DESCRIPTION OF
Majors

BIOLOGICAL SCIENCES (BISI)
A major in Biological Sciences is designed to offer you rigorous exposure to the modern experimental disciplines within biology. Our curriculum is designed to provide broad training from which you can pursue a career, professional school or graduate school in a range of areas. In the introductory courses you will clone genes, characterize enzymes, and use computers to simulate the effects of environmental stress on the population growth of organisms. With the help of faculty members, you will choose from these Biological Sciences specializations for your advanced program:

- **Cell Biology and Genetics (CEBG)** – emphasizes cellular biology of animals, plants and microbes and examines cellular structures and functions, and mechanisms of heredity and gene expression. This specialization, along with the biochemistry major, provides an excellent foundation for work in the growing field of biotechnology.

- **Ecology and Evolution (ECEV)** – focuses on the interaction of organisms with their environment and the evolutionary adaptations that allow organisms to fill specific environmental niches.

- **General Biology (GENB)** – provides broad training in biology at the cellular and organismal levels; prepares students for careers, graduate school, and the health professions.

- **Microbiology (MICB)** – examines the role of bacteria and viruses in disease, generation of the immune response to infections, gene replication and expression, cellular metabolism, and application of microbiological principles to genetic engineering.

- **Physiology and Neurobiology (PHNB)** – investigates the structure and function of organisms from the cellular to the system level of organization. The curriculum includes courses in physiology and cellular biology.

**Individualized Studies (BIVS)** – BIVS allows students to combine the rigors of a Biological Sciences degree with interdisciplinary studies. BIVS students can integrate studies in biology with fields such as mathematics, physics, linguistics, or psychology. BIVS is reserved for students with truly interdisciplinary interests, and requires a written plan of study approved by the Assistant Dean of Undergraduate Academic Programs.

CHEMISTRY (CHEM) & BIOCHEMISTRY (BCHM)
Chemistry is the central science—it bridges with physics and materials science, with the biological sciences and medicine, and with the earth and planetary sciences. Chemists and biochemists work on new product development and testing, measurements for standardization, and development of new analytical techniques. Environmental chemists measure toxins in the environment, conduct research into the biochemical reaction mechanisms of possible pollutants, and provide insights into the development of new compounds that are less toxic to humankind and the environment. Many students with degrees in chemistry or biochemistry choose to pursue an advanced degree in graduate school, or to attend medical, dental, pharmacology, or veterinary schools.

ENVIRONMENTAL SCIENCE AND POLICY (ENSP)
provides an integrative multidisciplinary framework for understanding the environment and emerging global challenges through the intersection of science, social systems, and policy. Students who concentrate in Biodiversity and Conservation study the biological principles that influence the diversity of life, with a focus on the disciplines of ecology and evolution, and the processes that create and reduce biological diversity. Students who concentrate in Environmental Geosciences and Restoration study the emerging discipline of environmental restoration with core sciences.
ASTRONOMY (ASTR)
A degree in Astronomy can launch you on a successful pursuit of the answers to mysteries humans have pondered for ages. In addition to astronomy, our students are given a strong education in math and physics. They are also strongly encouraged to do research with our faculty, who have access to world class facilities; they make discoveries with space missions, space telescopes, and ground-based telescopes around the world, or use state-of-the-art computational facilities to push theoretical simulations to their limits. Our graduates go on to fulfilling careers in research, education, government, industry, observatories, museums, etc.

MATHEMATICS (MATH)
Mathematics is one of the oldest and most fundamental sciences. Mathematicians use mathematical theory, computational techniques, algorithms, and the latest computer technology to solve economic, scientific, engineering, and business problems. The Department of Mathematics educates its majors in a broad range of modern mathematics while instilling in them a strong ability to solve problems, apply mathematics to other areas, and create rigorous mathematical arguments. The program prepares the majors to further their mathematical education in graduate school, or to teach at the secondary school level, or to work in government or business.

ATMOSPHERIC AND OCEANIC SCIENCE (AOSC)
Our major explores the most complex environmental issues faced by modern society. With a strong background in the fundamentals of meteorology and oceanography, as well as physics, chemistry and math, our graduates pursue graduate studies and/or go on to such diverse jobs as government researchers at NASA and NOAA, forecasters for private companies and the government, disaster risk consultants for insurance companies, and forecasters for the evening news. The program also places a heavy emphasis on research; a senior thesis based on original research of the student's chosen topic is the capstone graduation requirement.

