Welcome!

If you are here for the RAC Chair and Liaison Information Session, you are in the right place. The meeting will start at 8:15.

Please mute yourself during the meeting. Fine to unmute and speak before the meeting starts.

Please enter questions in Chat.
Dr. Tristan Denley

- Executive Vice Chancellor for Academic Affairs and Chief Academic Officer, USG, since May 2017
- Vice Chancellor for Academic Affairs, Tennessee Board of Regents
- Provost and Vice President for Academic Affairs, Austin Peay State University
Regents’ Advisory Committee Chair and Liaison Information Session

September 11, 2020

Barbara Brown
Barbara.Brown@usg.edu
404-962-3107
Academic Affairs
System Office
University System of Georgia
1.4 Advisory Committees

The BoR of the University System of Georgia has established an Advisory committee for each academic discipline and administrative function. The purpose of these committees is to advise the BoR on proposed new policies and policy changes. The committees are also instrumental in the planning and execution of policy implementation. These committees meet at least annually with a USG liaison present to hear committee recommendations and to discuss the plans of the University System. The USG liaison is also the principal contact to the committee throughout the year.

Membership of these committees is composed of faculty and staff recommended by the Vice President for Academic Affairs and Vice President for Student Affairs from each institution.

The committee selects a chair who serves a term determined by the committee’s by-laws.
1.4 Advisory Committees

The BoR of the University System of Georgia has established an Advisory committee for each academic discipline and administrative function. The purpose of these committees is to advise the BoR on proposed new policies and policy changes. The committees are also instrumental in the planning and execution of policy implementation. These committees meet at least annually with a USG liaison present to hear committee recommendations and to discuss the plans of the University System. The USG liaison is also the principal contact to the committee throughout the year.

Membership of these committees is composed of faculty and staff recommended by the Vice President for Academic Affairs and Vice President for Student Affairs from each institution.

The committee selects a chair who serves a term determined by the committee’s by-laws.
1.4 Advisory Committees

The BoR of the University System of Georgia has established an Advisory committee for each academic discipline and administrative function. The purpose of these committees is to advise the BoR on proposed new policies and policy changes. The committees are also instrumental in the planning and execution of policy implementation. These committees meet at least annually with a USG liaison present to hear committee recommendations and to discuss the plans of the University System. The USG liaison is also the principal contact to the committee throughout the year.

Membership of these committees is composed of faculty and staff recommended by the Vice President for Academic Affairs and Vice President for Student Affairs from each institution.

The committee selects a chair who serves a term determined by the committee’s by-laws.
1.4 Advisory Committees
The BoR of the University System of Georgia has established an Advisory committee for each academic discipline and administrative function. The purpose of these committees is to advise the BoR on proposed new policies and policy changes. The committees are also instrumental in the planning and execution of policy implementation. These committees meet at least annually with a USG liaison present to hear committee recommendations and to discuss the plans of the University System. The USG liaison is also the principal contact to the committee throughout the year. Membership of these committees is composed of faculty and staff recommended by the Vice President for Academic Affairs and Vice President for Student Affairs from each institution.

The committee selects a chair who serves a term determined by the committee’s by-laws.
1.4 Advisory Committees

The BoR of the University System of Georgia has established an Advisory committee for each academic discipline and administrative function. The purpose of these committees is to advise the BoR on proposed new policies and policy changes. The committees are also instrumental in the planning and execution of policy implementation. These committees meet at least annually with a USG liaison present to hear committee recommendations and to discuss the plans of the University System. The USG liaison is also the principal contact to the committee throughout the year. Membership of these committees is composed of faculty and staff recommended by the Vice President for Academic Affairs and Vice President for Student Affairs from each institution.

The committee selects a chair who serves a term determined by the committee’s by-laws.
Committee Roles

- Chair – Elected by members
- Members – Appointed by VPAAs
- Liaison – Appointed by System Office

Official Committee lists are posted at: https://www.usg.edu/committees/committees/
Academic Committees

- Academic Advising
- Academic Affairs
- Adult Learning
- Anthropology
- Arts and Sciences
- Biological Sciences
- Business Administration, Management, & Economics
- Chemistry
- Chief Diversity Officers
- Communication
- Computing Disciplines
- Council on General Education
## Committee Directory

