# TABLE OF CONTENTS

Welcome and How to Use This Guide ................................................................. 36

## Section I: Advising and Academics
Advising: Selecting Majors, Careers ............................................................... 36
Advisors at Johns Hopkins .............................................................................. 37
Tips for Getting Started ................................................................................. 38
Challenge of Learning at JHU ........................................................................ 39
Academic Requirements .................................................................................. 42
Transfer Credit ................................................................................................. 45
Advanced Placement Examinations ............................................................... 46
International Baccalaureate .......................................................................... 48
General Certificate of Education (GCE) ......................................................... 49
Other International Examinations ................................................................. 49
Grading and Academic Status ....................................................................... 50
Attendance Policies ......................................................................................... 50
Financial Aid .................................................................................................. 52
University Catalog .......................................................................................... 53
Final Exam Schedule ...................................................................................... 53
Intersession and B’More ................................................................................. 53
Academic Integrity .......................................................................................... 54
Email and Communication ............................................................................. 54

## Section II: Selecting Courses
Selecting Your First-Semester Courses .......................................................... 55
Course Selection for Peabody Double-Degree Students ............................... 55
Course Selection for Arts and Sciences Students .......................................... 55
Course Selection for Engineering Students .................................................... 59
Majors and Minors .......................................................................................... 61
How to Read Course Descriptions ............................................................... 64
Waitlists and Textbooks for Courses .............................................................. 66
Choosing a Language ...................................................................................... 67
Foreign Language Placement ......................................................................... 67
Math Placement ................................................................................................ 70
Music at Hopkins ............................................................................................ 70
Student Disability Services .......................................................................... 71
Nondiscrimination Statement ....................................................................... 72

## Section III: Resources
Tips for the Start of the Semester ................................................................. 73
Outputs: Writing, Speaking, Other Presentations ........................................... 75
The Writing Process ....................................................................................... 76
Office of Academic Advising ....................................................................... 77
# Engineering Advising

Academic Support

Tutoring and The Learning Den

Study Consulting Program

PILOT Peer-Led Team Learning

Career Center

Counseling Center

Study Abroad

Pre-Professional Advising

Preparation for Pre-Health Students

Preparation for Pre-Law Students

Community Service

Office of International Services

Student Life

Office of Multicultural Affairs

Center for Student Success

Milton S. Eisenhower Library

Financial Aid

Scholarships and Fellowships

ROTC

Index
WELCOME TO THE 2017-2018 FIRST-YEAR ACADEMIC GUIDE

Congratulations--you’re a first-year student at Hopkins! You’re now wondering “What classes should I take? How do I register? When will I meet with an advisor?” This Guide has been prepared by the Office of Academic Advising and the Office of Engineering Advising to answer these questions and help you plan your first year.

Sincerely,

Office of Academic Advising (Krieger School of Arts and Sciences)
Office of Engineering Advising (Whiting School of Engineering)

HOW TO USE THIS GUIDE

The Guide is divided into three sections:

- Section I: Advising and Academics
- Section II: Selecting Courses
- Section III: Resources

Read through ALL of Sections I and II. Consult the pages in Section III that interest you.

SECTION I: ADVISING AND ACADEMICS

ADVISING: SELECTING MAJORS, CAREERS

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 at JHU and to step off campus occasionally to test out career options through internships, research, and activities.

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. Additional guidance about major selection follows in a few pages.

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.
ADVISORS AT JOHNS HOPKINS

For perhaps the first time in your life, you have primary responsibility for your education. To help you, Johns Hopkins has an academic advising system comprised of academic advisors, faculty advisors, Directors of Undergraduate Studies, pre-professional and career advisors, mentors, tutors, and other university staff.

• Academic Advisors

Summer before starting at Hopkins

All first-year students 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.

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.

Once you arrive at Hopkins

Arts and Sciences students will continue to have the professional academic advisors in OAA as your principal source for advice all year. You will meet with an OAA advisor in October to discuss your transition to college, then again in February/March to review your future academic plans. After the first year, you are welcome to visit us anytime.

Engineering students will continue to have the professional advisors in OEA available to you for advice and assistance throughout your Hopkins undergraduate career. However, your faculty advisor (see information below) who will be assigned to you at the end of the summer, will be your primary contact for advising once you start at Hopkins.

• Faculty Advisors

Arts and Sciences students are assigned a faculty advisor at the end of the first year 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.

Engineering students are 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. The faculty advisor is the primary point of contact for engineering students once you start at Hopkins. Your faculty advisor will help you choose courses and answer any questions regarding major requirements.
• Directors of Undergraduate Studies

Each discipline has a faculty member who serves as a Director of Undergraduate Studies. All students, including freshmen, should consider meeting with these faculty to talk about course offerings, major or minor requirements, research opportunities, or other general questions about the discipline.

• Pre-Professional and Career Advisors

First-year students are encouraged to participate in pre-professional and career advising activities during Orientation. During your semesters at Hopkins, schedule meetings with the Office of Pre-Professional Programs and Advising and the Career Center and find out about their resources. The Office of Pre-Professional Programs and Advising is available to offer support and guidance for application to graduate education in health and law. The Career Center guides students in thinking about internships and career options. There are more details about these offices in Section III of this Guide.

• Mentors, Tutors, and University Staff

There is a wide array of resources at Hopkins which provide academic and personal support and coaching for students. Seek out staff at the Office of Student Life, the Counseling Center, the Center for Student Success, and the Office of Multicultural Affairs. Look for tutoring through the Learning Den, and peer coaching through the Study Consulting program and PILOT program. There are more details about these offices and programs in Section III of this Guide.

TIPS FOR GETTING STARTED ON THE RIGHT FOOT

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

Experiment
Think carefully about your selection of courses for your first term. Use online and print resources to get up to speed about possible majors, minors and requirements. Select courses that will help you explore these interests. Consult with advisors to be sure you’ve made wise choices. If possible, try a seminar designed for first-year students.

Develop All of You
These will be four years of unlimited opportunities—embrace them! Involve yourself in student life. Volunteer. Get work experience. Check out research and internship opportunities. Build an exciting life for yourself on campus and beyond.
THE CHALLENGE OF LEARNING AT JHU

Everyone expects that they will have to work harder to do well at Johns Hopkins. There are two huge differences between the learning process at Hopkins and the learning process at your high school:

1) Learning does not take place primarily in the Hopkins classroom.
2) You, not your Hopkins professor, are responsible for what you learn.

High school was structured like this:

30 hours per week in class
15 hours per week on homework
TOTAL: 45 hours

Hopkins will look like this:

15 hours per week in class
30 – 45 hours per week learning course material on your own
TOTAL: 45-60 hours

YOU are responsible for planning how you will use 30-45 hours. In high school, your teachers planned 30 of the 45 hours you spent each week on learning. In college, that responsibility shifts to you: see the charts on the next page.

Think next about how class time is used in high school versus college. High school teachers go over the assigned reading and the assigned problems in class, reviewing important points again and again. In high school, the teacher shares with you the responsibility for helping you to learn the basic facts.

In a college classroom, you are responsible for your learning. The professor expects that everyone has read the assigned material BEFORE coming to class and does not go over the material point by point. Class time is devoted to building upon the basic facts and discussing implications and applications. Hopkins professors stress that learning in college means “acquiring the ability to apply methods in new situations as they occur.” The student takes responsibility for both learning and applying knowledge.

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. When you aren’t in class during those hours, you should be studying. If you have sports or club activities during the day, schedule evening study time.
Here are some tips for using your time effectively:

- Plan a balanced schedule of classes, studying, work, sleep, meals, exercise, and fun.
- Study at a regular time and place.
- Complete assigned reading BEFORE class meetings, and take notes. Take good notes during class as well.
- Just as a musician practices each day, work problems each day for courses like chemistry, math, physics and economics.
- Review all notes for each course, each week.
- Look for a Hopkins community service program that engages you. Service can be a strong source of satisfaction. Knowing that you will be giving time to others will help you to more efficiently manage the time you commit to yourself.
- Stay healthy! Use common sense—get rest, eat sensibly, exercise. If you do get sick, use resources at the Student Health & Wellness Center for support. If you miss classes, contact the Office of Student Life.

Learning how to do this well will take time, patience, and experimentation. You may need some help— all freshmen should consider signing up for the Study Consulting program (see details at http://jhu.edu/academic-assistance and in Section III: Resources) to guide you through your academic transition to Hopkins.

Think of it this way: there are 168 hours in a week. If you use 60 of them for learning, 49 for sleeping, and 14 for eating, that leaves 45 hours each week for the fun stuff. You really can do it all. Get yourself organized and have a great year!
Life in High School
168 Available Hours Per Week

- Meals: 14 hours
- Fun Stuff: 60 hours
- Sleep: 49 hours
- Hours studying: 15 hours
- Hours in class: 30 hours

Life at Hopkins
168 Available Hours Per Week

- Meals: 14 hours
- Fun Stuff: 45 hours
- Sleep: 49 hours
- Hours studying: 45 hours
- Hours in class: 15 hours
ACADEMIC REQUIREMENTS

CREDIT REQUIREMENTS

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

- Major requirements
- Distribution requirement
- Writing requirement

Students must complete, depending on major, a total of 120-129 credits. Arts and Sciences majors all require 120 credits with the exception of a BS in Physics. Engineering majors require between 120-129 credits. Students are required to complete 100 credits through Johns Hopkins University.

