pre-Professional Community At Johns Hopkins?

Many undergraduates perceive pressure to have defined their professional goals during high school or even earlier. In a dynamic academic environment like Johns Hopkins, pre-professional students can feel obligated to approach their studies in a prescribed manner, become involved in particular extra-curricular pursuits, adhere to a designated timeline, and make every decision with the professional goal in mind. We recommend that students focus on the many unique opportunities for undergraduates at Johns Hopkins, in Baltimore, and internationally through off-campus study, rather than viewing their time at Johns Hopkins as merely a means to achieving their professional goals. Additionally, a significant percentage of applicants from Johns Hopkins choose to delay their application to health professions and law school until after their senior year, allowing their senior year accomplishments to impact their application and taking advantage of one or more years post-graduation to engage in additional life experiences and further explore their motivations for entering a particular professional field.




Preparation for Medical and Other Health Professions Schools

What Do Medical And Other Health Professions Schools Look For In An Applicant?

The environment in which health professionals work demands a high level of intellectual and interpersonal abilities. This means that admissions committees at health profession schools evaluate applicants in a multifaceted way. While no two schools or programs look for exactly the same things, some of the desired characteristics include:

- **Academic ability.** Admissions committees want to be sure that the individuals they accept into their schools can survive the rigorous curriculum, which will include a more difficult science course load than most students experienced as undergraduates.
- **Orientation to learning.** Students who are intellectually curious and adept, can solve complex problems, and are interested in lifelong learning will fare well in the health professions. With the rapid advances in technology, facts learned in a health professional school education may become obsolete as soon as they are learned. A successful student must learn how to learn and be interested in continuing to do so.
- **Interpersonal skills.** Health professionals need to be able to effectively relate to a broad spectrum of people, treating all of their patients with respect, empathy, and compassion as well as with an open mind and a willingness to help. It is important for future applicants to health professions school to engage in experiences (e.g., volunteer experiences) that allow them to interact with diverse populations that are representative of the patients they will be treating as health professionals, rather than only interacting with others who come from similar backgrounds to their own.

- 
- **Motivation for your future career.** Health professions schools seek students who will enjoy their careers and who will be leaders within their fields.
 - **Intangible qualities.** There is no particular “ideal” candidate for health professions schools, but there are some personal qualities that tend to lead to success in the health professions. For example, according to the 2007-2008 edition of Medical School Admission Requirements (the official admission guide of the Association of American Medical Colleges), these qualities include:
 - maturity
 - concern for helping others
 - character and integrity
 - intellectual curiosity and enthusiasm
 - self-discipline
 - motivation and persistence
 - judgment
 - resilience
 - empathy
 - leadership skills
 - communication skills
 - experience with, and knowledge of, medicine



What Academic Program is Most Appropriate to Pursue?

There is no single correct way of preparing for health professions fields. All students are encouraged to plan a program of study that best suits their interests and goals. No academic major is inherently more appropriate than another. Moreover, health professions do not require applicants to have any specific major. Rather, they seek well-rounded students with solid preparation in the sciences, a record of high academic achievement, and some basic preliminary exposure to healthcare (such as volunteering in a clinical setting).

Pre-health students must plan to meet the admissions requirements of the health professions schools in which they are interested. Requirements vary somewhat from program to program, so it is wise to research the requirements at specific programs and schools. The set of courses listed below will generally satisfy the requirements of many health professions schools.

- 1 yr. of general chemistry with associated labs
- 1 yr. of organic chemistry with one associated lab
- 1 yr. of biological science coursework with associated labs
- 1 yr. of general physics with associated labs
- 1 yr. of English (composition and/or literature)
- 1 yr. of mathematics (calculus is required by a small number of schools; and/or statistics)
- 1 sem. of biochemistry (required by 30+ schools) with associated lab

Students receiving AP credit for biology, chemistry and physics will be required by many health professions schools to show supplemental college level coursework in the subject areas in which AP credits are awarded. Generally, a year of biological science coursework with labs will be expected regardless of AP credits. First-year students with AP credit in one of the prerequisite sciences are urged to begin science coursework at Johns Hopkins in a different introductory level science rather than choosing an intermediate course in the area of the AP credit for their first college experience with science. A student's choice of major, as well as the strength of his/her background, will influence decisions regarding AP credit. Be sure to speak with a Pre-Professional Advisor or an advisor in the Office of Academic Advising to determine whether your coursework is compliant with health professions schools requirements.

Because the standardized tests for graduate and professional schools (MCAT, DAT, OAT, GRE) will stress verbal reasoning and English composition, your non-science courses should include those that hone your abilities in dense reading, critical reasoning, and expository writing.



What About Study Abroad?

Studying abroad during your time at Johns Hopkins can be very rewarding both academically and personally. An overseas experience can complement and enhance both your general program of study and your pre-health interests. Moreover, fluency in a language other than English and cross-cultural experience can enhance your application to a health profession school.

Many students with specific pre-professional interests can, with careful planning, arrange for a semester or a year of study abroad during their four years at Johns Hopkins. Summer study abroad programs also offer an opportunity to gain cross-cultural skills, participate in a health related internship program (though your study abroad experience need not be health-related), and improve one's foreign language abilities. Premedical students who wish to study abroad should begin planning early and may need to arrange their time away from JHU around the application process to health profession school.

Preparation for Law School

If you think law school is in your future, your undergraduate career should fit your personal talents and interests as well as demonstrate academic rigor. Most law schools are not necessarily impressed by "law" related courses taken at the undergraduate level, as they are vastly different from those offered in law school. Focusing on "law" courses as an undergraduate may not allow the breadth and depth of challenging course work otherwise available – and may result in a less enjoyable undergraduate experience.


Law schools do not, as a rule, have specific academic requirements for admission, but they are usually impressed by applicants who can demonstrate that they have challenged themselves in a diverse course of study. Since law school admission is extremely competitive, it is important to compile a strong undergraduate record. Plan to take courses of genuine interest to you, as your best performance should result. With the complexity of legal issues today, both nationally and internationally, a broad liberal arts curriculum is the preferred preparation for law school.

Students enter law school from widely differing educational and experiential backgrounds. As undergraduates, some have majored in subjects considered to be traditional paths to law school:

- History
- English
- Political Science
- Philosophy
- Economics
- International Relations

Other successful law students have focused their undergraduate studies in areas as diverse as:

- Art
- Engineering
- Computer Science
- Music



Your choice of an undergraduate major is less important than the development of important skills and values that can be acquired prior to law school, including:

- Analytic and problem-solving skills
- Critical reading abilities
- Writing skills
- Oral communication and listening abilities
- General research skills
- Organization and management skills
- The values of serving the interests of others while promoting justice
- Foreign language skills

Types of knowledge that can be useful in resolving disputes include:

- Grounding in economics
- Broad understanding of history
- Fundamental understanding of political thought
- Basic mathematic and financial skills
- Basic understanding of human behavior
- Basic understanding of ethical theory and theories of justice
- Understanding of diverse cultures within the United States and international issues - consider studying abroad!
- Excellent interpersonal skills and an overall interest in helping others

When considering extracurricular activities, law school admissions committees look for significant leadership ability and comprehensive activity. A long term commitment to one or two activities of importance to you is more impressive than a long list of affiliations.

Come And Meet With Us

The Office of Pre-Professional Programs and Advising serves as a resource, providing advising and support throughout a student's entire undergraduate career, whether it be information about course selection, volunteer involvement, application strategies, legal and health internships, or information on the health professions and law school application process. Please stop by 300 Garland Hall to meet our staff and check out our library and resources. Link: www.jhu.edu/preprof.



STUDY ABROAD

Students at Johns Hopkins may study abroad at many other universities and programs throughout the world. Typically, students study abroad during their junior year, during the summer, or during the first semester of the senior year. In addition to programs offered through other institutions, Johns Hopkins offers programs of its own through the Sciences Po French Exchange, the Berlin Consortium, the Bologna Center of the School of Advanced International Studies, and the Madrid Semester Program in Spain. Several intersession programs have been offered in the past and have included trips to Florence and the Galapagos islands.