<table>
<thead>
<tr>
<th>Institution</th>
<th>Representative</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abraham Baldwin Agricultural College</td>
<td>Renata Elad</td>
<td><a href="mailto:relad@abac.edu">relad@abac.edu</a></td>
</tr>
<tr>
<td>Albany State University</td>
<td>Earnell Seay</td>
<td><a href="mailto:earnell.seay@asurams.edu">earnell.seay@asurams.edu</a></td>
</tr>
<tr>
<td>Atlanta Metropolitan State College</td>
<td>Vincent Mangum</td>
<td><a href="mailto:vmangum@atlm.edu">vmangum@atlm.edu</a></td>
</tr>
<tr>
<td>Augusta University</td>
<td>Richard Franza, CHAIR</td>
<td><a href="mailto:rfranza@augusta.edu">rfranza@augusta.edu</a></td>
</tr>
<tr>
<td>BOR University System Office Liaison</td>
<td>Jon Sizemore</td>
<td><a href="mailto:jon.sizemore@usg.edu">jon.sizemore@usg.edu</a></td>
</tr>
</tbody>
</table>
Communication for RACs

- Within RAC
  - Listservs
  - Other email distribution lists
- With institutional constituents
Listservs

- Please please please make me a “Quiet Owner” if you request a new listserv.
Existing Listservs

- BORAACE - English
- BSAC-L - Biology
- ECORE-L - eCore
- EDURAC-L – Educator Preparation
- FLAAC-L – Foreign Languages
- HUMRAC Humanities RAC
- LEARNSUP-L – Learning Support Advisory Committee
- LS-COMMUNITY-L – Learning Support Community Listserv
- RAC-PSYCHOLOGY – Psychology RAC
- RACAD-MEMBERS-L – Academic Advising
- RACAL-L – Adult Learning
- RACDE-L – Distance Education
- RACEA-EXECOMM-L – Effectiveness and Accreditation Exec. Committee
- RACEA-MEMBERS-L – Effectiveness and Accreditation
- TRANSFER-RAC-L – Chief Transfer Officers
- USGGEOL – Geological Sciences and Geography
General Expectations for RACs

- Have bylaws
- Have a Chair, Chair-Elect, and Immediate Past-Chair
- Optional: Secretary/Recorder, Treasurer
- Succession Planning
- Meet at least once a year
- Maintain and post minutes and other documents
Meetings

• Plan your meeting dates as soon as possible, while trying to avoid conflicts with large system-wide meetings.
• Meetings must be virtual for 2020 - 2021.
Scheduling RAC Meetings

2020 – 2021 Dates You May Want to Avoid

Right now, scheduling for 2020-2021 meetings is still murky. Thanks, COVID-19!

Here’s what we have now. This page will be updated as additional information becomes available.

All dates are subject to change.

September 14 - 15, 2020 Board of Regents Meeting – Probably not a conflict for most.

October 2, 2020 Gateway to Completion – G2C Course Redesign Virtual Meeting

October 7-8, 2020 RACAA Fall Meeting - Involves primarily VPAAs, so may not be a conflict for most
Charge to Regents Academic Advisory Committees

The Regents Academic Advisory Committees will advise the Board of Regents, USG institutions, and discipline faculty on matters relating to studies in the discipline across the University System of Georgia. This academic year, the charges to the committees will include but not be limited to the following:

- Make recommendations about common cut scores for course credit based on standardized examinations including: AP, CLEP, and DSST exams.
Credit By Exam (CBE) Recommendations

BOR 3.3.6 Academic Credit Earned through Extra-Institutional and Prior Learning

(https://www.usg.edu/policymanual/section3/C338/#p3.3.6_academic_credit_earned_through_extra_institutional_and_prior_learning)
Standardized Examinations

- International Baccalaureate Program (IB) – Pretty much already handled
- Advanced Placement Program (AP) – Priority for 2018 - 2019
- College Level Examination Program (CLEP) – Priority for 2019 - 2020
- DANTES Standard Subject Standardized Program (DSST) – Priority for 2020 - 2021
ACE Credit Recommendations

- ACE = American Council on Education
  - AP
  - CLEP
  - DSST (no single page; credit recommendations are included with each test description)
- AP Validity Study
<table>
<thead>
<tr>
<th>AP Examination</th>
<th>Minimum Credit-Granting Score</th>
<th>Number of Semester Hours</th>
<th>Number of Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Art/Studio (Drawing or General Portfolio)</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Biology</td>
<td>3</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>Chinese Language and Culture</td>
<td>3</td>
<td>8</td>
<td>2</td>
</tr>
</tbody>
</table>
What I want from RACs

A generic system-wide recommendation for each test, as to the minimum score to award credit, the amount of credit to be awarded, and the specific courses credit is to be awarded for (common courses) or a description of the type of course.