PHYSICS (PHYS)
Physics students enjoy both the benefits of a large research university and the supportive environment of a close-knit department. With small class sizes, our internationally recognized faculty get to know each of our majors individually. In addition to being excellent teachers, these faculty believe that the most important physics education occurs outside the classroom, and all of our majors are encouraged to participate in cutting-edge research. Many of our graduates continue to study physics in graduate school; others go to work in fields such as engineering, software development, law, business or education.

COMPUTER SCIENCE (CMSC)
The Computer Science major is for the academically curious student, who wants to explore all the ways they can create something new with a computer. In the first half of the program, students receive a strong education in the foundations of how the computer works, both theory and practice; then in the second half of their education, students are able to tailor their studies, based on their strengths and interests, to take them in the direction in which they want to go as professionals.

GEOLOGY (GEOL)
Geological studies encompass all the physical, chemical and biological aspects of Earth. Geologists study Earth's internal and surficial structure and materials, the chemical and physical processes acting within and on the Earth, and utilize the principles of all of the natural sciences to understand our planet and its environments. Geologists take a holistic approach in the collection and interpretation of data about the Earth; in studying the Earth as a system, they are concerned with geology and geophysics, hydrology, oceanography and marine science, meteorology and atmospheric science, planetary science, and soil science. Our graduates are employed by a myriad of governmental, industrial and academic organizations.
DEPARTMENT OFFICES

**Astronomy**  
Dr. Melissa Hayes-Gehrke  
301.405.1562  
mhayesge@umd.edu  
1247 Computer & Space Sciences Bldg.

**Atmospheric & Oceanic Science**  
Dr. Tim Canty  
301.405.5360  
tcanty@atmos.umd.edu  
3427 Computer & Space Sciences Bldg.

**Biochemistry and Chemistry**  
Dr. Michael Montague-Smith  
301.405.1791  
mpms@umd.edu  
1206 Chemistry Building

**Biology**  
Dr. Reid Compton  
301.405.6916  
compton@umd.edu  
2227 Biology Psychology Building

**Cell Biology and Molecular Genetics**  
Dr. David Straney  
301.405.1622  
straney@umd.edu  
2222 H.J. Patterson Hall

**Computer Science**  
CS Undergraduate Advising  
301.405.2672  
undergrad@cs.umd.edu  
1119 AV Williams Building

**Entomology**  
Dr. Bretton Kent  
301.405.3125  
bkent@umd.edu  
3142 Plant Sciences Building

**Geology**  
Dr. John Merck  
301.405.4379  
jmerck@umd.edu  
1119 Geology Building

**Mathematics**  
Ms. Ida Chan  
301.405.7582  
ichan@umd.edu  
1115 Mathematics Building

**Physics**  
Mr. Tom Gleason  
301.405.5979  
tgleason@umd.edu  
1120 Physics Building
**LEP Benchmarks**

You are expected to complete the following courses with a C- or better. For **freshman direct admits**, these courses must be completed by the **end of your third and fifth semesters** (or 45 and 75 attempted credits) in the major. For **internal and external transfers**, these courses must be completed by the **end of your second semester** in the major.

<table>
<thead>
<tr>
<th>Major</th>
<th>45 Credit Benchmarks</th>
<th>75 Credit Benchmarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGICAL SCIENCES</td>
<td>MATH 130 OR MATH 140&lt;br&gt;BSCI 160, 161, 170, 171&lt;br&gt;2 SEMESTERS OF CHEMISTRY WITH LAB*</td>
<td>MATH 131 OR MATH 141&lt;br&gt;BSCI 207, 222&lt;br&gt;2 ADDITIONAL SEMESTERS OF CHEMISTRY WITH LAB*</td>
</tr>
<tr>
<td>BIOCHEMISTRY AND CHEMISTRY</td>
<td>MATH 140, 141&lt;br&gt;2 SEMESTERS OF CHEMISTRY WITH LAB*</td>
<td>PHYS 161/141&lt;br&gt;BSCI 170, 171&lt;br&gt;2 ADDITIONAL SEMESTERS OF CHEMISTRY WITH LAB*</td>
</tr>
<tr>
<td>ENVIRONMENTAL SCIENCES AND POLICY</td>
<td>MATH 130, 220 OR 140&lt;br&gt;BSCI 160, 161, 170, 171&lt;br&gt;CHEM 131, 132&lt;br&gt;ENSP 101, 102</td>
<td>1 ADDITIONAL SEMESTER OF CHEMISTRY WITH LAB*&lt;br&gt;BSCI 160, 161, 170, 171&lt;br&gt;MATH 131, 141 OR 221</td>
</tr>
</tbody>
</table>

* FOR SPECIFIC CHEMISTRY COURSES NEEDED VISIT WWW.LEP.UMD.EDU.

