

# Computational & Physical Sciences Area Meeting

Orientation 2018



# Meeting Focus:

- Degree Requirements
- Tips for Academic Success
- Academic Resources
- Academic Advising



# The University of Georgia

- Comprised of 17 Schools and Colleges
- Each School/College headed by a dean
- Schools/Colleges are made up of Departments of related disciplines
- Majors are housed in Departments
- Computational & physical science majors are in the Franklin College of Arts & Sciences



# Computational & Physical Science Majors

- ◉ Atmospheric Sciences
- ◉ Computer Science
- ◉ Geography
- ◉ Geology
- ◉ Mathematics
- ◉ Physics
- ◉ Physics & Astronomy
- ◉ Statistics



# A Degree from the Franklin College of Arts & Sciences

- Designed to provide well rounded college experience and for success following graduation
- 120 credit hours plus 1 hour PE
- 4 sets of requirements:
  - University
  - UGA Core
  - Franklin College
  - Major



# 120 Hours Academic Credit

Plus one hour of PE

**48-60 Hours**

“Core Courses”

Including: University, UGA core,  
Franklin College Requirements

**23-33**

**Hours**

Major Courses

**37-47**

**Hours**

Prerequisites &  
Electives



# UGA Core

Core Area	What's in it?
AREA I	English and Mathematics <i>Three courses: ENGL 1101, ENGL 1102/1103, MATH 1113</i>
AREA II	Life Science and Physical Science <i>One course in each. One must have a laboratory.</i>
AREA III	Mathematics, Computer Science, or Statistics <i>One course</i>
AREA IV	Foreign Language, World Culture Courses <i>Three courses</i> Humanities and the Arts <i>One course</i>
AREA V	Social Sciences <i>Three courses, most students include one course in US/GA History and one course in Federal/GA Government</i>
AREA VI	18 Hours (~6 courses) <i>Courses required are major specific</i>

# Franklin College Requirements

Requirement	How?
Foreign Language – Complete through the 3 <sup>rd</sup> semester	<i>Take the placement exam to continue HS language (1-2 classes) Begin a new language (3 classes)</i>
Biological Science -1	<i>Choose wisely. This should also be your Area II Life Science</i>
Physical Science -1	<i>Choose wisely. This should also be your Area II Physical Science</i>
Literature -1	<i>Cannot “AP” out of this requirement. Some are multicultural.</i>
Social Science - 2	<i>POLS 1101, for most students Plus one more course. Lots of choices: ECON, INTL, PSYC, etc. Also fills Area V</i>
History - 1	<i>HIST 2111 or HIST 2112, for most students Also fills Area V</i>
FA/PHIL/RELI - 2	<i>An opportunity to take interesting courses outside STEM! CSCI majors take CSCI 3030 as one of their two courses Some are multicultural</i>
Multicultural - 1	<i>Emphasis placed on cultures within the United States</i>



# University System of Georgia Core Curriculum Requirements

Area I:  
Foundation Courses

Area II:  
Sciences **PBIO 1020**

Area III:  
Quantitative Reasoning

Area IV:  
World Languages, Culture,  
Humanities and the Arts **ARTS 2050**

Area V:  
Social Sciences **HIST 2111**  
**POLS 1101**

## UGA Requirements

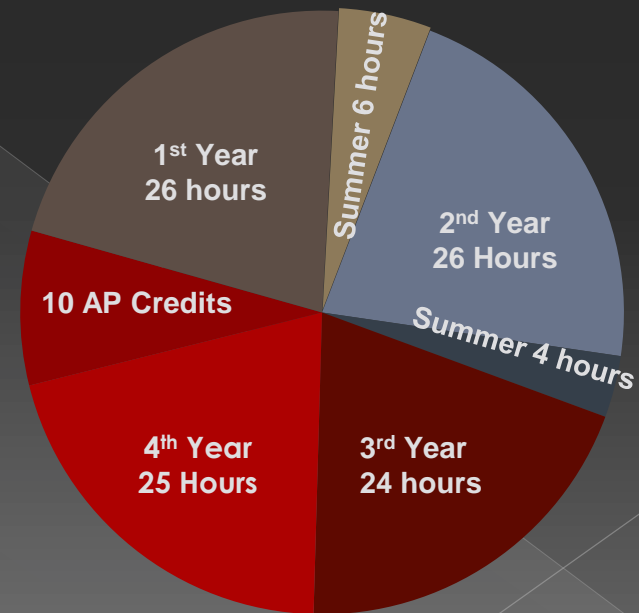
US Constitution	<b>OK</b>
GA Constitution	<b>OK</b>
US/GA History	<b>OK</b>
PEDB	
Environmental Literacy	<b>OK</b>
Cultural Diversity	<b>OK</b>
Experiential Learning	