FREQUENTLY ASKED QUESTIONS

When is the best time to study abroad?

Any summer, junior year, or senior fall semester.

When is the best time for pre-meds to study abroad?

Any summer or junior fall semester, in programs where an American university transcript is provided.

How many credits may I earn abroad?

While studying abroad, Hopkins students may earn up to thirty credits per year (15 per semester). These credits are not counted as part of the 12 transfer credits to which undergraduates are limited.

If I study abroad in the summer, how are these credits counted?

Credits earned while studying abroad during a summer are considered to be part of the total of thirty credits that may be earned abroad. These credits are not counted as part of the 12 transfer credits to which undergraduates are limited.

What does it cost to study abroad?

For non-JHU programs, students pay the program fee and 10 percent of JHU current tuition. For JHU programs, students pay only JHU tuition. For CIEE (Council on International Educational Exchanges) and IES (Institute for the International Education of Students) students may choose between JHU tuition and non-JHU tuition.

Is financial aid available?

Federal loans and grants are transferable to all approved programs. Financial aid decisions may be discussed with the Study Abroad Office.

Are scholarships and loans available?

- Boren Scholarships (competitive) are available for study in non-European countries (excludes English-speaking countries and Western Europe).
- Freeman Scholarships (competitive) are available for the Far East (but exclude Australia and New Zealand).
- Bridging scholarships are available for Japan.

- The German Academic Exchange Service (DAAD) offers scholarships to highly-qualified undergraduate students for study abroad in the Federal Republic of Germany.
- Rotary Scholarships must be applied for in the freshman year. Direct enrollment in a foreign university is required.
- Vredenburg Scholarships are available for Engineering students during the summers following sophomore and junior years.

What programs are approved?

JHU approval is based upon faculty approval. A few programs are approved only for summer. Programs from community colleges are not approved after matriculation.

Where may I study abroad?

Some programs are restricted by prior language acquisition. But generally, there is the whole world out there!

What are the Johns Hopkins academic requirements for study abroad?

For academic year programs, a GPA of 3.0 the semester before leaving is a requirement. Good academic standing is required for summer programs. Individual programs have their own eligibility rules.

What kinds of programs may I attend?

Direct enrollment in a foreign university (or through an intermediary who will supply an American transcript) is permitted. "Island Programs" are available with limited university enrollment or no university enrollment. See Dr. Aranow.

Where can I get more information?

Visit the Study Abroad Office on the Hopkins campus.

Online, go to the web site: <http://www.jhu.edu/~advising/StAbd.htm>.


Engineering students should also speak to Steph Schreckinger in the Office of Engineering Advising (126 New Engineering Building).

STUDENT LIFE

The Office of the Dean of Student Life, located in Levering Hall, is directly responsible for many of the co-curricular programs on campus. The dean and her staff are accessible advocates for both the individual and group needs of students. In addition to serving both undergraduate and graduate student populations, the office works with the dean of enrollment and academic services, the academic deans, and central administration to improve the quality of student life.

Dean of Student Life: Susan K. Boswell

Associate Dean of Student Life: Dr. Ralph Johnson (Student development and programming)



Associate Dean of Student Life: Dorothy Sheppard (Orientation and judicial affairs)

Their website, located at www.jhu.edu/studentlife, provides an introduction to all of the opportunities to become involved in campus life.

SPECIAL OPPORTUNITIES

STUDIO ART

The Art Workshops provide a studio environment in which undergraduates can pursue their creative interests in a visual arts program. All courses are taught in the Mattin Center studios. Courses include drawing, painting, cartooning, mixed media, design, and photography. Space is limited, and only a few students are able to take the courses during the first year.

Students who wish to pursue more advanced studio art training are eligible to register for one course each semester at the Maryland Institute College of Art through the cooperative program that we have with other local schools. To register for courses at the Maryland Institute College of Art, you must complete a cooperative school supplementary registration form, available from the Registrar's Office or the advising offices and obtain the approval of an academic advisor.


PEABODY CONSERVATORY

The Peabody Institute, consisting of the Preparatory (beginning and intermediate studies) and the Conservatory (advanced studies), is a division of the university located approximately two miles south of the Homewood campus in downtown Baltimore. Shuttle bus service is available between the two campuses.

LESSONS AT PEABODY

The more dedicated Homewood musician may take Conservatory classes and/or lessons (for credit) on a space-available basis through cross-registration. There is a fee per semester for lessons. **Students taking lessons for the first time at Peabody must complete a Peabody Registration Application Form. If you intend to take lessons this fall in the Peabody Conservatory, please see the OAA web site www.advising.jhu.edu for the appropriate forms.** Forms are also available on campus in the Homewood Registrar's Office and in the Office of Academic Advising. Because these offerings are extremely popular, there may be a limit on enrollment, depending on space available.

In order to take private lessons at Peabody Conservatory, you will need an audition to determine your level of placement. Students will be contacted by the instructor. Private lessons in the Conservatory earn credit toward the Hopkins degree. The assignment of students to instructors is determined by the Peabody Conservatory.



If you are not accepted in the Conservatory for lessons, you may take lessons through the Peabody Preparatory. Students who take lessons in the Preparatory do not earn credit toward graduation. Hopkins undergraduates pay 75 percent of the published fees for these lessons.

PERFORMANCE GROUPS AT PEABODY

Homewood students are invited to audition for the Peabody Chorus and the Peabody Jazz Big Band. Chorus and Big Band auditions are typically held at Peabody in early September. A few chairs may be open in the other Peabody large ensembles, which include the Peabody Symphony Orchestra, Peabody Concert Orchestra, Peabody Camerata, and Peabody Wind Ensemble. All students seeking to audition for large ensembles other than Chorus must be enrolled in studio lessons in their instrument at Peabody. For audition information call the Peabody Ensemble Office at (410) 659-8142 no later than August 15.

Note: Other music performance groups are located on the Homewood campus, including the Hopkins Symphony Orchestra, the Hopkins Concert Band, Flute Choir, and numerous a cappella groups. Auditions are held in the fall. More information about these groups will be available at the Student Activities Fair during Orientation.

COMBINED BA/MA AND COMBINED BS/MS PROGRAMS

Several departments and institutes offer undergraduates the opportunity to complete some of the requirements for a master's degree while working on their bachelor's degree. Combined four-year BA/MA and combined four-year BS/MS programs for selected students who qualify for early admission to the graduate school are offered in several departments. Fifth year programs are also offered. See the Hopkins catalog for availability.

ACADEMIC COOPERATIVE PROGRAM

A number of Baltimore area schools, such as Goucher College and Towson University, participate in a cooperative education program agreement with Johns Hopkins. This program allows students to take courses free of charge at member institutions. Most schools restrict cooperative registration to their day programs. It is limited to sophomores, juniors, and seniors who are registered as full-time students and only courses that are substantially different from courses offered on the home campus may be taken through the cooperative program. Students typically use this opportunity to explore fields with limited course offerings on the Hopkins campus.



SAIS

The Paul H. Nitze School of Advanced International Studies (SAIS), a division of the Johns Hopkins University, is located in Washington, D.C.

Johns Hopkins undergraduates have three programs available to them to explore opportunities at SAIS: the BA/MA program, a semester at SAIS, and the Bologna program. These programs all have competitive admissions requirements. For more information, contact Dr. Steven David at (410) 516-7530.

SCHOLARSHIPS AND FELLOWSHIPS

The Office of Academic Advising helps undergraduates win national scholarships such as the Fulbright, Goldwater, Javits, and Rhodes. These scholarships can fund undergraduate and/or graduate study, international travel (including undergraduate study abroad), academic research, and public service projects. Please visit our web site at www.advising.jhu.edu for a listing of those we support and links to hundreds of others. Note the listings "by year" showing that you can apply for different scholarships each year at Hopkins. Please make an appointment to see Dean John Bader, the primary scholarship advisor, or speak to your academic advisor.

BUSINESS

Students who are interested in business careers should learn about the numerous career paths in business and plan their academic studies and co-curricular activities to develop skills and gain experiences that will make them marketable to future employers. Essential skills and knowledge are more important to employers than the field of study a student selects. In addition, students should plan on completing an internship or work experience related to their interests. Workshops and individual assistance through both the Office of Academic Advising and the Career Center can assist students in preparing for a career in business.