To earn 120-129 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. First-year students in Arts and Sciences cannot take more than 17 credits per semester, while first-year students in Engineering 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 and associated labs. 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 time for extracurricular and social interests, discussions with peers and faculty, work, internships and research.

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

DISTRIBUTION REQUIREMENT

One common question among Hopkins first-year students 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 18 credits in academic areas outside their major.
Hopkins courses that satisfy the distribution requirement fall into the following areas:

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

Specific courses can involve up to two area designations. For instance, the course Introduction to Psychology (200.101) combines significant components of both the natural and social sciences and, hence, is designated (N, S).

For Arts and Sciences Students
The specific distribution requirement is determined by the area of the major. For example, students majoring in a social science discipline must have a minimum of 9 N, Q, and/or E credits plus 9 H credits. Students majoring in a humanities discipline must have 9 N, Q, and/or E credits plus 9 S credits. Students majoring in natural sciences or quantitative sciences must complete at least 9 H credits and 9 S credits. As you can see, these are modest requirements to allow Johns Hopkins undergraduates independence and choice. If you have questions, please consult your advisor.

For Engineering Students
Students in engineering must complete the following distribution requirements:

- 18-21 credits (6 or 7 courses at least 3 credits each) designated H and/or S. Although language elements courses do not carry an area designator, engineering students may use these courses as substitutes for humanities courses in meeting the distribution requirement.
- At least 75 credits earned in courses coded E, Q, or N, with at least 30 credits in courses coded N or Q, with no course counted twice. At least 30 of the 75 credits must be earned outside the student’s major department.

Specific departmental rules regarding the distribution requirements are outlined in the Advising Manual for each major, which will be distributed to you by your department during Orientation. Departmental Undergraduate Advising Manuals for the 2017-2018 entering class will also be available at http://engineering.jhu.edu/academics/degrees-at-a-glance/ by the beginning of the semester.
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 for future courses.

All Arts and Sciences students are required to complete 12 writing-intensive credits. Arts & Sciences students who enter the University with SAT scores below 600 on the SAT verbal test are advised to take Introduction to Expository Writing (060.100) during the fall term of their first year.

Engineering students earning the BA degree in an engineering discipline must complete 12 writing-intensive credits (4 courses with at least 3 credits each). Engineering students earning the BS degree must complete 6 writing-intensive credits (2 courses with at least 3 credits each). Engineering students who enter the University with SAT scores below 600 on the SAT verbal test are advised to take Introduction to Expository Writing (060.100) during the fall term of their first year, but some Engineering departments do not count 060.100 toward the W requirement. For further details about policies, Engineering students should refer to their departmental advising manual at: http://engineering.jhu.edu/academics/engineering-departments/.

More about Writing at Hopkins

To promote excellence in writing, many writing-intensive courses are offered:

Academic Writing

Expository Writing introduces students to the principles of academic argument. Each section has a unique topic and is taught by an instructor with special training in the teaching of writing. Courses count toward both writing-intensive (W) and humanities (H) distribution. Expository Writing is offered fall (060.113) and spring (060.114). Read the description of each section to select the ones most engaging to you at: http://krieger.jhu.edu/ewp.

Creative Writing

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

Professional Communication

This program offers Professional Communication for Science, Business & Industry (661.110) and Oral Presentations (661.150), courses designed to help students develop effective communication skills relevant to their educational and professional goals. Sections for ESL students are available.
TRANSFER CREDIT

Hopkins undergraduates who enter the University from high school are permitted to transfer a maximum of 12 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.

Remember that students are required to complete 100 credits through Johns Hopkins University.

There is no limit on the number of credits you may earn through the JHU Summer School program.

See general details regarding transfer credits at:

http://e-catalog.jhu.edu/undergrad-students/academic-policies/external-credit/

For Arts & Sciences students: www.advising.jhu.edu

For Engineering students: http://engineering.jhu.edu/welcome-class-of-2021/
ADVANCED PLACEMENT EXAMINATIONS

Advanced placement credits exempt a student from taking the equivalent courses at Hopkins. Johns Hopkins grants credit on some AP exams according to the accompanying table. **If you receive an eligible score on any test listed on the accompanying table, please request that a score report for all years be sent to the Undergraduate Admissions Office at Hopkins.**

Remember that students are required to complete 100 credits through Johns Hopkins University.

If a student enters the University with credit for an Advanced Placement examination and then completes an equivalent course at JHU for credit, the AP credits (and lab waiver, if applicable) will be disallowed. The credits and grade for the JHU course will appear on the academic record. The AP exam title remains on the record, but the credit value is reduced to zero.

**Biology:** Students awarded credit for AP Biology are exempt from taking the corresponding lab courses. These lab courses are waived but no credit is awarded. Students awarded credit for AP Biology who complete 020.153 General Biology Lab I will lose 3 credits of AP Biology credit. Students awarded credit for AP Biology who complete 020.154 General Biology Lab II will lose 3 credits of AP Biology credit.

**Calculus:** Students may receive credit for 110.108 Calculus I via only one test.

**Chemistry:** Students awarded credit for AP Chemistry receive credit for the lecture and lab courses. Students awarded credit for AP Chemistry will lose a semester’s credit (4 credits) if either the corresponding lecture course or the corresponding lab course is completed at JHU.

Students with a score of 4 are awarded credit for 030.101 and 030.105, but are not eligible to take 030.102 and 030.106 and still retain AP credit. Students with a score of 4 are therefore encouraged to take 030.103.

Students with a score of 5 on AP Chemistry may take 030.103, but would then lose 4 credits corresponding to 030.102 and 030.106.

**Physics:** Students awarded credit for AP Physics are exempt from taking the corresponding lab courses. These lab courses are waived but no credit is awarded. Students awarded credit for AP Physics who complete any of the following courses will lose AP Physics credit: 171.101, 171.103, or 171.107 General Physics I; 171.102, 171.104 or 171.108 General Physics II. Students completing 171.105 or 171.106 **MAY** retain their AP Physics credits. Mechanical Engineering majors **MUST** take the Physics labs even if they earn AP Physics credits. Please check **Engineering 101** for details.
<table>
<thead>
<tr>
<th>AP Exam</th>
<th>JHU Course equiv.</th>
<th>Score</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>020.151 &amp; 152,</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>020.153 &amp; 154 waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>030.101 &amp; 102,</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>030.105 &amp; 106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>030.101 &amp; 105</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>600.107</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>no equivalent</td>
<td>4 or 5</td>
<td>4</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>110.106 or 108</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>110.106 or 108</td>
<td>3 or 4</td>
<td>4</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>110.106 &amp; 107</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>110.108 &amp; 109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics C -Mech</td>
<td>171.101 or 103</td>
<td>4 or 5</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>173.111 waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics C-E&amp;M</td>
<td>171.102 or 104</td>
<td>4 or 5</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>173.112 waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Macroeconomics</td>
<td>180.101</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>*Microeconomics</td>
<td>180.102</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>550.111</td>
<td>4 or 5</td>
<td>4</td>
</tr>
</tbody>
</table>

**Policies regarding Economics:** Students majoring or minoring 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.

**Policy regarding French, German, and Italian Language Exams:** Students scoring 4 or 5 on the AP exam for any of these languages may receive 6 credits AFTER successfully completing two Hopkins courses in that same language sequence at the intermediate level or higher.

**AREA DESIGNATIONS FOR AP EXAMS**

Advanced Placement examinations receive the same area designations as equivalent courses at JHU. For example, AP Biology receives N credit; AP Environmental Science 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.
Credit for some higher-level International Baccalaureate (IB) courses is granted according to the table below. If a student enters JHU with credit for an IB exam and then completes an equivalent course at JHU for credit, the IB credits (and lab waiver, if applicable) will be disallowed. The credits and grade for the JHU course will appear on the academic record. The IB exam title remains on the record as well, but the credit value is reduced to zero.

Remember that students are required to complete 100 credits through Johns Hopkins University.

**Biology:** Students awarded credit for IB Biology are exempt from taking the corresponding lab courses; lab courses are waived but no credit is awarded. Students with credit for IB Biology who complete 020.153 Gen Bio Lab I will lose 3 credits of IB Biology credit. Students with credit for IB Biology who complete 020.154 Gen Bio Lab II will lose 3 credits of IB Biology credit.

**Chemistry:** Students awarded credit for IB Chemistry receive credit for the lecture and lab courses. Students awarded credit for IB Chemistry will lose a semester’s credit (4 credits) if either the corresponding lecture course or the corresponding lab course is completed at JHU.

Students with a score of 6 or 7 on IB Chemistry may take 030.103, but would then lose 4 credits corresponding to 030.102 and 030.106.

**Mathematics:** Students may receive credit for 110.108 Calculus I via only one test. “Further Math” is not accepted by JHU.

**Physics:** Students awarded credit for IB Physics are exempt from taking the corresponding lab courses; lab courses are waived but no credit is awarded. Students completing 171.101, 171.102, 171.103, 171.104, 171.107 or 171.108 will lose IB Physics credit. Students completing 171.105-171.106 MAY retain IB Physics credits. Mechanical Engineering majors MUST take the Physics labs even if they earn IB Physics credits, please check Engineering 101 for details. 173.111 waived.