## Franklin College Requirements

Foreign Language ( <i>through the 3<sup>rd</sup> semester</i> )	
Fine Arts/Phil/Reli	
Fine Arts/Phil/Reli	<b>OK</b>
Social Science	
Social Science	<b>OK</b>
Biological Science	<b>OK</b>
Physical Science	
Multicultural	<b>OK</b>
Literature	
History	<b>OK</b>

# How to Graduate in Four Years

- 15 credit hours per semester myth
- Think 30, 60, 90 hour benchmarks instead



Now you know what you  
have to do...

How are you going to get it all done?



# Start with the Math Placement Exam

- 26-questions
- Takes about an hour
- \$25
- Monday through Friday, 8:30 – 4:30, at Testing Services
- Gwinnett Campus: June 9 & 23, 9:00-4:00, or July 12, 9:00-1:00
- Score 16+, exempt MATH 1113 (pre-calculus) and place into MATH 2250 (calculus)



# Plan a Balanced Schedule for Fall Semester

- Take 2 STEM Courses:

MATH 1113 (3) or MATH  
2250 (4) or MATH 2260 (4)

CSCI 1301 (4)

Physical Science with  
Lab (4)

Biological Science with  
Lab (4)

- Take 2 Non-STEM Courses:

ENGL 1101 (3) or ENGL  
1102(3) or ENGL 1103 (3)

Foreign Language (4)

Area IV Humanities & the  
Arts (3)

Area V Social Science (3)



# Plan Your Week

- Each credit hour represents ~1 hour in class per week
- 14 credits means approximately 14 hours in class each week
- Spend a minimum of 2-3 hours per week studying per credit hour
- 14 credits means a minimum of 28-42 hours studying



# Take Advantage of the Division of Academic Enhancement

- UGA's **BEST** students utilize tutoring
- Often the difference between a "B" and an "A"
- Many options



# Tutoring Options Include:

- Individual Tutoring
- Small Group Tutoring
- Drop-in Tutoring
- Mathematics Study Lab
- Workshops: study strategies, time management, test preparation, and more





# **Three** things successful students do by the second week of class:

- Go to tutoring for math or science class
- Create a study group
- Use instructor walk-in hours to ask questions and clarify material



# Important Resources

- ◉ UGA Email
- ◉ Athena
- ◉ UGA Bulletin
- ◉ DegreeWorks
- ◉ SAGE
- ◉ Franklin Website



# UGA Email

- **CHECK IT DAILY!**
- All official UGA correspondence comes to your UGA email
- All emails sent concerning UGA, including advising questions, must come from a valid UGA email (FERPA)
- Advising appointment time will be sent via UGA email tomorrow morning
- To access your UGA email:  
[ugamail.uga.edu](mailto:ugamail.uga.edu)  
or UGA App

Contact EITS at 706-542-3106 or [helpdesk@uga.edu](mailto:helpdesk@uga.edu)  
if you can not access your UGA email



- Register for classes
- Withdrawals
- Change Majors
- See Transcripts
- Check Registration Holds

<https://athena.uga.edu>

The screenshot shows the ATHENA student portal interface. At the top, there is a red header with the word "ATHENA" in white serif font. To the right of the header, there are links for "Sign Out" and "Help". Below the header, a white banner displays a welcome message: "Welcome, Michael Merva, to the new Athena!". To the right of the banner is a search bar with the placeholder text "Find a page...". Below the banner, a breadcrumb trail reads "Home > Student > Registration". A navigation bar contains four buttons: "Personal Information", "Student", "Financial Aid", and "Faculty Services". The "Student" button is highlighted. Below the navigation bar, there are three main menu items: "Registration", "Student Records", and "Student Account". The "Registration" menu is expanded, showing a list of options: "Select Term", "Change Class Options", "Registration Status", "Add or Drop Classes", "Week at a Glance", "Active Registration", "Look Up Classes", "Student Detail Schedule", and "Registration History". At the bottom left of the page, it says "RELEASE: 8.5.4", and at the bottom right, it says "SITE MAP".