Departmental majors in foreign languages, Latin American or East Asian studies, economics, other social sciences, mathematical sciences, engineering, and the natural sciences provide good preparation either for direct entry into business or industry, or for graduate study in business. Johns Hopkins does not offer an undergraduate major in business but does offer an undergraduate minor in entrepreneurship and management. The W. P. Carey Program in Entrepreneurship and Management, based in the Center for Leadership Education, offers courses in financial accounting, managerial accounting, business law, corporate finance, business ethics, entrepreneurship, negotiation and conflict management, and process and quality management.



BECOMING A TEACHER

Students interested in a teaching career may fulfill requirements for teaching certification while completing requirements for their undergraduate major. They may enroll in a master of arts in teaching (M.A.T.) program through the School of Education at the Johns Hopkins University. This is a program leading to early childhood, elementary, or secondary school certification. Although this 39-credit master's program is primarily designed for individuals with a bachelor's degree in the sciences, mathematics, social sciences, or English, highly-qualified Hopkins undergraduates may be considered for early admission during their junior or senior years. Students who qualify for early admission may take up to nine graduate credits before receiving their bachelor's degree and may complete the remaining requirements at the graduate level during a fifth year of study. This program qualifies individuals for certification as early childhood, elementary, or secondary school teachers in Maryland and in many other states.

PREPARATION FOR GRADUATE SCHOOL


Students who are interested in graduate schools should seek the advice of their faculty advisors and other faculty members in the discipline which they hope to study. Professional advisors are able to discuss the graduate school application process and to help students decide whether graduate school makes sense for them. The Office of Academic Advising also publishes a manual for students who are interested in graduate school and maintains a library of selected catalogs from graduate schools across the country and other materials useful in the selection of graduate schools, such as the Peterson's Guides to Graduate Study.

ROTC

Enrollment in the Johns Hopkins University Department of Military Science ROTC Program prepares students for full- and part-time careers in the U.S. Army and its Reserve Forces, as well as providing leadership and management skills valuable in any profession. Freshmen interested in finding out about the military profession should enroll in a Military Science course. Contact the professor of military science at (410) 516-7474 for enrollment procedures and scholarship information.

SEMESTER IN DC

The Aitchison Public Service Undergraduate Fellowship in Government offer students the opportunity to spend a residential semester in Washington, D.C., earning academic credits and internship experi-



ence in the nation's capital. Fellows stay in the Boston University Washington Center in DC's Woodley Park neighborhood, convenient to the Metrorail system and just a few blocks away from the National Zoo and other sights. Fellows attend classes taught by Hopkins faculty, and complete an internship and research project. Applications for the program are accepted in January and March for either semester of the upcoming year. For more information, visit the program's website at http://web.jhu.edu/polysci/aitchison_fellowship.html.

NURSING

Hopkins undergraduates interested in nursing may want to consider earning the typical nursing school prerequisites during their first two years, and then taking advantage of an agreement with the Hopkins School of Nursing. Students who complete the required courses and have a GPA of 3.0 after two years in the Krieger School of Arts and Sciences are competitive transfer candidates to the School of Nursing, allowing them to complete their BS in Nursing in four years. Other students may consider second-degree nursing programs or accelerated nursing programs after completing their undergraduate degree.

Due to the number of required prerequisites, students considering transferring to the School of Nursing or any nursing program should begin the courses in their first semester. A typical first-semester schedule is listed below. For more information, students should make an appointment in the Office of Academic Advising during their first semester at Hopkins.

Fall Semester of Freshman Year:

General Biology I, 4 credits

General Biology Lab I, 1 credit

Introductory Chemistry I, 3 credits

Introductory Chemistry Lab I, 1 credit

Expository Writing, Bioethics, Intro to Psychology, Intro Sociology, Statistical Analysis I, literature, history of art, music history or a humanities or social science elective, 6-7 credits

15-16 credits total

Please note: It is more important for a student considering nursing to complete these requirements versus the Calculus requirement for other Hopkins science majors. If a student opts to complete a four-year degree, math requirements can be completed later, but delaying the above classes prevents a student from completing the nursing requirements in two years if he/she is interested in transferring to a bachelor of science in nursing program.



CAMPUS RESOURCES LISTING

CAMPUS SECURITY

Campus Security Officers patrol Homewood and the surrounding neighborhood. The Security Office also runs a shuttle service which is available from 5pm to 2am to run students anywhere within a mile of campus. See the route shuttles webpage for more information:

<http://www.jhu.edu/security/#escort.htm>

www.jhu.edu/~security/

Phone: non-emergency (410) 516-4600 emergency (410) 516-7777

escort service (410) 516-8700

Shriver Hall, Ground Floor

CAMPUS TUTORING (Please see Academic Assistance on page 28.)

The Office of Academic Advising provides drop-in and small group tutoring for the most requested courses. Tutors are available at regularly scheduled times and locations to meet with students who need help. A list of all drop-in tutoring subjects, times and locations is available in the Office of Academic Advising (3rd floor, Garland Hall) and in the Office of Engineering Advising (126 New Engineering).

Individual and group tutoring is also available for courses across the curriculum through the Office of Academic Advising. There is such a heavy demand for tutors in certain courses that priority for individual tutoring is given to students who have documented learning disabilities, who are on academic probation, or who have earned a grade of C or below in a prerequisite or related course.

Tutoring Coordinator Marsha McCormick

Phone: (410) 516-4839, Fax: (410) 516-4040

E-Mail: mmcc@jhu.edu

CAREER CENTER (Please see Career Center on page 30.)

The Career Center has a number of career counselors on staff to assist students in formulating long-term academic and career plans. Interested students should contact the Career Center at (410) 516-8056 for information and appointments.

Director Mark Presnell

www.jhu.edu/~careers


Phone: (410) 516-8056, Fax: (410) 516-5357

E-Mail: career@jhu.edu

Garland Hall, 3rd Floor

COUNSELING CENTER (Please see Counseling Center on page 31.)

The Counseling Center provides mental health counseling, career counseling, group therapy, psychiatric consultation, and on-call



night and weekend services. Services are free and confidential as prescribed by law.

Director Dr. Michael Mond

www.jhu.edu/counselingcenter

Phone: (410) 516-8278, Fax: (410) 516-4286

358 Garland Hall

CAMPUS MINISTRIES

Chaplains and Campus Ministers have a unique role in a campus community. They seek to be both spiritual supporters and active participants in the life of the university. It is not uncommon that one might encounter a chaplain, campus minister, or rabbi at a religious service. However, it is also just as likely that one might run into them at a lecture, an athletic event or just hanging out in Café Q. They are open-minded, open-hearted and thoroughly committed to your religious and spiritual well-being.

www.jhu.edu/chaplain

chaplain@jhu.edu

Phone: (410) 261-1880, Fax: (410) 261-1212

Bunting-Meyerhoff Interfaith and Community Service Center

CENTER FOR SOCIAL CONCERN

The Center for Social Concern emphasizes the value of service with others, rather than the concept of service to others. The office has, under its direction, over 50 student-run volunteer groups serving the diverse needs of Baltimore City and, more specifically, the areas surrounding the Homewood campus. Contact the CSC office to get involved and make a difference in your community!

Director Bill Tiefenwerth

www.jhu.edu/csc or volunteer@jhu.edu

Phone: (410) 516-4777

Levering Hall, Suite 200

DEPARTMENT OF STUDENT DEVELOPMENT AND PROGRAMMING

This department houses the offices of Student Involvement, Multicultural Student Affairs, Greek Life, and the Homewood Arts Programs.

Associate Dean of Student Life Ralph Johnson

Phone: (410) 516-2224

Mattin Center

<http://web.jhu.edu/studentprograms>



DINING SERVICES

For questions about JHU meal plans, programs and services, diet restrictions, etc.

Director of Dining Services Dave Furhman

Phone: (410) 516-7960

<http://jhudining.com/index.html>

DISABILITY SUPPORT SERVICES (Please see Disability Services on page 30.)