**PLEASE NOTE**

- Only one gateway or performance review course may be repeated to earn the required grade and that course may only be repeated once. When more than one course can satisfy a gateway requirement, taking a second course from the list will count as a repeat. This policy will be in effect for all students who first matriculated at the University of Maryland in Spring 2015 or later.
- Students may apply only once to an LEP. Students who are directly admitted and fail to meet the performance review criteria will be dismissed from the major and may not reapply.
- Students must maintain a minimum cumulative GPA of 2.0. Failure to do so will result in dismissal from the major.
- Any student denied admission or dismissed from the major may appeal in writing directly to the Assistant Dean for Student Services – 1300 Symons Hall.
Benchmarks

You are expected to complete the following Benchmark courses with a C- or better. These courses must be completed by the **end of your second and fourth semesters** (or 30 and 60 attempted credits) in the major.

<table>
<thead>
<tr>
<th>Major</th>
<th>30 Credit Benchmarks</th>
<th>60 Credit Benchmarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTRONOMY</td>
<td>ASTR 120, 121</td>
<td>MATH 141</td>
</tr>
<tr>
<td></td>
<td>MATH 140</td>
<td>PHYS 171, 174, 272</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MATH 241</td>
</tr>
<tr>
<td>ATMOSPHERIC &amp; OCEANIC SCIENCE</td>
<td>PHYS 161 OR 171</td>
<td>MATH 241, 246</td>
</tr>
<tr>
<td></td>
<td>CHEM 131 OR 135, AND CHEM 132 OR 136 MATH 140, 141 AOSC 200, 201</td>
<td>PHYS 272, 273, 275</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CMSC 106 OR CMSC 131</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 400-LEVEL AOSC COURSES</td>
</tr>
<tr>
<td>GEOLOGY - ALL TRACKS</td>
<td>2 ADDITIONAL GEN ED COURSES</td>
<td>MATH 140, 141</td>
</tr>
<tr>
<td></td>
<td>FOUR 3-4 CREDIT MAJOR COURSES</td>
<td>PHYS 141 OR PHYS 161/174</td>
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<tr>
<td></td>
<td></td>
<td>TWO 3-4 CREDIT MAJOR COURSES</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>(BY 45 CREDITS) MATH 140, 141 CMSC 131, 132, 216, 250</td>
<td>(BY 75 CREDITS) STAT 4XX MATH/AMSC/STAT XXX (MATH 141 PREREQ) CMSC 330, 351</td>
</tr>
<tr>
<td>MATH - TRADITIONAL TRACK</td>
<td>MATH 140, 141</td>
<td>MATH 240, 241, 246, 310</td>
</tr>
<tr>
<td>MATH - STATISTICS TRACK</td>
<td>3 GEN ED COURSES</td>
<td>COMPUTER SCIENCE REQUIREMENT</td>
</tr>
<tr>
<td>MATH - SECONDARY EDUCATION TRACK</td>
<td>MATH 140, 141</td>
<td>MATH 240, 241, 310</td>
</tr>
<tr>
<td></td>
<td>3 GEN ED COURSES</td>
<td>1 400-LEVEL MATH/AMSC/STAT COURSE COMPUTER SCIENCE REQUIREMENT</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>PHYS 171, 174</td>
<td>PHYS 272, 273, 274*, 275, 276</td>
</tr>
<tr>
<td></td>
<td>MATH 140, 141</td>
<td>MATH 241, 246</td>
</tr>
<tr>
<td>PHYSICS - EDUCATION TRACK</td>
<td>PHYS 171, 174</td>
<td>PHYS 272, 273, 275, 276</td>
</tr>
<tr>
<td></td>
<td>MATH 140, 141</td>
<td>MATH 241, 246</td>
</tr>
<tr>
<td>PHYSICS - METEOROLOGY TRACK</td>
<td>PHYS 171, 174</td>
<td>PHYS 272, 273, 275, 276</td>
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<tr>
<td></td>
<td>MATH 140, 141</td>
<td>MATH 241, 246</td>
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<tr>
<td></td>
<td>CHEM 135, 136</td>
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</tr>
</tbody>
</table>