- Course Descriptions

- Degree Requirements

- Majors, Minors, Certificates

- Academic Policies

<https://bulletin.uga.edu>

The screenshot shows the homepage of the UGA Bulletin website. At the top, there is a red navigation bar with the UGA logo and the text "UGA Bulletin". Below this are three tabs: "MAJORS", "COURSES", and "UNIVERSITY INFORMATION". The main content area features a large image of a student in a red cap and blue shirt sitting at a desk with a computer. Below the image is a red banner with the text "Welcome to the Spring 2009 UGA Bulletin" and "The official University of Georgia resource for majors, courses, and academic information". To the right of the image is a "NEWS" section with a red arrow icon and several links: "Let us know what you think of the new UGA Bulletin.", "New General Education Core Curriculum - Effective Fall 2008", "Core Curriculum For students enrolled prior to Fall 2008". Below the banner are three main sections: "Explore" with a globe icon, "Search" with a magnifying glass icon, and "Compare" with a double-headed arrow icon. Each section has a "Start Now" button. On the right side, there is a "Quicklinks" section with a list of links: "Academic Calendar", "Admissions", "Bulletin Archives", "Bulletin Deadlines", "Bulletin Updates", "Campus Map", "Daily Class Schedule", "Final Exam Conflicts", "Site Index", "OASIS", "Plus/Minus Grading FAQ", and "Transfer Equivalency Search".

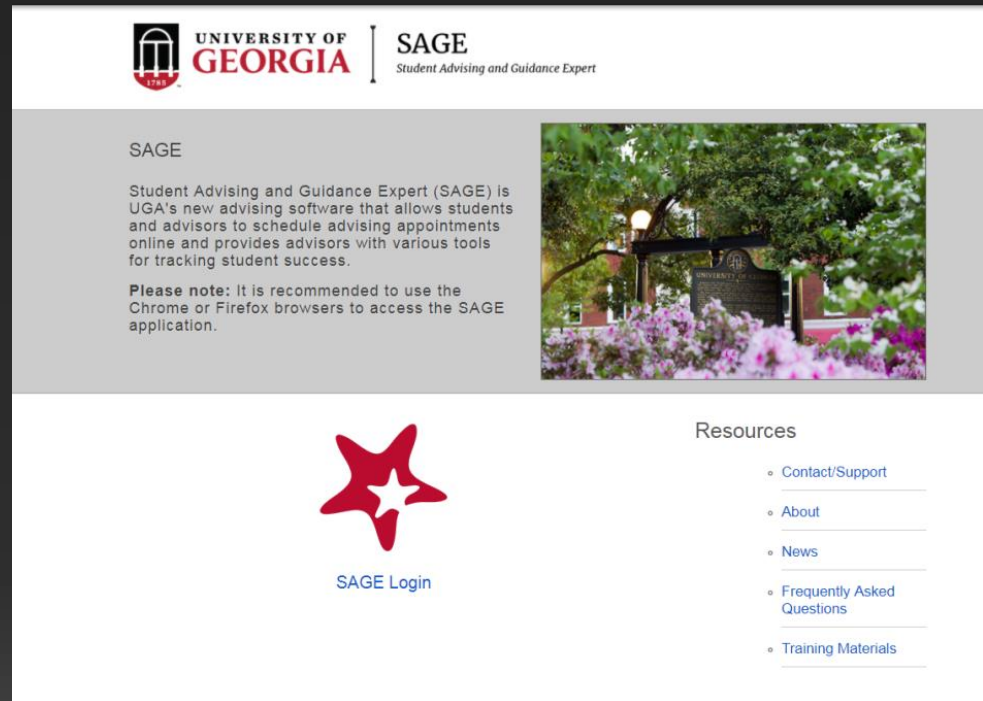
- Degree Audit
- Shows which courses are complete, in progress, need to be completed
- Provides list of courses that satisfy specific areas of core as well as major courses
- Plans used for advising