The university provides reasonable academic accommodations for students with documented disabilities. Students who would like to request these services should contact Dr. Richard Sanders in the Office of Academic Advising, Garland, Suite 3A, 410-516-8216 and visit our Web site at www.jhu.edu/disabilityservices. Information about these disabilities will remain confidential unless a student chooses to release this information. Students may also contact the University Disability Services Director, Peggy Hayeslip, at 410-516-8075.

Dr. Richard Sanders, Director of Academic Advising at (410) 516-8216

Garland Hall, Suite 3A,

(For Students in Arts and Sciences and Engineering Schools).

For general questions regarding Disability Support Services, contact Peggy Hayeslip, at (410) 516-8075 and fax (410) 516-5300 (phayeslip@jhu.edu)

HEALTH EDUCATION AND WELLNESS

This office, separate from the Student Health and Wellness Center, is available to provide information on health education. Their website is a very helpful tool.

<http://www.jhu.edu/~health>

Phone: (410) 516-8396, Fax: (410) 516-8396

AMR II, Room 0223

Hours: Mon-Fri 9am-5pm

HOMEWOOD ARTS PROGRAM

The Homewood Arts Programs provide opportunities for the artistic growth of Johns Hopkins students as they take classes in Fine Arts, Music, and Theater and participate in the activities of the various student arts groups. The Program offers a number of a capella groups, band, dance groups etc. Please look at their website to see if anything piques your interest.

Director Eric Beatty

<http://webapps.jhu.edu/hsa/hap/index.html>

Mattin Center



HOPKINS INFORMATION TECHNOLOGY SERVICES (HITS)

When arriving at college students for the first time, most students are overwhelmed by the computing resources available to them. In an effort to alleviate some of this confusion, Student Technology Services has organized the annual JumpStart program. The JumpStart packet will be sent to students in mid June. It will contain detailed information about the Johns Hopkins University computing resources, shared network systems and the Mobile Computing Program. Additional information about JumpStart is located at <http://jumpstart.jhu.edu>.

Garland Basement

HOUSING OFFICE

Freshmen and sophomores are required to live on-campus and are housed in the campus residence halls. For information on AMR I and II and Buildings A and B, call (410) 516-8282. For information on Wolman and McCoy Halls, call (410) 516-7960.

Additional information is available at: www.jhu.edu/~hds

MULTICULTURAL STUDENT AFFAIRS

The Office of Multicultural Student Affairs works to promote a campus and community environment in which minority students can prosper academically and socially through the full utilization of all University services. In addition, the office promotes an understanding of and an appreciation for the cultural and ethnic diversity in the community.

web.jhu.edu/studentprograms/multicultural

Phone: (410) 516-2224, Fax: (410) 516-2227

The Mattin Center, Room 210

OFFICE OF ACADEMIC ADVISING (ARTS AND SCIENCES)

This office provides the following services for Arts and Sciences students: helping students with disabilities meet their academic needs, providing information about scholarships, fellowships, and study abroad programs, coordinating tutoring and study programs, and providing guidance for second majors and minors in arts and sciences.

Director Dr. Richard Sanders


www.advising.jhu.edu/

Phone: (410) 516-8216, Fax: (410) 516-4040

Garland Suite 3A

OFFICE OF ACADEMIC AFFAIRS (INCLUDES OFFICE OF ENGINEERING ADVISING)

The Office of Academic Affairs has general responsibilities for all engineering majors in the Whiting School. The Associate Dean and his staff coordinate student advising, maintain student records, and handle academic problems which fall outside the scope of the faculty advisor. The office also provides support for student organizations such as the Hopkins Organization for Minority Engineers and



Scientists (HOMES), the Society of Hispanic Professional Engineers (SHPE), the Society of Women Engineers (SWE), Engineers Without Borders/Engineers for a Sustainable World (EWB/ESW), and Tau Beta Pi, the national engineering honor society.

Associate Dean Andrew Douglas
Director of Engineering Advising Janet Weise
http://engineering.jhu.edu/academicaffairs/ug_advising_info/
Phone: (410) 516-7395
126 New Engineering Building

OFFICE OF THE DEAN OF STUDENT LIFE

The Office of the Dean of Student Life is responsible for many of the co-curricular programs on campus. The dean and her staff are accessible advocates for both the individual and group needs of students. Two associate deans support the dean – one in student development and programming and one with orientation and judicial affairs.

Dean Susan Boswell
<http://www.jhu.edu/studentlife/>
Phone: (410) 516-8208, Fax: (410) 516-4495
Levering Hall 102

OFFICE OF EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION PROGRAMS

This office was established to provide leadership for university efforts to promote institutional equity and a diverse university community. The office assures that the University's programs and procedures comply with federal, state and local laws and regulations as related to affirmative action and equal opportunity with special attention to disability issues. In addition, the office provides training efforts related to disability issues and sexual and other forms of harassment.

<http://www.jhuaa.org/index.html>
Associate Provost and Director Ray Gillian
Garland Hall, Suite 130

OFFICE OF INTERNATIONAL STUDENT & SCHOLAR SERVICES (OISSS)

This office assists students who are citizens of a foreign country and who are in the U.S. for a designated period of time for study. Other responsibilities include answering immigration questions and assisting students with adjustment to an American university environment.

Director Nicholas Arrindell
www.jhu.edu/~iiss/ or theworld@jhu.edu
Phone: (410) 516-1013, Fax: (410) 516-1018
3103 N. Charles Street



OFFICE OF PRE-PROFESSIONAL PROGRAMS AND ADVISING (Please see Pre-Professional Advising on page 36.)

The JHU Office of Pre-Professional Programs and Advising is dedicated to encouraging students to make conscious and thoughtful plans about their future paths. They serve undergraduates, graduate students and alumni in the Krieger School of Arts & Sciences and the Whiting School of Engineering.

Director Dr. David Verrier

www.jhu.edu/~preprof/

Phone: (410) 516-4140, Fax: (410) 516-4040

E-Mail: Preprofessional@jhu.edu

Garland Hall, Suite 3

OFFICE OF RESIDENTIAL LIFE

This office provides information and support for Hopkins students living in University housing. All Residential Advisors are a part of this program.

Director of Residential Life Shelly Fickau

Phone: (410) 516-8283

<http://www.jhu.edu/~reslife/>

AMR II

RECREATION CENTER

The O'Connor Recreation Center offers numerous activities, including intramural programs at the dormitory, fraternity, and independent levels, and fitness classes. The center includes a weight room, a fitness room, a gymnasium, racquetball and squash courts, a jogging track, a climbing wall, and a competition-sized pool. All facilities are available to students, faculty, and staff. Schedules of classes and other activities are available on the Recreation Center's homepage: www.jhu.edu/~recsport/

Director of Recreation Bill Harrington

Phone: (410) 516-5229

REGISTRAR'S OFFICE

The Office of the Registrar is responsible for the official academic records of the University. For each student an official transcript is maintained which records all courses in which the student has been officially enrolled. If a student wishes to have grades mailed to a home address, a student should complete a grade release form at the Registrar for each term.

www.jhu.edu/registrar

Phone: (410) 516-8600, Fax: (410) 516-6477

75 Garland Hall



SECURITY

See Campus Security

THE SHERIDAN LIBRARIES

Undergraduates have two main libraries available to them on the Homewood Campus. The Milton S. Eisenhower Library provides access to two million books and subscribes to 16,000 serials. Undergraduates may check out books for six weeks. Gilman Hall houses the Albert D. Hutzler Undergraduate Reading Room, commonly referred to as "The HUT," which is a collection of noncirculating materials for undergraduates open daily 24 hours during the fall and spring semesters.

www.library.jhu.edu

Phone: (410) 516-8335

STUDENT ACCOUNTS

This office is responsible for collecting tuition and other fees, and works closely with the Office of the Registrar and the Student Financial Services Office to coordinate registration and financial aid.

www.jhu.edu/~studacct/

Phone: (410) 516-8158, Fax: (410) 516-4322

Garland Hall, Room 31

STUDENT ACTIVITIES

The Office of Student Involvement is part of the Department of Student Development and Programming located at 210 Mattin Center on the Johns Hopkins University Homewood campus. This office advises nearly 200 Student Council-affiliated clubs and organizations and is responsible for the registration and recognition of over 300 overall clubs and organizations which exist at the University.