* Students planning to complete second majors that require MATH 246 and MATH 240/461 can substitute these courses for PHYS 274. However, physics majors are encouraged to complete PHYS 274.
Student Organizations

PEER MENTORS
We’re available to:
• Assist you in developing four year plans
• Direct you to internship and career information in the Peer Mentor Office
• Discuss course content and selection
• Help you with course scheduling and registration
• Teach UNIV100

To learn more about us, visit our website at: cmns.umd.edu/peermentors or e-mail: peermentorsumd@gmail.com, or talk to us online.
AIM Screen Name: PeerMentorsUMD
Twitter: @cmnspeermentors

We’re located in the Peer Mentor Office, 1317 Symons Hall.

STUDENT ADVISORY BOARD
The CMNS Student Advisory Board consists of undergraduates from each department in the College. The Board provides student input and perspective to the Dean of CMNS and other College officials on matters related to campus and CMNS academic programs, initiatives and other activities that affect students.

Contact a Student Advisory Board member if you have comments or suggestions related to your major, CMNS, or your university experience in general.

Visit cmns.umd.edu/sab for contact information and updates from the Student Advisory Board.

HEALTH PROFESSIONS ADVISING OFFICE (HPAO) STUDENT ADVISORY BOARD (SAB)
The HPAO Student Advisory Board is a group of pre-health students at the University of Maryland who are pursuing careers in medicine, dentistry, and a variety of other health professions. These students are here to help other pre-health students based on their experience regarding classes, applications, interviews, and more.

Want to contact an advisory board member? Visit the HPAO (1210 H. J. Patterson) during their office hours. SAB members are only available in the Fall/Spring semesters. Their office hours will be posted in late August.

Info: prehealth.umd.edu/aboutus/studentadvisoryboard
TIPS ON MAKING YOUR

Four Year Plan

TESTUDO
Pay attention to co-requisites, pre-requisites and course restrictions on Testudo.

ONCE A YEAR
Check course offerings. Some are only offered in the fall or spring semester. For example CHEM395, CHEM401, and BCHM485 are only offered in the spring.

SHORT TERMS
A limited number of science and math classes are offered in the summer and almost none in the winter due to condensed terms.

FULL TIME
You need 12 credits per semester to be a full time student. A maximum of 17 credits can be taken per fall or spring semester without special permission. There is a 4 credit max in the winter, and an 8 credit max for each summer session.

TYPICAL LOAD
A typical course load for a student in CMNS is anywhere from 13-17 credits per semester.

CONSECUTIVE SEMESTERS
Major and supporting courses that are part of a sequence should be taken in consecutive semesters.

TWO LAB CLASSES
For BSCI/BCHM/CHEM/ENSP majors: Take a maximum of two lab classes per semester. If possible, take only one 300 or 400-level lab at a time.

TWO TECHNICAL CLASSES
All other majors: Take a maximum of two technical classes per semester. Technical classes include major and supporting requirements and labs.

BLEND
In general, try to combine science and non-science classes each semester.

GENERAL EDUCATION EARLY
Try to complete your Distributive General Education requirements by the time you reach 60 credits. English 101 must be attempted in your first 30 credits.

STUDY ABROAD
You can study abroad during any part of the school year (fall, spring, summer, and winter).

PROFESSIONAL SCHOOLS
Know what professional school courses are required and recommended before making your plan.

MINORS AND CERTIFICATES
Minors range from 15-24 credits. An updated list of minors and certificate programs can be found on the Undergraduate Catalog at www.umd.edu/catalog.

The Peer Mentors in 1317 Symons Hall are available to assist in developing your four year plan.
Get Connected

CMNS UNDERGRAD NEWS
• An email-based newsletter that provides information on important dates and deadlines, updated advising information, specific internship opportunities, student organizations, and much more.
• To subscribe, send an email to: listserv@listserv.umd.edu. In the text area write: subscribe CMNS UNDERGRAD NEWS your name.
• Students new to the university and CMNS should automatically receive CMNS undergrad news.