<https://degreeworks.uga.edu>

GPA Calc					
Format:					
Student View	<a href="#">View</a>	<a href="#">Save as PDF</a>	<a href="#">Process New</a>	<a href="#">Class History</a>	<a href="#">Custom GPA Calculator</a>
<b>Area I: Foundation Courses</b>					<b>Credits Applied: 9</b>
A grade of C (2.0) or better is required for English 1101 and an average of 2.0 or better is required for both English 1101 and 1102					
<input checked="" type="checkbox"/>	English Composition I	ENGL 1101	ENGLISH COMP I	B	3 Fall 2012
<input checked="" type="checkbox"/>	English Composition II	ENGL 1102	ENGLISH COMP II	(IP) (3)	Spring 2013
<input checked="" type="checkbox"/>	Mathematics	MATH 1113	PRECALCULUS	B	3 Fall 2012
<b>Area II: Sciences</b>					<b>Credits Required: 7</b>
AREA II: Sciences					<b>Credits Applied: 8</b>
Option II: 3-4 Credits Physical, 4 Credits Life					
<input checked="" type="checkbox"/>	Physical Sciences - 3-4 credits				
<input checked="" type="checkbox"/>	Freshman Chemistry I	CHEM 1211	FRESHMAN CHEM I	A-	3 Fall 2012
		CHEM 1211L	FRESHM CHEM LAB I	B-	1 Fall 2012
<input checked="" type="checkbox"/>	Life Sciences - 4 credits				
<input checked="" type="checkbox"/>	Principles of Biology I	BIOL 1107	PRINCIPLES OF BIO I	(IP) (3)	Fall 2013
		BIOL 1107L	PRIN BIOL I LAB	(IP) (1)	Fall 2013
<b>Area III: Quantitative Reasoning</b>					<b>Credits Required: 3</b>
Quantitative Reasoning					<b>Credits Applied: 4</b>
<input checked="" type="checkbox"/>	MATH 2250	CALC I SCI ENG	(IP) (4)	Spring 2013	
<b>Area IV: World Lang &amp; Culture, Humanities &amp; Arts</b>					<b>Credits Required: 12</b>
					<b>Credits Applied: 10</b>
	SPAN 1110	ACCEL ELEM SPANISH	B+	4	Fall 2012
	SPAN 2001	INTERM SPAN	(IP) (3)	Spring 2013	
<p><b>2 Credits and 1 Class in AESC 2990S or AFST 2100</b> (CrossListed with ANTH 2100, CMLT 2100, GEOG 2100, HIST 2100, SOCI 2100) or <b>AMHA 1001</b> (CrossListed with AFST 1001) or 1002 (CrossListed with AFST 1002) or 2001 (CrossListed with AFST 2001) or 2002 (CrossListed with AFST 2002) or <b>ANTH 1102</b> or 2120H or <b>ARAB 1001</b> or 1002 or 2003 or 2004 or <b>ARHI 2300</b> or 2311H or 2400 or 2411H or <b>BENG 1001</b> or 1002 or <b>CHNS 1001</b> or 1002 or 1008 or 1009 or 2001 or 2002 or 2010 or 2020 or <b>CLAS 2010</b> (CrossListed with LING 2010) or <b>CMLT 2600</b> (CrossListed with AFAM 2600) or 2610H or <b>FREN 1001</b> or 1002 or 1110 or 2001 or 2002 or 2030 or 2120H or 2500 or 2600 or 2960 or <b>GEOG 1101</b> or 2010H or <b>GREK 1001</b> or 1002 or 2001 or 2002 or 2050 or 2060 or <b>GRMN 1001</b> or 1002 or 1110 or 1140H or 2001 or 2002 or 2110 or 2140H or 2300 or 2400 or 2410 or <b>HEBR 1001</b> or 1002 or 2003 or 2004 or <b>HIST 2221</b> or 2222 or 2301 or 2302 or 2311H or 2312H or 2501 (CrossListed with AFST 2501) or 2502 or 2600 or 2701 or 2701H</p>					

<https://sage.uga.edu>

- Schedule advising appointment
- View advisor “walk-in” hours
- Find people in your network (advisor, instructors, etc.)