<http://web.jhu.edu/studentprograms/involvement>

Phone: (410) 516-2224, Fax: (410) 516-2227

Mattin Center, Suite 210

STUDENT EMPLOYMENT OFFICE

A one-stop assistance center for students seeking part-time employment while attending JHU. A computerized job search program can be accessed through their website.

Director D. Lynn O'Neil

www.jhu.edu/~stujob

Phone: (410) 516-8421

E-Mail: stujob@jhu.edu

72 Garland Hall



STUDENT FINANCIAL SERVICES (Please see Financial Aid on page 33.)

This office provides information on grants, scholarships, loans and work/study opportunities, as well as debt management counseling.

Director Ellen Frishberg

www.jhu.edu/finaid/

Phone: (410) 516-8028, Fax: (410) 516-6015

E-Mail: fin_aid@jhu.edu

146 Garland Hall

STUDENT HEALTH AND WELLNESS

The Student Health and Wellness Center provides comprehensive outpatient health services to Homewood students. The center notifies the Office of Academic Advising of student visits and those notices are kept on file. Emergency night and weekend phone consultation services with the on-call physician are also available by calling the Security Office at (410) 516-7777. Regular hours and other information are posted on their website.

Director Dr. Alain Joffe

www.jhu.edu/~shcenter

For Appointments call (410) 516-8270

Fax: (410) 516-4784

AMR II

STUDY ABROAD (Please see Study Abroad on page 42.)

Dr. Ruth Aranow, Senior Academic Advisor, Arts and Sciences

www.advising.jhu.edu/StAbd.htm

Phone: (410) 516-8216, Fax: (410) 516-4040

E-Mail: raranow@jhu.edu or advising@jhu.edu

Garland Hall, Suite 3A

Steph Schreckinger, Associate Director, Engineering Advising

Phone: (410)516-7395, Fax: (410)516-4880

E-mail: stephs@jhu.edu or wseadvising@jhu.edu


126 New Engineering Building

STUDY CONSULTANT PROGRAM (Please see Academic Assistance on page 28.)

The Study Consultant Program is designed to improve the academic performance of undergraduate students at JHU who desire to strengthen their academic skills, fulfill their potential or are having difficulty adjusting to the increased demands of college. Students who are willing to make the effort it takes to improve are excellent candidates for this program.

Study Consultant Coordinator Angela Ruddle

Phone: (410) 516-5506, Fax: (410) 516-4040



E-Mail: ruddle@jhu.edu
Garland Hall, Suite 3A

SUMMER PROGRAMS

<http://www.jhu.edu/summer>
Phone: (800) 548-0548 or (410) 516-4548
Hopkins Summer Programs
Wyman Park Building

VOLUNTEER SERVICES

See Center for Social Concern

WRITING CENTER

The Writing Center, a free tutorial service for all undergraduates, offers one-on-one help at any stage of the writing process. The Center is open from 2 pm to 10 pm, Sunday through Thursday, and is located in the Greenhouse 127.

Phone: (410) 516-4258
Email: writingcenter@jhu.edu

MAJORS AND MINORS

KRIEGER SCHOOL OF ARTS AND SCIENCES

AFRICANA STUDIES (Major and Minor)


An interdisciplinary major that spans the humanities, the social sciences, and science-based fields such as public health and environmental studies, Africana Studies encourages inquiry into the experiences of African peoples in Africa, the Americas, and elsewhere around the globe. The undergraduate major and minor offer students the opportunity to combine general courses in African, African American and African Diaspora Studies, with more intensive study and research in one of these subfields.

ANCIENT LAW (Minor Only)

This program treats law not as a technical profession but as a liberal arts subject, one of the major achievements of human civilization. It considers fundamental questions of law like, What is a contract? or What is a crime? by seeing them through the eyes of societies with legal systems utterly different from our own. The minor is an interdepartmental program of the Classics and Near Eastern Studies departments, covering Assyrian, Babylonian, Biblical, Egyptian, Greek, Hittite, Roman and Sumerian law, and more.

ANTHROPOLOGY (Major and Minor)

This discipline focuses on the comparative study of culture and society. Anthropologists explore the culture and social life of people all over the world to see what qualities human cultures share and



to understand their differences. We particularly focus on the challenges of our own moment in history: globalization and competition, changes in governance and law, scientific innovation, new diseases and medical interventions, and the dangers of turbulence and destitution. The faculty in Anthropology is widely recognized for their work on social inequality, race, class, gender, ethnic relations, identity, migration and public health.

BEHAVIORAL BIOLOGY (Major Only)

The behavioral biology program approaches the unique interaction between behavior and biology by trying to better understand how these two disciplines are related. By interpreting work from such cutting-edge research fields as sociobiology, pharmacology, and psychology, students involved in the program will gain an appreciation of how physical behavior can affect the chemistry and physiology of the brain and body, and vice-versa. In recognizing both these interactions, behavioral biology seeks to establish a greater understanding of them through its interdisciplinary organization.

BIOETHICS (Minor Only)

The bioethics minor program is designed to provide students with an understanding of the fundamental moral and philosophical issues surrounding the fields of medicine and public health.

BIOLOGY (Major Only)

Biology at the Johns Hopkins University emphasizes the relationship of structure to function in biological systems: how anatomical, cellular, and molecular structures are related to biological functions of development, regulation, movement, growth, and reproduction. Major areas of study include biochemistry, biophysical chemistry, genetics, molecular biology, cell biology, developmental biology, immunobiology, and neurobiology. Collaborative programs with other departments and with the School of Medicine and the School of Public Health provide a wide range of opportunities for research and customized learning.

BIOPHYSICS (Major Only)

Biophysics uses the concepts and instruments of the physical sciences to study biological systems and problems. Any biological problem that can be cast in physical terms is amenable for study in biophysics. Biophysics requires training in mathematics, physics, biology, and chemistry. The biophysics major therefore provides an excellent opportunity for a broad education in the sciences; in addition, the major emphasizes research, requiring students to work in a lab for two semesters.

CHEMISTRY (Major Only)

Chemistry at Johns Hopkins focuses on three cutting-edge areas of research: the development of new synthetic approaches and the application of modern chemical methods to biological problems, the study of physical properties of molecules such as adsorption and clustering, and the use of new computational techniques to understand



molecular behavior. The Department has strong programs in both undergraduate and graduate training with an emphasis on independent research at all levels of instruction.

CLASSICS (Major and Minor)

Classics is the study of ancient Greek and Roman culture in the broadest sense: language, literature, art, religion, mythology, gender, political thought, ethics and science. The discipline includes not only the study of cultures, but the study of their relationship to Western societies down to the present day. The Classics Department at JHU seeks to maintain a dialogue between ancient cultures and modernity, on the premise that the ancients often provide an illuminating background to contemporary debates.

COGNITIVE SCIENCE (Major Only)

The field of Cognitive Science is concerned with the study of mental capacities such as language, spatial cognition, learning, and memory. Students take courses in each of five subareas: Computation, Linguistics, Cognitive Psychology/Neuropsychology, Neuroscience, and Philosophy of Mind. Laboratory research with different populations offers excellent training for research careers in experimental psychology and cognitive science or for careers in medical fields such as neurology, language disorders, and clinical psychology. Training and research in theories of language processing provide a strong basis for careers in the explosive field of computer language processing or for leading-edge research in theoretical linguistics.

EARTH AND PLANETARY SCIENCES (Major Only)


This is the study of the physical, chemical, and biological processes that shape the Earth and the other planets. An understanding of these processes provides an appreciation of global environmental issues and a means for predicting future changes in our world. The undergraduate program allows students to tailor their course of study to meet their interests and objectives. Majors in the Earth and Planetary Sciences can follow tracks in geological sciences, geophysical sciences, or geoecology. Programs are also available for students planning careers in the health professions.