PREHEALTH ADVISING LISTSERV
• The Health Professions Advising Office (prehealth.umd.edu) will share important information such as event announcements, internship and volunteer opportunities, healthcare news, health school testing information, academic advising, and student organization updates.
• To subscribe, send an email to: listserv@listserv.umd.edu. In text area write: subscribe premedadvising your name. Leave the subject line blank.

RESEARCH OPPORTUNITIES
Each department in the College offers opportunities for students to gain research experience and earn academic credit under the mentorship of a faculty member. There are many off-campus research opportunities as well. Students who wish to pursue longer-term independent projects may apply to departmental honors programs.

INTERNSHIPS
An internship is an extracurricular experience that offers a strong educational component in addition to offering practical training in a particular field.

Experiences common for CMNS students include research internships, clinical internships, industry positions, science education, and community service. Internships can be either on or off campus.

• For more information on finding an internship or research, contact your academic advisor, talk with one of the Peer Mentors in 1317 Symons Hall, email excels@umd.edu, or visit cmns.umd.edu/undergraduate/research-internships.

TERRAPIN TEACHERS SEMINARS
• Explore STEM teaching as a career—a new and innovative approach to teacher preparation
• 1-credit seminars
• Seminar 1 TLPL101 Inquiry Teaching of STEM in Elementary School
• Seminar 2 TLPL102 Inquiry Teaching of STEM in Middle School

terrapinteachers.umd.edu

University Career Center @ CMNS
Whether you are a student who knows exactly what you want to do after college or you are still exploring many different career options, career exploration during college provides an opportunity to think about what applications of your college learning will be most satisfying to you after college.

In addition to the campus-wide University Career Center & The President’s Promise, there’s also someone just for you in CMNS!

Rachel Wobrak ’05
Program Director, CMNS
1320 Symons Hall
rwobrak@umd.edu
301-314-7242
Frequently Asked Questions

Q: I’m thinking about a career in medicine or a health-related field. Where can I get more information?
A: Visit prehealth.umd.edu. Attend one of the free workshops offered throughout the year. Also, be sure to sign up for the pre-med listserv.

Q: Where can I find information on studying abroad?
A: Visit www.globalmaryland.umd.edu/offices/education-abroad. Education Abroad advisors will help you with the process.

Q: I’m still not sure about what I want to do as a career. Where can I go to speak with someone?

Q: Do faculty members want to talk to me?
A: YES! But you have to take the initiative to reach out. During their office hours you can discuss course material, careers, and their research.

Q: I don’t know many other students. How can I get connected?
A: There are hundreds of student organizations on campus, for just about anything you can think of. Check out the organization descriptions at www.orgsync.umd.edu.

Q: I need to discuss personal issues with someone. Who can I talk to?
A: You can speak with your academic advisor, or visit the Counseling Center: www.counseling.umd.edu.

Q: I really need to improve my time management and/or study skills. Where can I go?
A: Check out the Learning Assistance Service at www.counseling.umd.edu/LAS. They have academic coaches who can help you become an effective learner and student.

Q: What if I have other academic questions?
A: Check the CMNS website: www.cmns.umd.edu or the Undergraduate Catalog: www.umd.edu/catalog. If you cannot find an answer, contact your advisor or call the CMNS Student Services Office at 301-405-2080.

Q: Can I retake the Math Placement Exam (MPE)?
A: Yes, you can retake the MPE one time. Send an email with your full name and UID to place@math.umd.edu. See www-math.umd.edu/placement-test-information.html.
Q: Can I exempt out of Computer Science courses?
A: Yes. If you have taken computer science courses at another institution, or simply have the knowledge and skills, you can take the Exemption Exams offered through the CS department for CMSC 131, 132, 216 and 250. These exams are used only to determine appropriate placement, they are not for credit. See undergrad.cs.umd.edu/exemption-exams.

Q: Is advising mandatory?
A: Yes, advising is mandatory for all CMNS students every semester. You are electronically blocked from registering for the next semester until you have met with your academic advisor.

Q: How do I add a second major?
A: To add a second major, you must complete a Declaration of Major/Double Major Form. You can get this form at the CMNS Undergraduate Student Services Office, 1300 Symons Hall.