<table>
<thead>
<tr>
<th>IB Exam</th>
<th>JHU Course equiv.</th>
<th>Score</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>020.151 &amp; 152</td>
<td>6 or 7</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>020.153 &amp; 154 waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>030.101 &amp; 102</td>
<td>6 or 7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>030.105 &amp; 106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>600.107</td>
<td>6 or 7</td>
<td>3</td>
</tr>
<tr>
<td>*Macroeconomics</td>
<td>180.101</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>*Microeconomics</td>
<td>180.102</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>110.106 or 108</td>
<td>6 or 7</td>
<td>4</td>
</tr>
<tr>
<td>Physics</td>
<td>171.101 &amp; 171.102</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>173.111 &amp; 112 waived</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>171.101</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>173.111 waived</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Policies regarding Economics**: Students majoring or minoring in Economics must take an additional advanced course for each IB Economics course that receives credit.

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

**Policies regarding French, German, and Italian**: Students scoring 6 or 7 on the IB exam B or the IB exam A2 for these languages may receive 6 credits **AFTER** successfully completing two Hopkins courses in that same language sequence at the intermediate level or higher.

---

**GENERAL CERTIFICATE OF EDUCATION EXAMINATIONS (GCE)**

GCE A-level credit is awarded according to the table below.

**NOTE**: GCE equivalencies are subject to change at any time.

<table>
<thead>
<tr>
<th>GCE Examination</th>
<th>JHU Course equiv.</th>
<th>Grade</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>020.151 &amp; 152, 020.153 &amp; 154 waived</td>
<td>A or B</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry</td>
<td>030.101 &amp; 102, 030.105 &amp; 106</td>
<td>A or B</td>
<td>8</td>
</tr>
<tr>
<td>Economics</td>
<td>180.101</td>
<td>A</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>110.108 &amp; 110.109</td>
<td>A</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>110.108</td>
<td>B</td>
<td>4</td>
</tr>
<tr>
<td>Physics</td>
<td>171.101 &amp; 102, 173.111 &amp; 112 waived</td>
<td>A</td>
<td>8</td>
</tr>
<tr>
<td>Physics</td>
<td>171.101</td>
<td>B</td>
<td>4</td>
</tr>
</tbody>
</table>

**OTHER INTERNATIONAL EXAMINATIONS**

Students with scores for the French Baccalaureate, German Abitur, Cambridge Pre-U, or other exams should consult with advisors at the Office of Academic Advising or Engineering Advising.
GRADING AND ACADEMIC STATUS

Grading and GPA
At the end of each semester, Hopkins students receive a grade (A+, A, A-, B+, B, B-, C+, C, C-, D+, D, F) in each course taken. These grades are part of the student’s record, and students may view these grades in SIS. Each letter grade corresponds to a numerical grade point equivalent to allow the computation of a grade point average. To determine the semester grade point average, multiply the grade point equivalent by the number of credits for the course. Add the products (grade points earned), then divide the total by the number of credits in the computation.

All students are required to earn at least 12 credits per semester with a semester GPA of 2.0 or higher (C average or higher) to be in good academic standing. Students who earn a D or F in a course must repeat that course and earn a grade of C- or higher before moving into the next level.

Dean’s List
All students who have earned a semester GPA of 3.5 or higher in a program of 14 or more credits (12 credits must be graded) will be placed on the Dean’s List. An appropriate notation is made on the transcript.

Academic Probation for Unsatisfactory Performance
When the semester 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.

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

Any student whose semester GPA is below 1.0 or who earns less than 6 credits in one semester may be dismissed without having been previously placed on academic probation.

ATTENDANCE POLICIES
Although there are no university regulations concerning attendance, students are expected to attend all courses regularly. Students should consult with their instructors and/or TAs when they have missed classes to explain the reasons for their absence and to stay on track in the course. Instructors establish their own policies regarding attendance, and it is the student’s responsibility to know those policies. In certain courses, regular attendance is given special importance. These include foreign language courses and the introductory courses in the Writing Seminars and Expository Writing. Instructors in these courses may lower a student’s grade for unexcused absences.
If a student is absent from classes over a period of several days without explanation, instructors are encouraged to inform the advising office of his/her school. In some cases, withdrawing from a course may be considered; however, the student must withdraw from a course before the end of the eleventh week of the semester and still remain in at least 12 credits.

Absence Due to Illness
The Health and Wellness Center does not provide documentation for students who miss individual classes. In these cases, students should communicate directly with their instructors. If a student experiences an extended illness or hospitalization that causes the student to miss a significant number of classes or major academic assignments, including mid-term examinations, the student can provide a physician's documentation of illness to the student's instructors.

Students who have prolonged illnesses that interfere with their ability to meet their academic obligations are encouraged to seek treatment at the Student Health and Wellness Center and to confer with a Case Manager in the Dean of Student Life Office for assistance. Faculty who see a pattern of absences or late work are encouraged to confer with the student's advising office.

Falsely reporting an illness or injury is a violation of the code of student conduct and is subject to disciplinary action.

Absence for Religious Holidays
Religious holidays are valid reasons to be excused from class. Students who must miss a class or an examination because of a religious holiday must inform the instructor as early in the semester as possible in order to be excused from class or to make up any work that is missed.

Approved Absences
The university encourages students to participate in varsity athletics and other significant extracurricular activities. Students who must miss a class or an examination because of participation in a scheduled in-season varsity athletic event must notify the course instructor as early in the semester as possible. Approved absences are granted at the discretion of the course instructor. When students must miss a scheduled examination, several solutions have been found by instructors. Students have been permitted to take an examination before leaving for the event, or coaches have served as proctors for examinations taken during the athletic event at approximately the same time as the other students in the course. Students have also been allowed to take the examination, or an alternative examination, upon their return from the athletic event.
FINANCIAL AID

The Office of Student Financial Services administers federal, state, and institutional grants, loans, and work-study programs. It is vital that students and their families understand the connection of academic standing to eligibility for financial aid. Poor academic performance can affect eligibility. For details about financial aid policies, please carefully review the information at: http://www.jhu.edu/finaid/index.html.

What happens to my aid if I complete fewer than 12 credits in a semester?

Students who do not earn 12 credits each semester or maintain a cumulative completion rate of earned credits equal to or exceeding 67% of the credits attempted are in violation of the Satisfactory Academic Progress policy, and may be placed on Financial Aid Warning or Suspension for the subsequent term. The current Satisfactory Academic Progress policy for undergraduates may be found online at http://www.jhu.edu/finaid/return.html.

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 state awards. There is an appeals process if you fall below the required minimums.

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

Students who receive financial aid must, in accordance with federal, state and institutional requirements, be in good standing and maintain Satisfactory Academic Progress (SAP) toward obtaining their degree. Students must maintain a cumulative and semester 2.0 GPA, earn at least 12 credits per semester and maintain a cumulative completion rate of earned credits equal to or exceeding 67% of the credits attempted. Hopkins Grant is awarded for a maximum of eight semesters to students who demonstrate financial need and maintain SAP. Federal aid is available to students who do not exceed the maximum timeframe (e.g. attempt no more than 180 credits for a 120 credit program). Please review the Satisfactory Academic Progress policy for undergraduates at http://www.jhu.edu/finaid/return.html.
UNIVERSITY CATALOG

The Undergraduate Catalog contains valuable information about departments and programs as well as the academic rules and procedures of the University. It can be found online at: http://e-catalog.jhu.edu/

Familiarize yourself with the site so that you can use it as a reference when you have questions about University policies.

FINAL EXAM SCHEDULE

The final exam schedule for Fall 2017 can be found at: http://web.jhu.edu/registrar/schedule/index.html.

Students are expected to attend final exams as scheduled and should wait to make their December travel arrangements 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 wish to take final exams at alternative times due to travel arrangements.

INTERSESSION: B’MORE AND OTHER COURSES

During January, students have the opportunity for additional academic exploration via Intersession, which offers a variety of 1-credit and 2-credit courses. It’s the ideal time to earn a few credits and seek out new interests.

All freshmen should try to arrange their January schedule to participate in B’More, a special Intersession program for freshmen. B’More provides the chance to explore Baltimore through a course focusing on its history, culture, and civic life. Freshmen select a B’More course (1 credit), and return to the Hopkins campus for a week-long program. Classes meet all day (10:00 AM - 5:00 PM, with class breaks and lunch) and are usually divided into morning in-class lecture/discussion sessions followed by afternoon activities. These activities include community-based learning, field trips, and guest speakers, and are designed to give students a better understanding of both their course's topic and their "hometown" for the next four years. Details about the B'More program and other Intersession courses will be available during the fall. Keep posted so that you can arrange your travel plans accordingly.
ACADEMIC INTEGRITY

The Undergraduate Academic Ethics Board is responsible for upholding the ethical standards of Johns Hopkins University. The Ethics Board is administered by the Associate Dean for Student Conduct. The Dean works with faculty and students to address reports of suspected violations of academic ethics and appoints Hearing Panels to resolve such allegations. Faculty Board members are appointed by the Vice Deans of Undergraduate Education. Undergraduate students are selected by the Student Council’s Committee on Leadership Appointments and the Undergraduate Academic Ethics Board. Student board member selection occurs during the Spring semester.

In order for students to familiarize themselves with the rules and policies regarding academic integrity at Hopkins, students are required to complete the Academic Integrity Training Module. Instructions and access to the Academic Integrity Training will be available through the Freshman Portal in the summer. Students are expected to complete the online module prior to the first day of classes.