EAST ASIAN STUDIES (Major Only)

The East Asian Studies Department at JHU is multidisciplinary and interdepartmental, drawing on faculty from the disciplines of history, anthropology, history of art, Near Eastern studies, political science, international studies, and Asian languages. Its purpose is to provide the knowledge, research topics and methods, and language skills that will be needed to enter various specialized professions that deal with Asian affairs.

ECONOMICS (Major and Minor)

The economics major is designed to give students a professional-level grounding in the tools of economic analysis as well as a serious exposure to economic analysis of real-world issues. This discipline begins with the study of the basic components of the marketplace, both



at the macroeconomic level with its emphasis on economics at the national level—employment, inflation, and the gross national product—and at the microeconomic level—laws of supply and demand, allocation of resources, theories of the firm or consumer behavior.

ENGLISH (Major Only)

The English major offers students the opportunity to read and analyze the great heritage of literary works in English. Courses provide both the core of a liberal arts education and the basis for the advanced study of literature. Offerings range from historical surveys and introductory courses in critical method to advanced courses and seminars in particular periods, authors, genres, critical theory and literary issues.

ENVIRONMENTAL EARTH SCIENCES (Major Only)

This major is for undergraduates interested in a thorough study of the processes that shape Earth's environment, drawing on the disciplines of geology, geochemistry, hydrology, ecology, geobiology, oceanography, and atmospheric science. An understanding of these processes provides an appreciation of global environmental issues and a means for predicting future changes in our world. The undergraduate program allows students to tailor their course of study to meet their interests and objectives. Programs are also available for students planning careers in the health professions.

ENVIRONMENTAL SCIENCES (Minor Only)

This minor is designed for students from other science and engineering disciplines who wish a scientific introduction to the physical, chemical, and biological processes that control natural environments, while developing expertise in their major field.

ENVIRONMENTAL STUDIES (Minor Only)


This minor is designed for students majoring in international studies or other social science or humanities disciplines who wish a general introduction to the disciplines that are concerned with Earth's environment and an understanding of environmental issues.

FILM AND MEDIA STUDIES (Major and Minor)

Film and Media Studies is an interdisciplinary program incorporating courses in film and television history and theory, film and digital video production, and screenwriting. The study of film and media fosters critical understanding and historical knowledge of film and other forms of the moving image, as well as their relationship to culture, society, and the arts. Approaching film and media as enduring art forms, as artifacts of social and cultural import, and as vital means of creative expression, majors explore this most crucial component of how we see our world. The program provides a central unifying focus for film and media studies across the humanities at Hopkins.

FRENCH (Major Only)

Our French program explores a broad spectrum of ideas and movements. Language courses explore conversation, composition, civiliza-



tion, literature, literary theory and criticism, and film. The French faculty also teaches Legal French, Business French, and Francophone literatures. Students may design a program around their interests drawing upon faculty and cultural resources from a broad range of sources. Cultural activities (lectures, films, etc.) are frequently offered to the students by the Department.

FRENCH CULTURAL STUDIES (Minor Only)

The minor in French Cultural Studies is a continuation of the language studies. After completing the intermediate language courses, the student takes conversation and composition courses followed by a series of classes focusing on the culture of modern France.

FRENCH LITERATURE (Minor Only)

This minor allows the French student to hone their language and conversation skills while studying the great French classics of literature. Six class beyond the intermediate language classes are required.

GERMAN (Major and Minor)


The German program at Hopkins is designed to help students become proficient in both the language and culture of the country. From the earliest level of study, students are exposed to a wide range of resources including films, videos and readings that will help students learn to speak and read the language and better understand the German people. Hopkins participates in the Berlin Consortium for German Studies located at the Free University of Berlin which enables students to study for a semester or a year in Germany while earning credit at Hopkins.

HISTORY (Major and Minor)

History is the narration of the activities of people living in the past and the interpretation of their changing societies and cultures. The discipline of history also offers a means of understanding today's world through an investigation and analysis of its origins in the past. The department emphasizes original research and strongly encourages students to undertake a senior thesis supervised by a faculty member of the student's choosing. The program in history at Johns Hopkins carefully directs students in research methodologies while working intensively in the classroom with individual faculty to discover the richness, challenges and stylistic varieties of historical writings. Histories of Europe, the United States, Latin America, Africa and China are featured.

HISTORY OF ART (Major and Minor)

This major introduces undergraduates to the richness and complexity of art through training in research, analysis, and writing. Hopkins offers unsurpassed opportunities for the study of the history of art with faculty who are among the most distinguished in the field. Undergraduates work closely with leading scholars of ancient, Roman, medieval, Renaissance, baroque, and modern art in courses that focus on the methodologies of art history, beginning with the introductory survey and then progressing to more advanced courses



on specific topics and historical periods in ancient, European, and American art.

HISTORY OF SCIENCE AND TECHNOLOGY (Major and Minor)

This interdisciplinary program offers a bridge between the two cultures of science and the humanities. Courses combine an appreciation of the developments in science, medicine, and technology with an awareness of their cultural impact. It aims to produce graduates who are scientifically literate and technically competent, and who understand science and medicine not as static, self-contained enterprises but rather as modes of thought that have developed in specific historical and social contexts.

INTERNATIONAL STUDIES (Major Only)

International Studies seeks to understand why events occur the way they do throughout the world and their impact on peace and stability. The goal for students of international relations is both to develop an understanding of international political questions and to think critically about the economic, historical, and cultural dimensions of various countries, cultures, and conflicts. The major emphasizes political science, history, economics, and foreign language, and is one of the oldest international studies programs in the United States. The university's location in Baltimore and proximity to Washington, D.C. provide countless opportunities for research and internships.

ITALIAN (Major and Minor)

The Italian major focuses on language skills but also on the use of these skills for communication and enlightenment. Small classes offer the ideal environment for active participation and discussion. The program's flexibility encourages students to combine studies in other programs, such as history, anthropology, history of art, English, or film and media studies, with a major or minor in Italian. The department emphasizes intense reading of individual texts. Most courses beyond the level of basic language instruction are devoted to literature. The department sponsors a variety of on-campus activities, such as foreign films, lectures by visiting scholars, and informal conversation groups.

JEWISH STUDIES (Minor Only)

This interdisciplinary minor offers students an opportunity to explore the many dimensions of Jewish civilization, religion and culture from ancient times to the present.

LATIN AMERICAN STUDIES (Major and Minor)

This program concentrates on the history, culture, economy and politics of the countries of Latin America and the Caribbean basin. Under the close supervision of an advisor, students create an individualized program of study that focuses on a particular aspect of Latin America, or the history, literature, ecology, geography, and politics of a particular region. Courses draw on the expertise of professors in the Romance languages, anthropology, history, sociology, and political science departments.



LINGUISTICS (Minor Only)

The minor in linguistics takes advantage of the resources in the Department of Cognitive Science, which is internationally at the forefront in the study of human language and the field of theoretical linguistics. Courses are offered in all major areas of linguistics: syntax, phonology/phonetics, and semantics.

MATHEMATICS (Major and Minor)

Mathematics is fundamental to science and technology. It is a way of thinking—an art that ties together the abstract structure of reason and the formal development of the logic that defines the scientific method. Mathematics is based upon precise expressions, logical arguments, and the search for patterns and structure. Indeed, mathematics is essential to understanding the natural world. Our focus is to create and maintain a vibrant scientific environment, specializing in the mathematical fields of analysis, partial differential equations, algebraic/complex/differential geometry, mathematical physics, number theory, and topology.

MULTICULTURAL AND REGIONAL STUDIES (Minor Only)

This minor offers undergraduates a chance to concentrate on a region, population, or theme from a cross-cultural perspective. The minor requires the completion of 18 credits, and students are required to write a brief proposal outlining the intended program.

MUSEUMS AND SOCIETY (Minor Only)

This interdisciplinary program promotes the study of institutions that collect, preserve and interpret material culture. The minor examines traditional museums as well as exploring the roles of historic sites and monuments. Courses provide opportunities for students to develop meaningful connections with Baltimore's vibrant array of local and regional museums, through lectures by Hopkins faculty and local museum professionals, field trips, and hands-on museum opportunities.

