Computational & Physical Sciences Area Meeting

Orientation 2018
Meeting Focus:

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

<table>
<thead>
<tr>
<th>Core Area</th>
<th>What’s in it?</th>
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<tbody>
<tr>
<td>AREA I</td>
<td>English and Mathematics&lt;br&gt;Three courses: ENGL 1101, ENGL 1102/1103, MATH 1113</td>
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<td>AREA II</td>
<td>Life Science and Physical Science&lt;br&gt;One course in each</td>
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<td>AREA III</td>
<td>Mathematics, Computer Science, or Statistics&lt;br&gt;One course</td>
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<td>AREA IV</td>
<td>Foreign Language, World Culture Courses&lt;br&gt;Three courses&lt;br&gt;Humanities and the Arts&lt;br&gt;One course</td>
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<tr>
<td>AREA V</td>
<td>Social Sciences&lt;br&gt;Three courses, including one course in US History and one course in Political Science</td>
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<td>AREA VI</td>
<td>18 Hours (~6 courses)&lt;br&gt;Courses required are major specific</td>
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University System of Georgia Core Curriculum Requirements

Area I: Foundation Courses

Area II: Sciences

Area III: Quantitative Reasoning

Area IV: World Languages, Culture, Humanities and the Arts

Area V: Social Sciences

UGA Requirements

- US Constitution
- GA Constitution
- US/GA History
- PEDB
- Environmental Literacy
- Cultural Diversity
- Experiential Learning

Franklin College Requirements

- Foreign Language (through the 3rd semester)
- Fine Arts/Phil/Reli
- Social Science
- Biological Science
- Physical Science
- Multicultural Literature
- History
How to Graduate in Four Years

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

1st Year: 30 hours
2nd Year: 30 hours
3rd Year: 30 hours
4th Year: 31 hours

10 AP Credits
2nd Year: 26 hours
3rd Year: 24 hours
4th Year: 25 hours
Summer 4 hours
Summer 6 hours
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 or the Gwinnett Campus
- 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 of in class time 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 (up to twice weekly)
- Small Group Tutoring (1-3 students)
- Drop-in Tutoring (Brumby, Creswell, MLC, SLC)
- Mathematics Study Lab (in Boyd Hall for pre-Calculus, Calculus I-III, Differential Equations)
- Student workshops on study strategies, time management, and test preparation
Three things successful students do by the second week of class:

- Go to tutoring for math or science class
  Make a tutoring appointment or take advantage of drop-in tutoring at the SLC, MLC, Boyd, or residence halls

- Create a study group for math or science class
  3-4 people
  Meet once or twice a week

- Use instructor walk-in hours to ask questions and clarify material
Important Resources

- Athena
- UGA Bulletin
- DegreeWorks
- SAGE
- Franklin Orientation Website
- Register for classes
- Withdrawals
- Change Majors
- See Transcripts
- Check Registration Holds
• Course Descriptions

• Degree Requirements

• Majors, Minors, Certificates

• Academic Policies

https://bulletin.uga.edu
• 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
HOPE
Financial Aid
Scholarships

Holmes-Hunter
Academic
Building

Last building on the left before walking past the Arch
All official UGA correspondence comes to your UGA email.

All emails sent concerning UGA, including advising questions, must come from a valid UGA email.

Check it daily!

Franklin College academic advising appointment time will be sent to your UGA email tomorrow morning.

To access your UGA email: ugamail.uga.edu or UGA App.

Contact EITS at 706-542-3106 or helpdesk@uga.edu if you cannot access your UGA email.
**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 2-3 Area IV Humanities & the Arts courses
  
  Not sure what PHIL 2010, LING 2100, or MUSI 2060 are? Look them up in the Bulletin!
- Select Foreign Language
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
Issues for Transfers

- At least **120** academic hours required to graduate + 1 hr. PEDB
- **39** of the 121 hours must be upper division (39-hr rule)
- **45** of your last **60** hours must be in residence at UGA
- **Department’s discretion** whether to allow upper division transfer courses to count towards the major
“Transfer Shock”

- **New** culture and knowledge base
- **Larger** campus
- **Academic rigor** – critical thinking and inquiry skills are more important than ever!
- Perhaps **non-traditional/working**

Explore Academic Enhancement **early**
Talk to Career Center and Financial Aid about work opportunities **on campus**

**OTAS** AND **YOUR ADVISOR** – **FIRST RESPONDERS**
OFFICE OF TRANSFER ACADEMIC SERVICES

Our office:
- Provides resources and guidance
- Fosters community among transfers
- Advocates for the transfer population
- Offers retention counseling for students facing academic difficulty

350 Brooks Hall
706.542.6400 · otas@uga.edu

WELCOME EVENTS

CAMPUS BIKE TOURS | 1/2 at 1 pm
Bring your schedule and bike to map out routes across campus with one of UGA’s cycling academic advisors.

JITTERY JOES, MLC | 1/9 at 7 pm
Come drink coffee, eat doughnuts and meet your Transfer Ambassadors! Free t-shirts!

PRE-HEALTH INFO SESSION | 2/13
Pursing a career in healthcare? Come hear from the UGA Pre-Health Advising Office on how to get started!
To register for classes:

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