A detailed summary of academic integrity policies for undergraduates is in the online catalog at http://e-catalog.jhu.edu/undergrad-students/student-life-policies/#UAEB. Issues of academic integrity are also discussed during Freshman Orientation and addressed in the syllabi of Hopkins courses.

For questions concerning the Undergraduate Academic Ethics Board and ethics policies, please email integrity@jhu.edu or call 410.516.8208.

EMAIL AND COMMUNICATION

By now, you should have activated your JHED login, set-up your JHU email, and accessed the portal for new freshmen (my.jhu.edu).

Please GET IN THE HABIT OF CHECKING YOUR JHU EMAIL ACCOUNT DAILY! Email is the official means of University communication, and important announcements may only be sent to a JHU email address. If you join the waitlist for any Fall 2017 course, you will be informed of status changes via your JHU email account. Check daily since you will only have 24-48 hours to add a course once a seat becomes available for you. Read Section II of this Guide for more details about the waitlist and registering for classes.

In addition, please keep other information in SIS (Student Information System: sis.jhu.edu) up-to-date at all times.

This fall, you will want to continue to access the student portal (my.jhu.edu) every day to view important announcements and events, access your JHU email and SIS account, and retrieve course materials.
SECTION II: SELECTING COURSES

SELECTING YOUR FIRST-SEMESTER COURSES

You will be registering for your Fall 2017 courses using SIS.

You can view the courses that will be offered in two ways: through SIS or on a pdf list. The pdf list of courses is available at http://web.jhu.edu/registrar/schedule.html. Click in the upper-right-hand corner on “Descriptions of Undergraduate Courses Only (pdf).” More detailed instructions about selecting courses are featured in this section of the First-Year Academic Guide.

COURSE SELECTION FOR PEABODY DOUBLE-DEGREE STUDENTS

Double-degree students will not be able to select Peabody courses until they complete placement examinations during Peabody’s Orientation Week in August. In June and July, double-degree students should identify and register for at least 12 credits of appropriate courses from the Arts & Sciences and Engineering fall schedule. In August, Peabody staff will help you make changes to your Homewood schedule to accommodate your Peabody schedule.

COURSE SELECTION FOR ARTS AND SCIENCES STUDENTS

What do you want to learn?

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 disciplines that you’ve never encountered in high school, as well as areas that may be familiar favorites.

Think about both the big picture (What are my goals for my college education? What are possible majors, career plans?) and the present (What should I take first semester?).
Here’s some general information for all Arts & Sciences students:

- **Pre-Major during First Year**
  Freshmen in the Krieger School of Arts and Sciences are classified as “Pre-Majors,” emphasizing our advising philosophy that the first college year should be one of exploration. Spend this summer starting to learn about the amazing options Hopkins has to offer.

- **Half and Half**
  Roughly half of the courses you take during your undergraduate years will be requirements for your major. The remaining half will be electives—so seek out courses that sound engaging. Some of these electives will need to be in areas outside your major academic area to meet the University’s distribution requirement.

- **Language and Math Placement**
  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 Guide. Take the appropriate online placement exam(s).

- **Science**
  Introductory Chemistry and General Biology start with Part I of the course in the fall. If you’ve taken AP or IB exams, be sure to review those pages in this Guide. If you are pre-med, look carefully at all information in the Office of Pre-Professional Programs & Advising’s “Guide One: Pre-Med & Pre-Dental Planning at Johns Hopkins.”

- **Your Major is Your Passion**
  It’s a myth that your major must directly prepare you for a specific career or professional direction. All majors help students to develop the abilities needed for success in any career: abilities in research, application, analysis, writing, reasoning, organization, and oral presentation. Since all majors can therefore be practical, don’t feel your chosen major needs to be connected to a career path: you should major in a subject you are passionate about.

- **Try the Degree Audit System**
  As you continue at Hopkins, the Degree Audit system in SIS can show your status in any major or minor. Use the system to consider an array of programs.
• **Declaring Your Major**  
Freshmen in Arts and Sciences work with their academic advisor during the first year to select courses to explore options for majors. Most students therefore reach a decision about their choice of major by the end of the first year. At that time, academic advisors assist students with declaring the major and beginning work with a faculty advisor.

• **Exploring Careers: Finding Your Professional Direction**  
When you have identified your major, it’s a good time to start exploring workplace options. Staff members at the Career Center are the ideal guides for this next stage. Consult **Section III: Resources** in this Guide for details about their services.

Now, start work on selecting possible majors and courses:

1. **Begin to explore possible majors at www.advising.jhu.edu.**  
Go to http://www.advising.jhu.edu/majorsminors.php. Spend time viewing information about majors and suggested first-semester schedules. These schedules are good samples to use as you start deciding what you’d like to register for.

2. **Identify possible first-semester courses.**  
Browse through the Schedule of Classes and note the titles, departments, and subjects that you find interesting. Write a list of at least ten classes that engage you. Be sure to consider an array of departments—some may be subjects that you never had a chance to try in high school, like Anthropology or Sociology. Include each course number and course title on your list.

3. **Narrow down the list of courses you’ve made.**  
Read the section in this Guide explaining 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.

4. **Focus on scheduling.**  
List desired courses with lecture times. Be sure no lecture times conflict. Then, select sections: include all section numbers that could work for you—your first choice of section might be full and you may need to try your second choice. Don’t always just choose section 01. If possible, try to spread out courses on different days.
5. **Special Dates?**
   Try to anticipate any special commitments you may have for athletic competitions or religious holidays, and select a schedule to accommodate your availability.

6. **How many credits per semester?**
   You are permitted to take between 12 and 17 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. Select some “back-up” courses.

7. **Register!**
   Have your proposed schedule ready for the opening day of registration. Log on to SIS at the equivalent time to 7am Eastern Time to begin the actual online registration process. If you are waitlisted for some classes, register for an open seat in a “back-up” course—it’s better to have a schedule that already contains the credit amount you want. You can always drop a back-up course if you are later offered a seat in a waitlisted course.

8. **Need Help?**
   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!

9. **Wait for Feedback.**
   After you have registered, your advisor will review your schedule. Be sure to check your JHU email account daily for comments so you can update your schedule before the semester begins.

10. **Add/Drop at Start of Semester.**
    When you begin attending classes at the start of each semester, 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 Guide and the accompanying booklet, *Engineering 101*. 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 online. These advisors will be in touch with you over the summer via email to suggest changes to your schedule, if necessary. Your faculty advisor will verify that this schedule is appropriate at your meeting during Orientation.

Here’s some general information for all Engineering students:

- Engineering freshmen have already designated a choice of Engineering major. Students can confirm that choice on the Advising Profile or make a new choice (except BME).
- For guidance on selecting courses for the major and working with your faculty advisor, see the 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.”
- Engineering students take between 14-18.5 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 sometimes carries 3.5 or 4.5 credits.
- 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.
- For information on Advanced Placement credit, mathematics, and language placement, see the appropriate sections in this Guide.
- Physics at Hopkins is calculus-based. If you did not take calculus in high school, you should consult with an Engineering academic advisor before registering for General Physics I at Hopkins.
- All engineering students are expected to take an introductory engineering course during the first year. Check the *Engineering 101* guide for more information on the intro engineering course for your major.
Now, start working on creating your schedule:

1. **Identify your first-semester courses.**
   A complete list of classes being taught during the Fall 2017 semester is available at [http://web.jhu.edu/registrar/schedule/index.html](http://web.jhu.edu/registrar/schedule/index.html). Required courses for your Engineering major are listed in *Engineering 101*. For an elective course, browse through the Schedule of Classes to find courses that engage you.

2. **Understand course descriptions.**
   Read the section in this Guide explaining 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.

3. **Focus on scheduling.**
   List desired courses with lecture times. Be sure no lecture times conflict. Then, select sections: include all section numbers that could work for you—your first choice of section might be full and you may need to try your second choice. Don’t always just choose section 01. If possible, try to spread out courses on different days.

4. **Register!**
   Have your proposed schedule ready for the opening day of registration. Log on to SIS at the equivalent time to 7am Eastern Time to begin the actual online registration process. If you are waitlisted for some courses, register for an open seat in a “back-up” course—it’s better to have a schedule that already contains the credit amount you want. You can always drop a back-up course if you are later offered a seat in a waitlisted course.

5. **Wait for Feedback.**
   After you have registered, your advisor in the Engineering Advising office will review your schedule. Be sure to check your JHU email account daily for feedback so you can update your schedule (if needed) before the semester begins.

6. **Add/Drop at Start of Semester.**
   When you begin attending classes at the start of each semester, many students add/drop courses. The first two weeks of the semester are the time to make changes to fine-tune your schedule if needed.
MAJORS AND MINORS IN THE KRIEGER SCHOOL OF ARTS AND SCIENCES

For full descriptions, see: http://krieger.jhu.edu/academics/depts/index.html.

