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

<table>
<thead>
<tr>
<th>Core Area</th>
<th>What’s in it?</th>
</tr>
</thead>
</table>
| AREA I    | English and Mathematics  
            *Three courses: ENGL 1101, ENGL 1102/1103, MATH 1113* |
| AREA II   | Life Science and Physical Science  
            *One course in each. One must have a laboratory.* |
| AREA III  | Mathematics, Computer Science, or Statistics  
            *One course* |
| AREA IV   | Foreign Language, World Culture Courses  
            *Three courses*  
            Humanities and the Arts  
            *One course* |
| AREA V    | Social Sciences  
            *Three courses, most students include one course in US/GA History and one course in Federal/GA Government* |
| AREA VI   | 18 Hours (~6 courses)  
            *Courses required are major specific* |
<table>
<thead>
<tr>
<th>Requirement</th>
<th>How?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language – Complete</td>
<td>Take the placement exam to continue HS language (1-2 classes)</td>
</tr>
<tr>
<td>through the 3rd semester</td>
<td>Begin a new language (3 classes)</td>
</tr>
<tr>
<td>Biological Science -1</td>
<td>Choose wisely.</td>
</tr>
<tr>
<td></td>
<td>This should also be your Area II Life Science</td>
</tr>
<tr>
<td>Physical Science -1</td>
<td>Choose wisely.</td>
</tr>
<tr>
<td></td>
<td>This should also be your Area II Physical Science</td>
</tr>
<tr>
<td>Literature -1</td>
<td>Cannot “AP” out of this requirement.</td>
</tr>
<tr>
<td></td>
<td>Some are multicultural.</td>
</tr>
<tr>
<td>Social Science - 2</td>
<td>POLS 1101, for most students</td>
</tr>
<tr>
<td></td>
<td>Plus one more course. Lots of choices: ECON, INTL, PSYC, etc.</td>
</tr>
<tr>
<td></td>
<td>Also fills Area V</td>
</tr>
<tr>
<td>History - 1</td>
<td>HIST 2111 or HIST 2112, for most students</td>
</tr>
<tr>
<td></td>
<td>Also fills Area V</td>
</tr>
<tr>
<td>FA/PHIL/RELI - 2</td>
<td>An opportunity to take interesting courses outside STEM!</td>
</tr>
<tr>
<td></td>
<td>CSCI majors take CSCI 3030 as one of their two courses</td>
</tr>
<tr>
<td></td>
<td>Some are multicultural</td>
</tr>
<tr>
<td>Multicultural - 1</td>
<td>Emphasis placed on cultures within the United States</td>
</tr>
</tbody>
</table>
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
- Fine Arts/Phil/Reli
- Social Science
- Social Science
- Biological Science
- Physical Science
- Multicultural
- Literature
- History
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: 6 hours
Summer: 4 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
- 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
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 or UGA App

Contact EITS at 706-542-3106 or 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
• 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
• Schedule advising appointment
• View advisor “walk-in” hours
• Find people in your network (advisor, instructors, etc.)

https://sage.uga.edu
• Learn about Franklin majors
• View Franklin requirements
• Find courses that satisfy Franklin requirements

https://franklin.uga.edu
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 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
To register for classes:

- Use Athena [https://athena.uga.edu](https://athena.uga.edu)
- Go to 4th 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