MUSIC (Minor Only)

The music minor is for students who have some training and background in music and wish to pursue their interest in a systematic way without getting their degree in the field. It consists of a selection of music courses, including music history, theory, ensembles and/or lessons. Students interested in the music minor should contact the Krieger School of Arts and Sciences—not the Peabody Conservatory.

NATURAL SCIENCES AREA (Major Only)

This major is intended for students who want the opportunity to fashion a major according to their needs from appropriate upper-level courses in two different areas of natural sciences. The student is free to select the courses to be taken as long as the program forms a sensible, coherent whole.



NEAR EASTERN STUDIES (Major Only)

The Near Eastern Studies program offers a wide range of courses on the archaeology, cultures, history, religion, art, and literature of the ancient civilizations of the Near East, including Egypt, Israel, Syria, and Mesopotamia. Biblical Hebrew, modern Hebrew, and Arabic are available for study, in addition to Middle Egyptian hieroglyphs. Working closely with their advisors, students design individual programs to supplement the core of Near Eastern language study and ancient Near Eastern history.

NEUROSCIENCE (Major Only)

Research in the field of neuroscience is growing at an incredible rate and Hopkins is taking a leading position in the field, with faculty and researchers who study the nervous system at many levels. Their presence allows for innovative courses that offer a broad overview of the neuroscience field, as well as more advanced training and research opportunities. Neuroscience majors may specialize in one of three concentration areas: molecular and cellular, systems, or cognitive neuroscience. Students are required to gain valuable research experience in laboratories that could revolutionize our understanding of the brain and mind.

PHILOSOPHY (Major and Minor)

Philosophy is the rigorous study of the questions that keep a person up at night: "Can I be both good and happy?"; "Is euthanasia ever justified?" Contemporary philosophers try to understand, evaluate, and improve on the answers people have given to such questions in the past and to consider the new problems presented by the evolving world around us. Philosophy majors at Hopkins enjoy small classes taught by dedicated faculty. The required courses acquaint students with philosophical developments in key historical periods and with central arguments on important topics, while electives give students the chance to study particular philosophers in more depth, or to explore questions of special interest to them, such as the relation between belief and knowledge, or the distinction between law and morality.

PHYSICS AND ASTRONOMY (Major and Minor)

Physics is the science that seeks to understand the material universe at its most fundamental levels. It is the discipline that deals with the nature of space and time, matter and energy, simplicity and complexity. Hopkins' Department of Physics & Astronomy offers the best aspects of a top research university, renowned faculty and state-of-the-art facilities, together with the more intimate learning environment typical of small liberal arts colleges. Students develop a solid foundation in small classes designed specifically for physics majors and participate in research projects at the forefront of astronomy, condensed matter physics, and particle physics. Recent students have mapped the universe with unprecedented detail, built new materials atom by atom, and studied quarks at accelerators in the United States and Europe.


POLITICAL SCIENCE (Major Only)

Political science is the study of governmental institutions, political processes, and political behavior. Hopkins' undergraduate program offers a broad range of courses about politics and government at local, state, national, and international levels, with an emphasis on American politics, comparative government, international relations, political theory, urban politics, and public policy. Outside the Homewood classroom, advanced students have access to opportunities for internships in nearby Washington, D.C. as well as courses at the Nitze School of Advanced International Studies (SAIS).

PSYCHOLOGY (Major and Minor)

The Department of Psychological and Brain Sciences seeks answers to the most fundamental questions of behavior. The Department of Psychological and Brain Sciences stresses methodology for the investigation of the biological and psychological processes underlying animal and human behavior, with special emphasis on psychobiology, cognitive psychology, personality, social psychology, and quantitative psychology. Also available are an honors track and an accelerated BA/MA degree program.

PUBLIC HEALTH STUDIES (Major Only)


Public health is society's organized effort to protect, promote, and restore people's health. Students in Public Health Studies choose either a natural sciences or a social sciences emphasis. The concentration in natural sciences prepares students for careers in medicine with coursework in organic chemistry, molecular cell biology, statistics, and public health. The program in social sciences emphasizes the health care delivery aspects of public health, with coursework in economics, sociology, statistics, biology, and public health. All seniors take electives in the graduate program at the Hopkins Bloomberg School of Public Health.

RUSSIAN (Second Major Only)

The Russian Program offers a range of literature, culture, and translation courses designed to accommodate both non-native speakers and heritage learners. With its dedicated faculty, small classes, a flexible curriculum designed to accommodate both beginning and advanced students, wide-ranging cultural activities, and study-abroad opportunities, the Russian Program is strategically poised to enable learners of Russian to prepare themselves to meet the exciting global challenges of the new millennium. This major may complement any other major on campus but cannot be a student's primary major. Some courses for this major may be completed at Goucher College, part of our Academic Cooperative Program.

SOCIOLOGY (Major and Minor)

Why do children in different kinds of family contexts experience different levels of success at school? What factors account for racial and ethnic differences in health outcomes? How can we understand



wealth differences across countries? Sociology, as distinct from other social science disciplines, pays particular attention to social context as a factor in group dynamics and institutional functioning. A sociological perspective addresses group differences and the processes that sustain them, often focused on social inequalities. Students are exposed to sociological theory, methods, and social statistics and choose from a wide range of courses that address important contemporary issues.

SPANISH (MAJOR ONLY)

The Spanish major program focuses on language skills, history, culture, and society. Small classes offer the ideal environment for active participation and discussion. The program's flexibility encourages students to combine studies in other programs, such as history, anthropology, history of art, or film and media studies, with a major or minor in Spanish. Most courses beyond the level of basic language instruction are devoted to literature, from historical and critical perspectives. Selected students will spend a semester studying abroad in Hopkins' Madrid program.. The department also sponsors a wide variety of on-campus activities, such as foreign films, lectures by visiting scholars, and informal conversation groups.

SPANISH FOR THE PROFESSIONS (Minor Only)

This Spanish minor focuses primarily on advanced language development skills.

SPANISH LANGUAGE AND HISPANIC CULTURE (Minor Only)

Like the other Spanish minor, this minor requires extensive language skills, however is also requires the student to broaden their knowledge of Spanish and Latin American culture and society.

THEATRE ARTS (Minor Only)


The program offers a comprehensive approach to the arts of acting, directing, and playwriting along with the fundamentals of technical direction, play production, play analysis, theatre management, and theatre history.

WOMEN, GENDER AND SEXUALITY (Minor Only)

This minor promotes interdisciplinary scholarship on women, gender, sexuality, and related issues. Students may begin exploring the minor by taking a 100- or 200-level course cross-listed with the Studies of Women, Gender, and Sexuality Program and seek further advice about course selection early in their academic careers.

WRITING SEMINARS (Major and Minor)

Imaginative writing is a conversation we have with our fellow humans. Through literature, we learn what it's like for others to live in the world. Learning how to write a poem or story--to convert our own experience into a shaped narrative or arresting metaphor--is to send back to the world our own report. The Writing Seminars at JHU enables undergraduates to learn from prominent writers while developing their own voices. Students may work on fiction, poetry,



screenwriting, science writing, literary journalism, and/or media studies. Majors ground their studies in a range of courses in literature, philosophy, history and language.

WHITING SCHOOL OF ENGINEERING

APPLIED MATHEMATICS AND STATISTICS (Major and Minor)

The programs of the department emphasize mathematical reasoning, mathematical modeling and computations, abstractions from the particular, innovative applications of mathematics, and development of new methodology. Students in this department often have an interest in how mathematics is used to estimate risk and to optimize decision making.

BIOMEDICAL ENGINEERING (Major Only)

BME students integrate knowledge from sciences, mathematics and engineering to solve problems in living systems. The curriculum challenges students to analyze problems from both engineering and biological perspectives. A concentration in one of the following disciplines is required for the major: chemical engineering, computer science, computer engineering, electrical engineering, materials science and engineering, or mechanical engineering.

CHEMICAL AND BIOMOLECULAR ENGINEERING (Major Only)

The undergraduate program emphasizes the molecular aspects of biology and chemistry along with the engineering concepts essential to solving problems. Students have the opportunity to concentrate in either Interfaces and Nanotechnology or Molecular and Cellular Bioengineering.