AFRICANA STUDIES (Major and Minor)
ANTHROPOLOGY (Major and Minor)
ARCHAEOLOGY (Major Only)
BEHAVIORAL BIOLOGY (Major Only)
BIOETHICS (Minor Only)
BIOLOGY (Major Only)
BIOPHYSICS (Major Only)
CHEMISTRY (Major Only)
CLASSICS (Major and Minor)
COGNITIVE SCIENCE (Major Only)
EARTH AND PLANETARY SCIENCES (Major and Minor)
EAST ASIAN STUDIES (Major Only)
ECONOMICS (Major and Minor)
ENGLISH (Major and Minor)
FILM AND MEDIA STUDIES (Major and Minor)
FINANCIAL ECONOMICS (Minor Only)
FRENCH (Major and Minor)
GERMAN (Major and Minor)
GLOBAL ENVIRONMENTAL CHANGE AND SUSTAINABILITY (Major and Minor)
HISTORY (Major and Minor)
HISTORY OF ART (Major and Minor)
HISTORY OF SCIENCE AND TECHNOLOGY (Major and Minor)
INTERNATIONAL STUDIES (Major Only)
ISLAMIC STUDIES (Minor Only)
ITALIAN (Major and Minor)
JEWISH STUDIES (Minor Only)
LATIN AMERICAN STUDIES (Major and Minor)
LINGUISTICS (Minor Only)
MATHEMATICS (Major and Minor)
MEDICINE, SCIENCE, AND THE HUMANITIES (Major Only)
MOLECULAR AND CELLULAR BIOLOGY (Major Only)
MUSEUMS AND SOCIETY (Minor Only)
MUSIC (Minor Only)
NATURAL SCIENCES AREA (Major Only)
NEAR EASTERN STUDIES (Major and Minor)
NEUROSCIENCE (Major Only)
PHILOSOPHY (Major and Minor)
PHYSICS (Major and Minor)
POLITICAL SCIENCE (Major Only)
PSYCHOLOGY (Major and Minor)
PUBLIC HEALTH STUDIES (Major Only)
ROMANCE LANGUAGES (Major Only)
SOCIAL POLICY (Minor Only)
SOCIOLOGY (Major Only)
SPACE SCIENCE AND ENGINEERING (Minor Only)
SPANISH (Major Only)
SPANISH FOR THE PROFESSIONS (Minor Only)
SPANISH LANGUAGE AND HISPANIC CULTURE (Minor Only)
THEATRE ARTS (Minor Only)
VISUAL ARTS (Minor Only)
WOMEN, GENDER AND SEXUALITY (Minor Only)
WRITING SEMINARS (Major Only)
MAJORS AND MINORS IN THE WHITING SCHOOL OF ENGINEERING

For full descriptions, see: http://eng.jhu.edu/wse/page/departments-study/#dept

ACCOUNTING & FINANCIAL MANAGEMENT (Minor Only)

APPLIED MATHEMATICS AND STATISTICS (Major and Minor)

BIOMEDICAL ENGINEERING (Major Only)

BUSINESS (Minor Only)

CHEMICAL AND BIOMOLECULAR ENGINEERING (Major Only)

CIVIL ENGINEERING (Major and Minor)

COMPUTATIONAL MEDICINE (Minor Only)

COMPUTER ENGINEERING (Major Only)

COMPUTER INTEGRATED SURGERY (Minor Only)

COMPUTER SCIENCE (Major and Minor)

ELECTRICAL ENGINEERING (Major Only)

ENGINEERING MECHANICS (Major Only)

ENGINEERING FOR SUSTAINABLE DEVELOPMENT (Minor Only)

ENTREPRENEURSHIP AND MANAGEMENT (Minor Only)

ENVIRONMENTAL ENGINEERING (Major and Minor)

GENERAL ENGINEERING (Major Only)

GEOGRAPHY (Major Only)

MARKETING AND COMMUNICATIONS (Minor Only)

MATERIALS SCIENCE AND ENGINEERING (Major Only)

MECHANICAL ENGINEERING (Major Only)

ROBOTICS (Minor Only)

SPACE SCIENCE & ENGINEERING (Minor Only)
HOW TO READ COURSE DESCRIPTIONS

Important Definitions:

• Lecture – The primary class meeting where everyone registered for the course 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 (typically 10-19 students) 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:

AS 171.101 (01)
“General Physics I: Phys Sci Maj” (4) Barnett
Sec. 01 T Th 9:00am-10:15am, F 8:00am-8:50am
Academic Area: E,N

If you look at another section of this same course, you would see:

AS 171.101 (09)
“General Physics I: Phys Sci Maj” (4) Barnett
Sec. 09 T Th 10:30am-11:45am, F 8:00am-8:50am
Academic Area: E,N

These listings are explained as follows:

AS 171.101 is the course number. The number preceding the decimal point indicates which department offers the course (171 is Physics & Astronomy). 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, N) are the letter codes which describe the area designation:

- E Engineering
- H Humanities (departments like English or Philosophy)
- N Natural sciences
- Q Quantitative sciences
- S Social and behavioral sciences (departments like Political Science or Psychology)
- W Writing intensive

“General Physics I” is the course title. JHU offers several versions of General Physics I. “171.101 General Physics I: Phys Sci Maj” is primarily intended for Physical Science and Engineering majors. Arts & Sciences students in biology-related science majors or pre-med tend to take “171.103 General Physics I: Biol Maj” later in their Hopkins career. Any student may also consider “171.107 General Physics I for Physical Science Majors (AL).” The letters AL stand for “Active Learning,” where the course is taught in a style with most class time given to small group problem-solving guided by instructors.

(4) is the number of credits awarded for satisfactory completion of the course.

*Barnett* is the instructor.

Sec.    01 T Th 9:00am-10:15am, F 8:00-8:50am

09 T Th 10:30am-11:45am, F 8:00-8:50am

Section 01 meets for its lectures on Tuesday and Thursday from 9:00am-10:15am and meets for section on Friday from 8:00am-8:50am.

But notice that students also have the choice to register for section 09, which meets for its lectures on Tuesday and Thursday from 10:30am-11:45am and also meets for section on Friday from 8:00am-8:50am.

- **NOTE:** The Hopkins campus is compact enough that 10 minutes is adequate to move to any location. For example, you can plan to attend one course from 10:00-10:50 am and another course from 11:00-11:50am.
WAITLISTS AND TEXTBOOKS FOR COURSES

WAITLISTS

When you register, you may find that the course you want is full. Here are some tips that may help you:

1. If a course has multiple sections, please check ALL sections for seat availability. A different section may still have openings.

2. If a course is full, add yourself to the “waitlist.” This waitlist system will notify the first person on the waitlist when a space becomes available. During the summer, there is a 48-hour period for the student to log into SIS and add the course. **THEREFORE, IF YOU PLACE YOURSELF ON THE WAITLIST FOR A COURSE, IT IS VITAL THAT YOU MONITOR YOUR JHU EMAIL ACCOUNT AT LEAST ONCE PER DAY DURING THE SUMMER.** If a space opens up and you do NOT add the course within the 48-hour period, you will be dropped from the waitlist and the student after you will be offered the space.

3. 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 notified by the waitlist that you have the option to add the course (at this point, the option to add narrows to a 24-hour period). Attend the first class meeting of the course you hope to add. In the meantime, be sure to have confirmed registrations for the total number of credits you wish to take, and attend all of those courses during the first week.

Overall—stay in position on the waitlist and monitor your JHU email account daily. We recognize this can be very stressful, but courses have limits so that we can guarantee a quality experience.

TEXTBOOKS

All course listings in SIS contain a link which displays the textbooks required for the course. To find this link, click on the course number displayed on the left-hand side of the screen. The array of required textbooks can help you gauge the content of the course and the type of reading that will be expected. You may order books before you reach campus or plan to buy them in Baltimore at the JHU campus bookstore branch of Barnes & Noble. Familiarize yourself with return policies, and be certain to carefully save your receipt. Wait before opening packaging or writing in books—if you change your registration, you will want to seek a refund for books.
CHOOSING A LANGUAGE

Consider language study for personal enrichment, eligibility for honors societies, or to fulfill requirements for majors/minors. For details, see http://www.advising.jhu.edu/languages.php. Hopkins currently offers:

- Ancient Greek (Classics)
- Arabic (Center for Language Education)
- Chinese (Center for Language Education)
- French (German & Romance Languages and Literatures)
- German (German & Romance Languages and Literatures)
- Hebrew (Center for Language Education)
- Hindi (Center for Language Education)
- Italian (German & Romance Languages and Literatures)
- Japanese (Center for Language Education)
- Korean (Center for Language Education)
- Latin (Classics)
- Middle Egyptian (Near Eastern Studies)
- Portuguese (German & Romance Languages and Literatures)
- Russian (Center for Language Education)
- Spanish (German & Romance Languages and Literatures)
- Yiddish (German & Romance Languages and Literatures)

FOREIGN LANGUAGE PLACEMENT

FRENCH, GERMAN, ITALIAN, PORTUGUESE, OR SPANISH PLACEMENT

Students who have taken French, German, Italian, or Spanish before college and plan to continue this language at Hopkins MUST take the appropriate departmental placement exam before registering. Instructions on requirements, procedures, and the link to take the test can be found on the Academic Advising website at http://www.advising.jhu.edu/languages.php or at the website of the Department of German and Romance Languages and Literature at http://grll.jhu.edu/language_placement.html.

The test is available to incoming freshmen prior to registration. It is strongly suggested that you take the test and then follow the appropriate directions (as instructed on the Advising website) prior to June 20 in order to have the necessary permissions in place when registration for Fall courses begins. The multiple-choice placement test is individualized (self-adjusting to the student’s level) and is not timed. It covers grammar, vocabulary and reading skills. You may take the test online only once. The test result is reported when you complete the test. STUDENTS TAKING SPANISH MUST CONTACT THE DEPARTMENT AFTER THE TEST, SEE WWW.ADVISING.JHU.EDU.
Please note:

1. No waiver will be allowed based on the online placement score. You must take the exam in person at Hopkins to receive a waiver notation on your transcript.