For transfer students:

Q: How are classes at the University of Maryland different from ones at a community college?
A: The expectations of faculty at UMD are generally higher than the expectations of faculty at a two-year institution. The level of competition in classes is higher as well. Be prepared to adapt if your previous study strategies and time management techniques don’t work.

Q: Are courses at UMD really going to be that much tougher?
A: It depends on what institution you came from, but it doesn’t hurt to err on the side of being more cautious in your first semester. Plan to study 2 to 4 hours per hour in lecture for each course.
Campus Resources

Tutoring and Academic Support Resources
cmns.umd.edu/undergraduate/academic-support-tutoring
Online list of tutoring and academic support resources. A few resources are listed below:

Learning Assistance Service
www.counseling.umd.edu/LAS
Helps students improve time management and study skills.

Math Success Program
www.reslife.umd.edu/programs/math_success
Provides free math tutoring.

Math Test Bank
db.math.umd.edu/testbank
Database of old math exams.

The Writing Center
www.english.umd.edu/academics/writingcenter
Consultants help students improve written assignments for any class.

Disability Support Services
www.counseling.umd.edu/DSS
301.314.7682
Coordinates accommodations for students with disabilities. Students must contact DSS to determine eligibility for services.

Education Abroad
www.globalmaryland.umd.edu/offices/education-abroad
Coordinates studying abroad.

Office of Multi-Ethnic Student Education
www.omse.umd.edu
Provides academic, personal, and professional support to multi-ethnic students.

University Career Center
www.careers.umd.edu
Helps students plan career goals. Assists with job/internship searches, creating resumes, interview skills, finding a part-time job on campus, and more.

The Reed-Yorke Health Professions Advising Office
www.prehealth.umd.edu
Provides advising and other resources to pre-health profession students (pre-med, pre-dental, etc.) Be sure to sign up for their listserv.

University Health Center
www.health.umd.edu
301.314.8180
Offers clinical and mental health services. A pharmacy is located in their building.

Counseling Center
www.counseling.umd.edu
301.314.7651
The Counseling Center and the University Health Center provide free confidential services by professional counselors.

LGBT Equity Center
www.umd.edu/lgbt
Provides information and support services regarding sexual orientation and gender identity.

Office of Student Financial Aid
www.financialaid.umd.edu/
Provides information on loans, payment plans, grants, scholarships, and the Federal Work-Study program. Financial aid counselors are available.

Scholarships
www.cmns.umd.edu/undergraduate/scholarships
Information about campus, college, CMNS departmental, and off-campus scholarships.

Office of Information Technology
www.it.umd.edu/students.html
301.405.1500
Provides assistance when you have problems with IT resources. Free software downloads at www.terpware.umd.edu

Office of the Registrar
www.rr.umd.edu
301.314.8240
Oversees student records. Has information on class schedules, academic deadlines, and the Undergraduate Catalog. Testudo and Venus are accessible through the website.

Department of Resident Life
www.reslife.umd.edu
Has information about on- and off-campus housing.

Student Organizations
www.orgsync.umd.edu
Information on student organizations.

Leadership and Community Service Learning
www.thestamp.umd.edu/leadership_community_service-learning
Provides academic programs and resources for leadership and service-learning. Has a database of community service opportunities.
IMPORTANT UNIVERSITY & COLLEGE

Information

SCHEDULE ADJUSTMENT PERIOD:
During the first 10 days of class, you can add and drop classes freely.

WITHDRAWING FROM CLASSES:
After the first ten days of class, you can withdraw from a maximum of 4 credits per semester, until approximately one month before the end of classes. Check the Registration Guide for exact dates.

REPEATING CLASSES:
You may attempt a class a maximum of two times. Withdrawing from a class counts as an attempt. You may repeat no more than 18 total credits.

TAKING CLASSES OUTSIDE OF UMD:
You must fill out a Permission to Enroll form before taking a course at another institution. The form is available at 1300 Symons Hall.

FOUR-YEAR PLANS:
You are required to create and update your four-year (graduation) plan every semester.

SCHEDULING APPROPRIATELY:
It is your responsibility to select course times (including labs) that do not conflict with religious holidays or other major commitments; multiple absences in a course could result in failure of the course.

COLLEGE OF

COMPUTER, MATHEMATICAL, & NATURAL SCIENCES

CMNS.UMD.EDU