CIVIL ENGINEERING (Major and Minor)

Students in civil engineering have a diverse curriculum which provides a strong foundation in structural, geotechnical, materials, and environmental engineering. Electives allow for study in coastal/ocean engineering or preparation for further study in architecture.

COMPUTER ENGINEERING (Major Only)

Students in this department are challenged to develop intricate systems that integrate computers and electronics. The development of analytical, computational and experimental skills encourages a high level of problem solving. Computer engineering is concerned with the design and application of analog and digital devices and systems, including computer systems.

COMPUTER SCIENCE (Major and Minor)

The field of computer science is pervasive. There is a need to revise and update how to process and transport information as a result of new equipment with higher memory capacities and faster performance. Students are encouraged to choose courses based on personal interest and goals.



ELECTRICAL ENGINEERING (Major Only)

Electrical Engineering is concerned with a wide variety of topics in signals, systems and communications, solid state and quantum electronics, and computer hardware.

ENGINEERING MECHANICS (Major Only)

A major in Engineering Mechanics allows students to create a program tailored to their interests. In biomechanics, a concentration within this major, students study the interplay between forces and motion as related to biological systems.

ENTREPRENEURSHIP AND MANAGEMENT (Minor Only)

Students who are interested in management positions or who want to transform a great idea into a successful company should consider this minor. An understanding of the world of business-intellectual property, corporate financing, business law, marketing-can provide a strong foundation for leadership in many fields.

ENVIRONMENTAL ENGINEERING (Major and Minor)

This department is dedicated to the study and amelioration of Earth's environmental problems. The highly interdisciplinary program is intended to provide a strong foundation in the basic sciences and mathematics, in order to analyze and engineer solutions.

GENERAL ENGINEERING (Major Only)

This major is ideal for a student who wants to be technically educated, but who doesn't plan to pursue a career as a practicing engineer. The program can be adapted to meet individual goals for graduate study or employment in technology-oriented fields.

GEOGRAPHY (Major Only)

Students in this department explore the social, cultural, and natural influences on people around the globe. There is a concentration on physical geography, which emphasizes the natural sciences and aspects of landscape, water, and climate, or human geography, which focuses on the utilization of natural resources, urban and regional change, economic development.

MATERIALS SCIENCE AND ENGINEERING (Major Only)

Students explore various materials and the role these materials play in today's society. Topics include nanowires, aerospace material, and biomedical implant. Biomaterials is a track within the department that requires an understanding of the nature of the materials and the interactions with the biological environment.

MECHANICAL ENGINEERING (Major Only)

There are several areas of interest within the department: mechanical systems, thermofluid systems, robotics and electromagnetic systems, biomechanical systems, and micro-electromechanical systems. An aerospace concentration is available, along with a biomechanics concentration.



NONDISCRIMINATION STATEMENT

The Johns Hopkins University admits students of any race, color, gender, religion, national or ethnic origin, age, disability or veteran status to all of the rights, privileges, programs, benefits and activities generally accorded or made available to students at the University. It does not discriminate on the basis of gender, marital status, pregnancy, race, color, ethnicity, national origin, age, disability, religion, sexual orientation, veteran status or other legally protected characteristic in any program or activity, including the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other university-administered programs or in employment. Accordingly, the University does not take into consideration personal factors that are irrelevant to the program involved.

Questions regarding access to programs following Title VI, Title IX and Section 504 should be referred to the Office of Equal Opportunity and Affirmative Action Programs, 130 Garland Hall, Telephone: 410.516.8075, TTY: 410.516.6225.

Policy on the Reserve Officer Training Corps. Present Department of Defense policy governing participation in university-based ROTC programs discriminates on the basis of sexual orientation. Such discrimination is inconsistent with the Johns Hopkins University non-discrimination policy. Because ROTC is a valuable component of the university that provides an opportunity for many students to afford a Hopkins education, to train for a career, and to become positive forces in the military, the university, after careful study, has continued its ROTC program but encourages a change in federal policy that brings it into conformity with the university's policy.

SUMMER MAILINGS

Over the summer, you will receive what might seem like an overwhelming number of mailings from a variety of offices on campus. You will find below the major mailings you should expect to receive this summer. The timing and content of the mailings may vary from what is listed below.

If you return your deposit late, are a transfer student, or were admitted from the waitlist, the mailings below may not follow this schedule.

LATE SPRING:

- **Housing Contract and Roommate Questionnaire**

Shortly after you accept at Hopkins, you will receive information regarding housing and dining services. Materials in this mailing to be returned include your housing contract and your roommate questionnaire. The roommate questionnaire maybe completed online. Check the Department of Housing and Dining website for more information at www.jhu.edu/hds.



- **Pre-Orientation Information**

Each year, Rec Sports offers Pre-Orientation adventure trips for incoming students. These trips take place before the regular Orientation begins, allowing pre-O participants to also participate in our standard Orientation. If you didn't receive their information, their website has everything you need to know at www.jhu.edu/recsport/ee/preowel.html. These trips are optional.

JUNE:

- **Advising Materials**

By mid-June, you will receive a packet of materials from your respective advising office. This packet includes the Hopkins Freshman Planner, information about registration, your JHED letter, and information about completing the Freshman Advising Profile. You are required to complete the Freshman Advising Profile and are requested to complete this form immediately after you receive this packet. Academic advisors cannot review your fall semester schedule without this form. This is how we provide you with appropriate advice.

This packet also contains a VERY important letter called your "JHED" letter. This tells you how to activate your JHED login and password – the security system allowing you to register, take placement exams, and view your bill.

- **JCard (ID info)**

Your JCard is your student ID card at Hopkins. This card allows you access to the dining halls, shuttle buses, library, and Rec center, among other things. You will be requested to submit a picture for the ID. Completing this request in a timely manner ensures your JCard will be available for pick up during Orientation and greatly simplifies your first few days at JHU.

- **Jumpstart Program**


The Jumpstart Program helps you learn more about computing at Hopkins. This information is valuable and will help you understand computer services and access at JHU. They also have a valuable website at <http://jumpstart.jhu.edu>.

- **Pre-Entrance Health Forms**

Student Health and Wellness will be sending you information about their services and requesting basic health information from you. If you have further questions about this material, you may call or email them at (410) 516-9270 or studenthealth@jhu.edu.

- **Health Insurance Information**

All Hopkins students are required to carry health insurance. A mailing, directly from the provider of a student health insurance plan available to Hopkins students, will help you fulfill this requirement. You must either return an application to



the health provider or complete a form to be returned to our Registrar's Office with information about your coverage. If you have not received this information, you may contact the Registrar's Office.

- **Orientation Mailing I**

This mailing comes directly from the organizers of the Fall Orientation program. They will tell you about the upcoming events during Orientation. In addition, they mail several forms you might want to return. These include:

- Request for a Student Advisor
- Purchase of Activity Pass for Orientation
- Volunteering for Admissions Opportunities

Orientation has a website where you can download all the materials in this packet if it doesn't arrive in a timely manner. Their website is www.jhu.edu/orientat. Alternatively, you can email them at orientation@jhu.edu.

JULY/AUGUST:

- **Orientation Mailing II**

This mailing contains more vital information to help you prepare for your arrival at JHU - including how to move into the dorms. You'll also find a suggested packing list and an RSVP to be returned for the Goodbye Luncheon with your parents.

- **Room Assignments**

Housing and Dining Services will inform you of your housing and roommate assignments. They include some information about options applicable to your housing, These forms need to be returned if you are interested. They can be reached at (410) 516-8282.

- **Student Bills**

Billing information is also available online. Paying your bill in full before classes begin is essential! If you have questions about your bill, feel free to call Student Accounts at (410) 516-8158.

- **Check In Procedures**

This mailing, coming from the Registrar's Office, is to help you prepare your arrival on campus and the paperwork and materials you'll need to make sure are finished up.

- **Review of Academic Schedule**

After you have registered and your Freshman Advising Profile has been received, your academic advisor will review your schedule. Students in KSAS should expect to receive a letter in the mail while WSE students will be receiving an email.