2. Students who receive a score that places them in higher French must take a supplementary 30-minute test. See www.advising.jhu.edu for details.

3. ALL students who wish to study Spanish at Hopkins must take the Spanish Placement Examination and sign up for the level indicated by the results of the placement exam. Only the Spanish instructors can change a student’s placement (after an interview with the student).

Frequently Asked Questions About Language Placement

Q I want to take a Spanish course at Hopkins. Do I have to take a placement test?
A YES! All students taking Spanish at Hopkins must take the departmental placement test.

Q I have some background in a language, but don’t feel confident and want to take the Elements course. Do I have to take the placement test?
A YES! No student with language background in French, German, Italian, or Spanish will be allowed to take Elements without the placement test. The placement test will help us determine your level more objectively.

Q I want to take French or German or Italian, but have never studied the language before. In this case, do I need to take a placement test?
A NO. If you wish to study French or German or Italian and have no prior background at all, start with an Elements I course. This is the only case where you don’t need to take the test.

Q 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 by my score?
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, German, Italian, 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 your first semester. For later semesters, the placement tests are available online year-round.

Q I just want to waive the language requirement for a major I’m considering. When/where should I take a test?

A You must take the exam in person at Hopkins if you want to receive a waiver. Taking the online exam during summer will not earn the notation on your transcript waiving you from a language requirement. Consult with the language department when you arrive on campus for details.

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 “Heritage” Chinese.

HEBREW
If you have no previous work in Hebrew, take First-Year Modern Hebrew I (384.115). If you have had previous work in Hebrew, register for the level you think best. Re-assignment will be made, if needed, on the first day of class.

HINDI
If you have no previous work in Hindi, take Beginning Hindi I (381.101). If you have had previous knowledge of basic speaking, reading and writing Hindi, register for Intermediate Hindi I (381.201). Re-assignment will be made, if needed, during Orientation or on the first day of class.

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. Re-assignment will be made, if necessary, on the first day of classes. For guidance regarding placement, contact the Russian instructor or your academic advisor.
MATH PLACEMENT

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

We realize you may not yet have AP or IB math exam scores. Keep in mind that a score of 5 is required on the AP Calculus AB test in order to receive credits for Calculus I. Please make your best guess when you initially register, realizing that you may change your math course registration later in the summer after you receive your scores.

All students who intend to take math at Hopkins should take the math placement exam(s) and use the results to help with course selection. You may access the exams through the Freshman Portal and from the Math Department website at www.math.jhu.edu. Test results are not a binding placement into a given course; other factors may influence the selection.

There are two exams: 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 I will place you in either Introduction to Calculus or Calculus I. Exam II will not place you lower than Calculus I.

Engineering students most likely will be taking a math course in their first semester. Arts and Sciences students have more flexibility. 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.

MUSIC AT HOPKINS

MUSIC COURSES AT HOMEWOOD

Faculty from the Peabody Conservatory teach courses on music history and music theory at the Homewood campus. Homewood undergraduates are welcome to enroll in these courses as part of their semester registration and benefit from this opportunity to explore the arts. Some students choose to continue with these courses and complete a minor in Music.
PEABODY CONSERVATORY

The Peabody Institute, with its Preparatory (beginning/intermediate studies) and Conservatory (advanced studies) programs, is a division of the University located approximately two miles south of the Homewood campus. Shuttle bus service is available between the two campuses.

LESSONS AT PEABODY

The more advanced 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 either the Office of Academic Advising website or the Engineering Advising website for the appropriate forms.** Forms are also available on campus in the Homewood Registrar’s Office. 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.

STUDENT DISABILITY SERVICES

Johns Hopkins University is committed to the admission of qualified individuals with disabilities to its undergraduate programs. Students who may need accommodations in college are urged to contact Student Disability Services now to discuss how the University could provide reasonable and necessary accommodations. Contacts with SDS are strictly confidential and are not shared with other offices without the student’s permission.

**Registering for the First Time with Student Disability Services**

All admitted students who wish to receive accommodations for a disability must register and be evaluated. Information on the registration process is at [http://web.jhu.edu/disabilities/students/admitted/registering.html](http://web.jhu.edu/disabilities/students/admitted/registering.html).
**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 nondiscrimination 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.*
SECTION III: RESOURCES

TIPS FOR THE START OF THE SEMESTER

Know what’s in the syllabus:
- Professor’s contact information and office hours.
- Weekly reading (to be done BEFORE each lecture).
- Information about Blackboard, late policies, attendance.
- Assignments, papers, exam dates.
- Formula for how these assignments, papers, and exams are used in calculating your grade.

Read assigned material BEFORE you go to class.
- You will be familiar with the topics the instructor is presenting and will better understand the class session.

Spend time learning/reviewing/using class material every day.
- You cannot be successful if you only look at the material while studying for an exam. You must study every day!

Use a Planner or phone/laptop calendar to keep a detailed schedule where you will see it daily.
- In this schedule, list all due dates for assignments, papers, exams (see syllabus) for each of your courses.
- Create a plan (post-its, lists, electronic reminders) for reminding yourself daily about what needs to get done.
- Do whatever it takes to avoid procrastination.
- Don’t get behind in your work.
- Give yourself adequate time to study for exams—avoid cramming.

All students benefit from seeking guidance and support from:
- Professor & TA during office hours.
- Learning Den tutoring program.
- Study Consulting program.
- Writing Center.
- Department Help Rooms.

Make sure you attend all class meetings.
- If you miss class you are still accountable for the material.

Remember: what you put into your studies is what you will get out of them.
Hard work = achievement!
First go through study materials for the big picture, then again for focusing on details.  -- Katrina

Skim through your notes just for five minutes before you go to bed.  -- Seung

If you can finish something in less than 30 minutes, do it now.  -- Jennifer

Use a planner/calendar for every month of the semester to write in exam dates and assignment due dates. Keep yourself organized!  -- Minerva

Focus on the most important thing and set priorities.  -- Grace

To get the most out of a lecture class, read before each class. Knowing what the professor will be teaching beforehand helps you to benefit more from the lectures.  -- Chris

Make full use of your professors and TAs! Feel free to ask questions or go to their office hours. They are there to help and want you to succeed!  -- Danae

Make a checklist. Whenever you finish something, cross it off! It gives you a sense of accomplishment.  -- Rich

Take care of your body to take care of your mind!  -- Laura

Follow the 50/10 rule (50 minutes study session, 10 minutes break). Get a perfect 10!  -- Michael
OUTPUTS: WRITING, SPEAKING, OTHER PRESENTATIONS

Follow these basics steps to make a great presentation – every time!

1. **PLAN IT**
   Brainstorm about your topic; clearly define it. Map ideas, research, and make the topic interesting to yourself and your audience. Think about the 5Ws/1H: who, what, when where, why, and how. Being well prepared will make everything else easier!

2. **DRAFT IT**
   Make a blueprint of what you will present and what your message will be. Decide on your point of view and how you intend to get it across. Prepare an outline with subtopics. Remember the three basic parts: introduction, main body, and conclusion.

3. **CREATE IT**
   Write or make your first draft based on your outline. Remember, be original; don’t copy what others have produced.

4. **IMPROVE IT**
   Take the time to revise and edit. Ask others for their feedback. If your teacher has provided a rubric, check that you’ve covered all the requirements. Check your work for spelling, grammar, and formatting.

5. **PUBLISH IT**
   Share what you’ve created. If you need to show or cite sources, make sure to check out the information regarding references available on the library website: library.jhu.edu.

- When you take notes, immediately jot down the work’s title, author, publisher, and publication date. This saves time later!
THE WRITING PROCESS

These steps are part of the writing process.

1. **TOPIC**
   Choose what you will write about. Your topic should be clear and well-defined.

2. **RESEARCH**
   Gather facts to support your statements or opinions.

3. **FORMAT**
   The requirements for writing a letter, essay, speech, or journal entry are different. Make sure you follow the requirements of the format you are using.

4. **PURPOSE**
   Your purpose will focus your writing. Are you writing to inform, entertain, instruct, or persuade your audience?

5. **AUDIENCE**
   Your choice of words and writing style should be shaped by your audience. Are you writing for your peers or for a course?

6. **OUTLINE**
   Write a clear thesis (topic) statement. Then write your subtopics in a logical order that leads to a conclusion.

7. **POINT OF VIEW**
   Determine the point of view (I, he/she) from which you will write. Your understanding of a topic might deepen when you consider different points of view.

8. **ROUGH DRAFT**
   Write a rough draft that follows your outline, keeping your audience and point of view in mind. Each paragraph should deal with one main idea only. Your composition should follow a logical order to a conclusion.

9. **EDIT AND REVISE**
   Check your work for clarity and for spelling, punctuation, and formatting errors. Revise the content if necessary. Then proofread carefully.

10. **SOURCES**
    Cite a source for each quote, fact, and idea used that is not your own. DO NOT PLAGIARIZE. Use footnotes, a bibliography, or a Works Cited page.

11. **FINAL DRAFT**
    Prepare a neat final copy for submission. Be proud of your work!
ACADEMIC ADVISING

OFFICE OF ACADEMIC ADVISING (KRIEGER SCHOOL OF ARTS & SCIENCES)
The mission of academic advising in the Krieger School of Arts and Sciences is to encourage undergraduates to explore opportunities and to excel as they identify and achieve meaningful academic and personal goals. Academic advisors foster a learning community that values intellectual curiosity, personal development, and practical experience.