The screenshot shows the top portion of the SAGE website. At the top left is the University of Georgia logo, featuring a red and white archway with the year 1785 below it, followed by the text "UNIVERSITY OF GEORGIA". To the right of this is the "SAGE" logo in a bold, black font, with the tagline "Student Advising and Guidance Expert" underneath. Below the logos is a grey horizontal bar containing the word "SAGE" in all caps. To the right of this bar is a photograph of a campus scene with green trees and pink flowers. Below the grey bar, the text describes SAGE as UGA's new advising software. A "Please note" section recommends using Chrome or Firefox. At the bottom of the page, there is a red star icon with a white center, labeled "SAGE Login". To the right of the star is a "Resources" section with a list of links: Contact/Support, About, News, Frequently Asked Questions, and Training Materials.

UNIVERSITY OF GEORGIA | SAGE  
Student Advising and Guidance Expert


SAGE

Student Advising and Guidance Expert (SAGE) is UGA's new advising software that allows students and advisors to schedule advising appointments online and provides advisors with various tools for tracking student success.

**Please note:** It is recommended to use the Chrome or Firefox browsers to access the SAGE application.

Resources

- [Contact/Support](#)
- [About](#)
- [News](#)
- [Frequently Asked Questions](#)
- [Training Materials](#)

  
SAGE Login

<https://franklin.uga.edu>

- Learn about Franklin majors
- View Franklin requirements
- Find courses that satisfy Franklin requirements



The screenshot displays the Franklin College of Arts and Sciences website. The top navigation bar includes links for 'About Franklin', 'Academics', 'Students', 'Development & Alumni Relations', 'Diversity', 'Events', 'Info For', 'Directory', and 'Search'. Below this, a secondary navigation bar lists various academic departments: 'Biological Sciences', 'Fine Arts', 'Humanities', 'Physical & Mathematical Sciences', 'Social Sciences', 'International Programs', and 'Experiential Learning'. The main content area features a photograph of a female instructor in a classroom, holding papers and addressing a group of students seated at desks. A whiteboard in the background has the word 'vocabulary' written on it. A blue text box overlaid on the image reads: 'Foreign language offerings at UGA present a nexus of opportunity, scholarship, and discovery for students at every level'. At the bottom, a red banner asks 'Are you?' followed by four options: 'An undergraduate student', 'A graduate student', 'Faculty or Staff', and 'An alumna/alumnus'.