Garland Hall Suite 300 410-516-8216
www.advising.jhu.edu

ENGINEERING ADVISING (WHITING SCHOOL OF ENGINEERING)
Our staff is here to ensure that all engineering students have access to the support, resources, and information they need to make the most of their academic careers at the Whiting School. We provide general academic support to undergraduate engineering students, coordinate the faculty advising program, and are always happy to answer questions.

103 Shaffer Hall 410-516-7395
http://engineering.jhu.edu/academics/wse-academic-advising
wseadvising@jhu.edu

ACADEMIC SUPPORT
The Office of Academic Advising houses resources to help both Arts and Sciences students and Engineering students to achieve academic success. 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 support programs to assist those who may need to further develop these skills to obtain the success they want at Hopkins. Look in the next pages for details about tutoring through The Learning Den, developing academic skills through the Study Consulting Program, and peer-led team learning through the PILOT program. See our website at http://academicsupport.jhu.edu.
TUTORING

Small-Group Tutoring at The Learning Den
Free small-group tutoring is available on the Homewood campus through The Learning Den. Groups consist of one group tutor and no more than six students from the same course. During these group sessions, the tutor reviews lecture course material, leads group interactions, and provides additional resources. Students are able to ask questions and receive assistance with topics covered in class. For more information visit: http://academicsupport.jhu.edu/learning-den-tutoring.

Ms. Sarah Gubara, Assistant Director of Academic Support  410-516-8216  
Office of Academic Advising  tutoring@jhu.edu

Help Rooms
Several departments, including Math and Chemistry, offer free help rooms for most introductory-level courses and some upper-level courses. Schedules vary slightly for each semester. For more information, see http://academicsupport.jhu.edu/departmental-help-rooms/.

Writing Center
The Writing Center offers one-on-one help at any stage of the writing process. The Center is typically open from 2 pm to 10 pm, Sunday through Thursday, and is located in the Hutzler Reading Room in Gilman Hall. For more information, see http://krieger.jhu.edu/writingcenter/.

STUDY CONSULTING PROGRAM
The Study Consulting Program is designed to assist students with the development of academic success skills. Participating students are matched with a study consultant (a trained junior, senior or graduate student) and work one-on-one to develop strategies and techniques for success. Areas addressed through the program include, but are not limited to:

• Time management
• Overcoming procrastination
• Writing papers
• Note Taking
• Test Taking
• Heavy reading load strategies

All undergraduates are eligible to participate in this program. If you have any questions or would like more information, please visit http://academicsupport.jhu.edu/study-consulting or contact:

Ms. Fay Day, Assistant Director of Academic Support  410-516-8216  
Office of Academic Advising  fday2@jhu.edu
PILOT PEER-LED TEAM LEARNING

Join a PILOT Group

The PILOT Peer-Led Team Learning program is for students in gateway math, science, and economics courses. PILOT provides small-group peer-facilitated learning opportunities to supplement the learning that occurs during lecture. This program is designed for every level of ability. Details about the program and registration will be presented in supported courses during the first week of the semester. For details, visit http://academicsupport.jhu.edu/pilot-learning/about-pilot-learning/ or contact:

Ms. Ariane Kelly, Assistant Director of Academic Support 410-516-4648
Office of Academic Advising ariane.kelly@jhu.edu

CAREER CENTER

The Career Center empowers students and recent alumni to cultivate life-long learning and the skills for career success. In partnership with an integrated network, students benefit from discipline-specific knowledge and career development programming and experiences.

The Career Center serves full-time undergraduate students in the Krieger School of Arts and Sciences and Whiting School of Engineering. Whether you are exploring potential career interests or interviewing for your dream job, the Career Center will give you the tools to hone and pursue your career goals.

We look forward to supporting your professional success!

Contact Us:

Johns Hopkins Career Center
Garland Hall
Suite 389
career@jhu.edu
410-516-8056

For more on the Career Center, visit http://studentaffairs.jhu.edu/careers/. At the start of the semester, create your Handshake profile to schedule an appointment with a career coach, respond to career postings, and access resources. Drop-in hours are also available.
**COUNSELING CENTER**

The Counseling Center offers individual and group counseling to eligible students free of charge. Students meet individually with a professional staff member to determine which Center services may best suit their needs.

**Counseling Center Staff**

The 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 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 crisis intervention services are also offered at night, on weekends, and during University breaks.

Dr. Matthew Torres, Executive Director  
http://studentaffairs.jhu.edu/counselingcenter  
3003 N. Charles Street, Suite S-200  
Phone: 410-516-8278

---

**STUDY ABROAD**

Students may study abroad at many other universities and programs throughout the world. Students are able to study abroad as early as the second semester of the sophomore year and as late as the first semester of the senior year. All students are eligible to study abroad during Intersession and summer.

In addition to Hopkins-vetted programs offered through other institutions, Johns Hopkins offers programs of its own in Madrid, Paris, Buenos Aires, Rome, Bologna, Tokyo, Oxford and London. For Engineering majors, we have exchange programs in Germany, India, Singapore, Spain, Israel, China and Switzerland. Several summer and Intersession programs abroad have been offered to Ireland, Florence, Ghana, London, Paris, Sicily, Cuba, South Africa, Munich and the Galapagos Islands.

**Where can I get more information?**

Visit the Office of Study Abroad in the Levering Hall Annex. Walk-in advising hours are Monday – Friday 2:00 – 3:30 PM. To research various program options, a resource area is available Monday – Friday 10:00 AM – 4:30 PM. Online, go to the web site: http://studyabroad.jhu.edu/.

Engineering students should also speak to faculty advisors and advisors in the Office of Engineering Advising (103 Shaffer) to discuss how studying abroad may impact their engineering curriculum.
PRE-PROFESSIONAL ADVISING

The Johns Hopkins University Office of Pre-Professional Programs and Advising serves current students and alumni pursuing career interests in healthcare or law professions. Our role is to help you make informed decisions as a pre-health or pre-law student, secure relevant experience, overcome obstacles, and navigate the graduate professional school application process. Our office offers individual advising appointments, small group meetings, recruitment fairs and informational sessions, specialized workshops and experiential programs, bi-weekly newsletters for pre-health and pre-law featuring upcoming events and opportunities, online guides and resources, and other services to assist you with every step of your journey to graduate professional school. For more information about the services and resources offered by the Office of Pre-Professional Programs and Advising, visit our website at: studentaffairs.jhu.edu/preprofadvising.

Our resources are available to students beginning in their first year at the university. If you are considering a career in healthcare or law, it is imperative that you connect with our office early in your time here at Johns Hopkins.

If you are a PRE-HEALTH student (pre-med, pre-dental, pre-vet, etc.), we encourage you to do the following:

- **Download an appropriate pre-health guide** for your chosen career path – For example, *Guide One: Pre-Med & Pre-Dental Planning at Johns Hopkins* can be found at studentaffairs.jhu.edu/preprofadvising/pre-medhealth/guides. *Guide One* includes an overview of pre-health requirements, academic planning suggestions, advanced placement credit, covered grades, recommended courses, and more. **It is essential that you review a relevant pre-health guide before beginning your pre-health journey!**

- **Register for your listserv** – If you declared yourself pre-health in your Freshman Advising Profile, you will automatically be added to the “jhugradyear2021health” listserv to receive important emails from our office. If you did not indicate an interest in pre-health when you applied to Hopkins, please register for the pre-health listserv at studentaffairs.jhu.edu/preprofadvising/pre-medhealth/sign-up-for-the-pre-medhealth-listserv to receive electronic news, announcements, and other relevant information for Johns Hopkins pre-health students.

Register for a **First-Time Freshmen Small Group Meeting** – All pre-health freshmen are required to attend a first-time group meeting
**before** they can register for individual appointments with a pre-health advisor. The schedule of small group meetings will become available during the first week of classes.

- **Visit our Facebook page** – Search Facebook for “Johns Hopkins Office of Pre-Professional Programs & Advising” and “like” our page. We share information about events and programs as well as other important announcements on our Facebook page.

- **Attend programs and events** – All relevant events and programs are announced via the pre-health listserv and on our Facebook page!

**If you are a PRE-LAW student, we encourage you to do the following:**

- **Register for your listserv** – If you declared yourself pre-law in your Freshman Advising Profile, you will automatically be added to the “jhugradyear2021law” listserv to receive important emails from our office. If you did not indicate an interest in pre-law when you applied to Hopkins, please register for the pre-law listserv at studentaffairs.jhu.edu/preprofadvising/pre-law/pre-law-listserv to receive electronic news, announcements, and other relevant information for Johns Hopkins pre-law students.

- Meet with Ana Droskoski, J.D., Pre-Law Advisor, early in your undergraduate career.

- Consider majors that interest you and that will develop the basic foundational skills (reading, writing, analysis, broad world views and knowledge, etc.) that will help you succeed once you enroll in law school.

Choose courses that you are genuinely interested in taking. You will perform best in those courses that you find engaging and exciting.

- Attend pre-law-related programs sponsored by Pre-Professional Programs and Advising (all events and programs are announced on the “jhugradyear2021law” listserv).

- Participate in extracurricular activities you are interested in and passionate about.

- Consider study abroad opportunities.

- Seek summer opportunities in a legal setting or an internship during the school year.
COMMUNITY SERVICE

Center for Social Concern
The Center for Social Concern is the Student Life office dedicated to community service and civic engagement. Its programs emphasize the value of service with others, rather than the commonly accepted concept of service to others. The Center for Social Concern sponsors over 50 community services groups that perform direct service with the Baltimore community. Many freshmen begin work with these programs during Orientation activities, and continue their involvement throughout their years at Hopkins. Learn more about their program at http://www.jhu.edu/csc.

OFFICE OF INTERNATIONAL SERVICES

The Office of International Services (OIS) supports international students, scholars, and faculty at the Homewood Campus to ensure that the legal and cultural needs of our international communities are met and that these individuals can achieve their academic and personal goals. The office and staff also offer resources which help all members of our University community identify, understand and respond to the adjustment process of those who have newly entered the American culture.

Learn more about our office at http://ois.jhu.edu, visit us in 358 Garland Hall, or call 667-208-7001.

STUDENT LIFE

The Office of the Dean of Student Life, located in the Mattin Center, is directly responsible for many of the co-curricular programs on campus. 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.

Their website, www.jhu.edu/studentlife, provides an introduction to all of the opportunities to become involved in campus life.
OFFICE OF MULTICULTURAL AFFAIRS

The Office of Multicultural Affairs (OMA) strives to enhance the co-curricular experience of students of color and support the University’s efforts to promote diversity and inclusion. OMA achieves these goals by providing direct services to students and collaborating with members of the University and Baltimore communities to create an inclusive campus environment. The following services and programs are ways the OMA promotes diversity, leadership development and student success.

Diversity Programs and Initiatives

- Diversity Education
- Student Leadership Training
- Cultural Programs
- Individual Consultation and Referrals
- Advising for Multicultural Student Organizations
- Supporting First Year students via the Mentoring Assistance Peer Program (MAPP)

Multicultural Affairs Student Center (MASC)
The MASC is a place where all members of the University community can participate in academic and social events in a relaxed environment. The MASC also provides meeting rooms for campus offices and student organizations. Residents of the MASC include several of the University’s multicultural student organizations, Office of Multicultural Affairs and other identity specific offices (i.e.: Office of Gender Equity and LGBTQ Life).

3003 North Charles Street, Suite 100  Phone: 410-516-8730
Website: http://studentaffairs.jhu.edu/oma/

CENTER FOR STUDENT SUCCESS

The Center for Student Success (CSS) focuses on student’s holistic development as they embrace their potential and make meaningful connections with Johns Hopkins University peers, faculty, alumni and staff.

With an overall goal of enhancing students’ success as they transition to and from Johns Hopkins, we use the following high impact and transformational practices.
• Academic Guidance and Support
• Alumni and/or Faculty Networking Opportunities
• Coaching and Mentoring
• Cohort and other success programs for first generation and/or low income students; second year students; student athletes and populations underrepresented in medical professions.
• Community Building Opportunities in Baltimore
• Individual/Small Group Holistic Advising Sessions
• Large-Scale Large Scale Campus Events
• Pre-Orientation Programs
• Student Retreats
• Seminars and Workshops
• Summer Bridge Programs

---

Center for Student Success
3003 N Charles Street, Suite 183
Baltimore, MD 21218
Tel: 410-516-8666
E-Mail: studentsuccess@jhu.edu
Website: http://studentaffairs.jhu.edu/student-success/

---

MILTON S. EISENHOWER LIBRARY

Overview
MSE Library is the University’s principal research library. Librarians help students to research or find background information on any topic, and cite or organize their sources for bibliographies. Tours of the library are offered during Orientation, and workshops designed to familiarize new students with library services and research techniques are offered continually.

Once you arrive on campus, you will use your JCard to access the library building, check out books, request items from other Hopkins locations for delivery, and renew your materials online. Use your JHED ID and password to access the library's subscription databases from off-campus. The Information Desk and Research Consultation Office on M-Level of the MSE Library are staffed by people literally waiting to take your questions. Don’t be shy about walking in and asking for help. You can also receive assistance by calling 410-516-8335 and asking for the librarian on duty. Or, send in your question online to http://library.jhu.edu/services/forms/asklibrsc.html.

Website: http://library.jhu.edu
Phone: 410-516-8335
Email: asklib@jhu.edu
FINANCIAL AID

The Office of Student Financial Services administers federal, state, and institutional grants, loans, and work-study programs. The Office of Student Financial Services is happy to help you with any questions you may have about financial aid. You can also browse our homepage on the Web, where you can find up-to-the-minute financial aid information, do an outside scholarship search, and read our University publications.

It is vital that students and their families understand the connection of academic standing to eligibility for financial aid. Poor academic performance can affect eligibility. For details about financial aid policies, please carefully review the information at: http://www.jhu.edu/finaid.

146 Garland Hall 410-516-8028
fin_aid@jhu.edu

SCHOLARSHIPS AND FELLOWSHIPS

Johns Hopkins is committed to providing support for students interested in applying for nationally-competitive fellowships. The Director of Fellowships and Scholarships, Dr. Kelly Barry, oversees nearly twenty prestigious external awards that fund undergraduate study (such as the Goldwater and Udall Scholarships) and post-baccalaureate study/research (such as the Fulbright, Rhodes, Marshall, Truman and Churchill). She works with students to identify which fellowships fit their particular interests and abilities, advises them through the application process, and guides them toward composing their strongest, most compelling applications. As a first-year student, your best preparation for such scholarship competitions is doing well in your courses and building relationships with faculty. In your first or second year, you should attend one of the general information sessions held in the spring semester.

For a schedule of the information sessions and more details on scholarships, see http://web.jhu.edu/scholarships.

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 Director of Undergraduate Studies for Military Science at 410-516-7474 for enrollment procedures and scholarship information.
INDEX

Academic Integrity ........................................................................................................ 54
Academic Requirements ............................................................................................... 42
Advanced Placement Examinations ............................................................................ 46
Advising: Selecting Majors, Careers .......................................................................... 36
Advisors at Johns Hopkins ......................................................................................... 37, 77
Arts and Sciences Students, Course Selection ......................................................... 55
Attendance Policies ..................................................................................................... 50

B’More Intersession Course ......................................................................................... 53

Career Center .............................................................................................................. 79
Center for Student Success .......................................................................................... 84
Community Service ..................................................................................................... 83
Counseling Center ....................................................................................................... 80
Course Descriptions .................................................................................................... 64

Dental School ................................................................................................................ 81
Distribution Requirement ............................................................................................. 42

Email and Communication .......................................................................................... 54
Engineering Students, Course Selection ..................................................................... 59
Examinations, Other International ............................................................................. 49

Final Exam Schedule ................................................................................................... 53
Financial Aid ................................................................................................................ 52, 86
Foreign Language: Choosing a Language .................................................................. 67
Foreign Language: Placement ...................................................................................... 67

General Certificate of Education Exams (GCE) ......................................................... 49
Grading and Academic Status ..................................................................................... 50

International Baccalaureate ....................................................................................... 48
Intersession .................................................................................................................. 53

Law School .................................................................................................................. 82
Library and Its Services ............................................................................................... 85

Majors and Minors in Arts and Sciences .................................................................... 61
Majors and Minors in Engineering ............................................................................. 63
Math Placement ............................................................................................................ 56, 59, 70
Medical and Other Health Professions Schools ...................................................... 81
Music ............................................................................................................................. 70
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of International Services</td>
<td>83</td>
</tr>
<tr>
<td>Office of Multicultural Affairs</td>
<td>84</td>
</tr>
<tr>
<td>Outputs: Writing, Speaking, Other Presentations</td>
<td>75</td>
</tr>
<tr>
<td>Peabody Conservatory</td>
<td>71</td>
</tr>
<tr>
<td>Peabody Double-Degree Students, Course Selection</td>
<td>55</td>
</tr>
<tr>
<td>PILOT Peer-Led Team Learning</td>
<td>79</td>
</tr>
<tr>
<td>Pre-Professional Advising</td>
<td>81</td>
</tr>
<tr>
<td>ROTC</td>
<td>86</td>
</tr>
<tr>
<td>Scholarships and Fellowships</td>
<td>86</td>
</tr>
<tr>
<td>Student Disability Services Office</td>
<td>71</td>
</tr>
<tr>
<td>Student Life</td>
<td>83</td>
</tr>
<tr>
<td>Study Abroad</td>
<td>80</td>
</tr>
<tr>
<td>Study Consulting Program</td>
<td>78</td>
</tr>
<tr>
<td>Textbooks</td>
<td>66</td>
</tr>
<tr>
<td>Tips for Getting Started</td>
<td>38</td>
</tr>
<tr>
<td>Tips for the Start of the Semester</td>
<td>73</td>
</tr>
<tr>
<td>Transfer Credit</td>
<td>45</td>
</tr>
<tr>
<td>Tutoring at The Learning Den</td>
<td>78</td>
</tr>
<tr>
<td>University Catalog</td>
<td>53</td>
</tr>
<tr>
<td>Veterinary School</td>
<td>81</td>
</tr>
<tr>
<td>Waitlists for Courses</td>
<td>66</td>
</tr>
<tr>
<td>Writing Courses</td>
<td>44</td>
</tr>
<tr>
<td>Writing Process</td>
<td>76</td>
</tr>
<tr>
<td>Writing Requirement</td>
<td>44</td>
</tr>
</tbody>
</table>