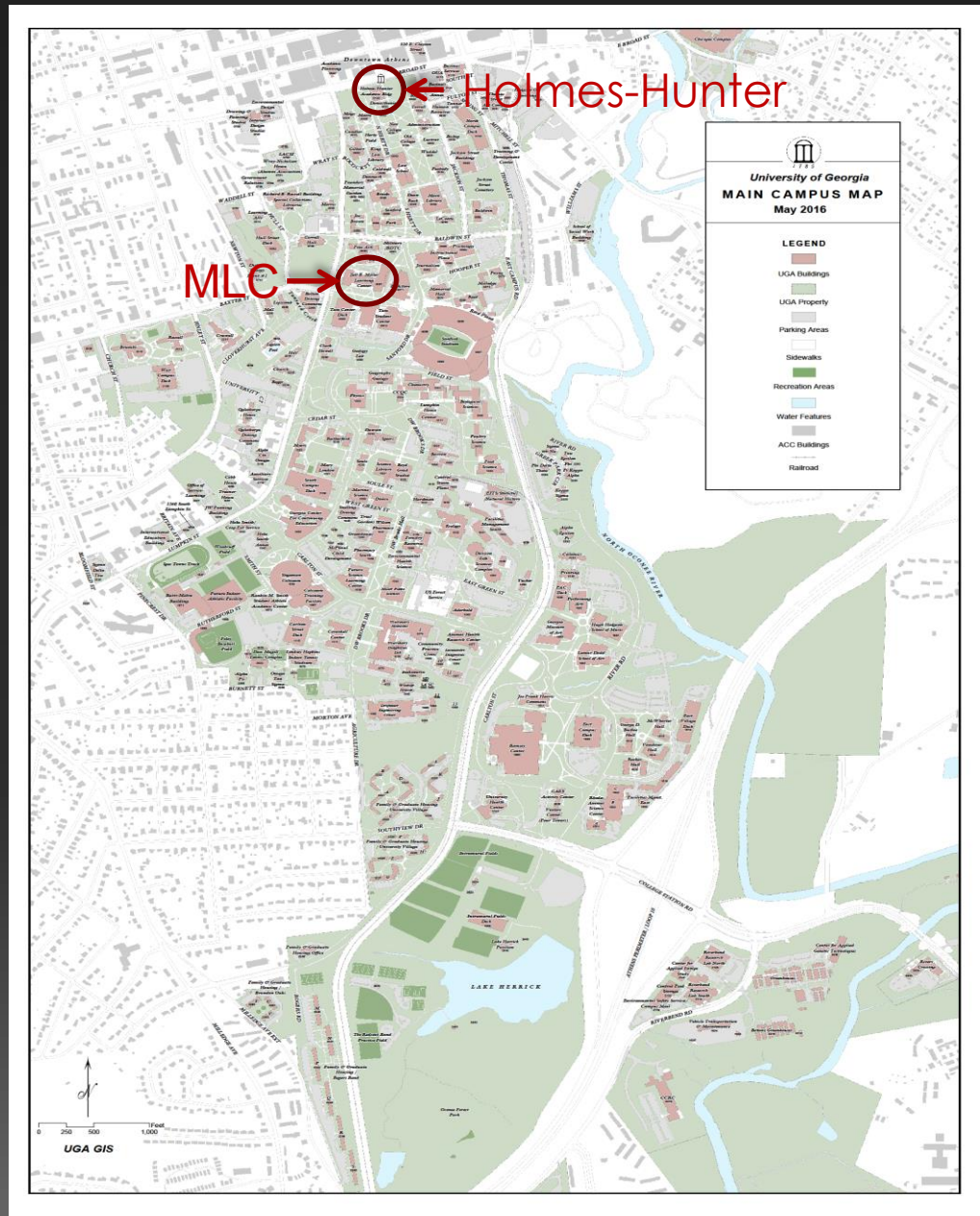


# QUESTIONS ABOUT:

HOPE  
Financial Aid  
Scholarships

Holmes-Hunter  
Academic  
Building

Last building on the left before walking  
past the Arch



# BEFORE your advising appointment:

- Make a list of ALL AP/IB/Joint Enrollment and scores, if known
- Select one math course
- Select two STEM courses (Area II or Area III)
- Select two STEM courses
- Select 2-3 Area IV Humanities & the Arts courses
- Select Foreign Language

*Not sure what PHIL 2010, LING 2100, or MUSI 2060 are? Look them up in the Bulletin!*

Name \_\_\_\_\_ UGA Email \_\_\_\_\_ Residence Hall \_\_\_\_\_

Please list all IB/AP/ET tests you have taken (name of test + score if you know it). For AP tests, please use the other side of the form to check off or circle the tests you have taken:

Please list any Joint / Dual Enrollment classes you have taken:

Please circle several courses that interest you from the following areas (at least one course per area). Note that Franklin College requires a foreign language through the 2001 level. Placement tests must be taken to continue your high school language.

<p><b>IV. World Languages and Culture, Humanities and the Arts (12 hours)</b></p> <p><b>World Lang and Culture (9 hours)</b> Language options: Arabic - ARAB 2001 - 2004 Bangal - BENG 1001 - 2004 Chinese - CHNS 1001 - 2002 French - FREN 1001 - 2002 Greek - GREK 1001 - 2002 German - GRMN 1001 - 2002 Hebrew - HEBR 1001 - 2004 Indonesian - INDO 1001 - 2004 Italian - ITAL 1001 - 2002 Japanese - JPNS 1001 - 2002 Korean - KORE 1001 - 2002 Latin - LATIN 1001 - 2002 Portuguese - PORT 1001 - 2004 Russian - RUSS 1001 - 2002 Spanish - SPAN 1001 - 2002 Swahili - SWAH 1010 - 2020 Turkish - TURK 1001 - 2004 Vietnamese - VET 1001 - 2002* Yoruba - YORU 1000 - 2020 *currently co-4th semester offered</p> <p>Culture options: AFST(ANTH/CULT)/9000/(HST 2100 Intro to Africa ANTH 1102 Intro Anthropology ARH 2300 Art History I ARTS 2050 Diversity in Amer Art (M) CMLT(AFAM) 2000 Multicultural Black Diapora Literature (M)* GEOG 1101 Intro Human Geography ITAL 2500 Italian Culture LACS 1000 Intro to Latin America and the Caribbean</p>	<p>LACS 2001 Intro to Latin America and Caribbean Studies I LING 2100 Study of Language REL 1000 Judaism, Christ, &amp; Islam REL 1002 Intro Rel India/China/Japan REL 1006 Religions of the World ROVA 2050 Latino Literature (M)  Humanities and the Arts (3 hours) ARH 2300 Monuments of World Art ARTS 2050 Diversity in Amer Art (M) ARTS 2060 Art Appreciation CLAS 3000 Greek Culture* CLAS 3010 Roman Culture* CLAS 3020 Classical Mythology* CMLT 2111 World Literature I* CMLT 2210 Western World Lit I* CMLT 2212 World Literature II* CMLT 2220 Western World Lit II* CMLT 2400 Asian American Lit (M)* CMLT 2500 Ethnic Amer Lit (M)* CMLT 2600 Multicultural Black Diapora Literature (M)* DANC 2010 Dance Appreciation ENGL 2100 English Lit to 1700* ENGL 2130 English Lit since 1700* ENGL 2130 American Lit to 1800* ENGL 2140 American Lit since 1800* ENGL 2400 Multicult-Amer Lit (M)* FILM 2120 Intro to Cinema* MUSI 2020 Music Appreciation MUSI 2040 Hist. of Popular Music (M) MUSI 2050 Survey of Jazz History (M) MUSI 2060 History of Rock &amp; Roll (M) PHI 2010 Intro to Philosophy PHI 2020 Logic &amp; Critical Thinking REL 1003 Intro to Religious Thought ROVA 2050 Latino Literature (M) THEA 2000 Apprec. of Dramatic Art</p>	<p>* ENGL 1002/2020M is pre-requisite for all 2000-level ENGL and strongly recommended for CLAS/CMLT/FILM 2130</p> <p><b>V. Social Sciences (9 hours)</b> AFAM 2000 Intro to African American Studies (M) ANTH 1102 Intro to Anthropology ECON 2105 Prin. of Microeconomics ECON 2106 Prin. of Microeconomics GEOG 1101 Intro Human Geography GEOG 1102 Cultural Geog. of US (M) GEOG 1125 Resources, Society &amp; Environment HST 2111 American History aft. 1865 HST 2221 Latin Amer. Civ since 1800 HST 2301 Latin Amer. Civ since 1800 HST 2302 Western Society to 1500 HST 2303 Western Society since 1500 HST(AFST) 2501 Hist of Africa to 1900 PHE 2020 Intro to Ethics POLS 1101 American Government PSYC 1101 Intro to Psychology SOC 1001 Intro to Sociology SOC 2020 African Amer. Society (M) SOC 2470 Deviance &amp; Social Control SOC 2600 Contemp. Social Problems SOC/AFAM/ASISD Race &amp; Ethnicity in America (M) WMST 1110 Multicultural Perspectives in Women's Studies (M) WMST 2000 Introduction to Women's Studies</p> <p>All core areas include other options which are not being offered in fall or which are not the typical choice for freshmen pursuing a BS degree.</p>
--	--	---

For prefix and course descriptions, please see <http://bulletin.uga.edu>

PHYSICS-B	3 OR 4	PHYS 1111 AND LAB (4)
PHYSICS-B	5	PHYS 1111 AND 1112 AND LABS (6)
PHYSICS-C MECHANICS	3	PHYS 1111 AND LAB (4)
PHYSICS-C MECHANICS	4 OR 5	PHYS 1211 AND LAB (4)
PHYSICS-C ELECTRICITY AND MAGN.	4 OR 5	PHYS 1211 AND LAB (4)
PSYCHOLOGY	3, 4 OR 5	PSYC 1101 (3)
SPANISH- LANGUAGE AND LIT	3	SPAN 1001 (4)
SPANISH- LANGUAGE AND LIT	4	SPAN 1001 AND 2001 (7 TOTAL)
SPANISH- LANGUAGE AND LIT	5	SPAN 1001, 2001 AND 2002 (10 TOTAL)
STATISTICS	3, 4 OR 5	STAT 2000 (4)

# In your advising session:

- Students only (FERPA)
- Meet one-on-one with your advisor
- Discuss your academic program(s)
- Find out the results of your placement exams
- Create a course plan for the upcoming semester
- Be cleared to register for classes



# To register for classes:

- Use Athena <https://athena.uga.edu>
- Go to 4<sup>th</sup> floor computer lab in Miller Learning Center (MLC, this building)
- Change your schedule until the last day of drop/add
- Advisors are available for questions during drop/add