If you disagree with the ACE recommendations, please justify your recommendation.
Examples (AP):

**Psychology** – Score of 3 or higher. Recommend credit for PSYC 1101 (3 credit hours)

**U.S. History** – Score of 3 or higher. Recommend credit for HIST 2110 (3 credit hours) or HIST 2111 and 2112 (6 credit hours)
Examples (AP):

Spanish Language and Culture
• Score of 3 – SPAN 1001, 1002 (6 credit hours)
• Score of 4 – SPAN 1001, 1002, 2001 (9 credit hours)
• Score of 5 – SPAN 1001, 1002, 2001, 2002 (12 credit hours)

Art History – Score of 3 or higher. Recommend 6 credit hours for 2 courses in Art History or Art Appreciation
Charge to Regents Academic Advisory Committees

- Develop or refine common course prefixes, numbers, titles, and descriptions for core courses and assist with establishing this base across System institutions.
- Review the Area F course guidelines for each discipline for which the Committee has responsibility and create or refine Area F learning outcomes.
- Review or make Math Pathway recommendations
- Provide informed comments and reviews of core course proposals and new programs proposed by USG institutions.
Common Course Prefixes, Numbers, and Descriptions

- Academic and Student Affairs Handbook in Section 2.4.10
- Need additional information for some courses already on the list.
<table>
<thead>
<tr>
<th>Course Prefix and Number</th>
<th>Course Name</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2102</td>
<td>Principles of Accounting II</td>
<td>A study of the underlying theory and application of managerial accounting concepts.</td>
</tr>
<tr>
<td>ANTH 1102</td>
<td>Introduction to Anthropology</td>
<td></td>
</tr>
<tr>
<td>ANTH 1103</td>
<td>Introduction to Social Anthropology</td>
<td></td>
</tr>
<tr>
<td>ANTH 1104</td>
<td>Introduction to Archaeology</td>
<td></td>
</tr>
</tbody>
</table>
New Common Course Prefixes, Numbers, and Descriptions for . . .

- African American History
- Anatomy & Physiology I & II
- Art History
- Biology courses for non-science majors
- Introduction to Data Science (DATA 1501)
- Environmental Science
- Film Appreciation
- Humanities
- ISCI 2001 – Integrated Science I: Life/Earth Sciences
- ISCI 2002 – Integrated Science II: The Physical Sciences
- MATH 2008 – Foundations of Numbers and Operations
- Microbiology
Area F

Committees are responsible for Area F Learning Outcomes and Course Guidelines for programs in their discipline areas

New Area Fs, Changes to Area F must be submitted to the Council on General Education and RACAA (Regents Administrative Committee for Academic Affairs)
MATH PATHWAYS

Jonathan Watts Hull
Director, Student Success
University System of Georgia Academic Affairs
MATH
PATHWAYS
Since the early 2000s, the Mathematical Association of America (MAA) advocated that colleges and universities rethink the value and relevance of the course College Algebra as the required or general education (core) course for all entering students.

In the MAA report from the Committee on Curriculum Renewal Across the First Two Years (CRAFTY), it concluded that the skills taught in College Algebra were not the skills required in disciplines outside of STEM.

The MAA report in 2004, Voices of the Partner Disciplines, recommended that departments should “replace traditional college algebra courses with courses stressing problem solving, mathematical modeling, descriptive statistics, and applications in the appropriate technical areas and thus, de-emphasize intricate algebraic manipulation” (Ganter & Barker, 2004, p. 6).
For many disciplines, quantitative reasoning or math modeling, perhaps with further study in statistics is the best fit.

### The Four Math Pathways

**STEM**
- Science, Technology, Mathematics majors: Pre-calculus or Trigonometry → Calculus
- Engineering majors and all Georgia Tech students: Calculus → More Calculus

**Non-STEM**
- Majors that require calculus at some point in the sequence: College Algebra → Pre-calculus → Calculus
- Everyone Else: Math Modeling or Quantitative Reasoning → Statistics
### The Four Five Math Pathways

For many disciplines, quantitative reasoning or math modeling, perhaps with further study in statistics is the best fit.

<table>
<thead>
<tr>
<th>STEM</th>
<th>Non-STEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science, Technology, Mathematics majors</td>
<td>Everyone Else (Statistics Prototype)</td>
</tr>
<tr>
<td>Pre-calculus or Trigonometry</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>Calculus</td>
<td>More Statistics or Data Science</td>
</tr>
<tr>
<td>Engineering majors and all Georgia Tech students</td>
<td>Majors that require calculus at some point in the sequence</td>
</tr>
<tr>
<td>Calculus</td>
<td>Math Modeling or Quantitative Reasoning</td>
</tr>
<tr>
<td>More Calculus</td>
<td>Statistics</td>
</tr>
<tr>
<td>Majors that require calculus at some point in the sequence</td>
<td>Everyone Else</td>
</tr>
<tr>
<td>College Algebra</td>
<td>Pre-calculus » Calculus</td>
</tr>
<tr>
<td>Others</td>
<td>Everyone Else</td>
</tr>
</tbody>
</table>

STEM

Non-STEM
Math Pathways

• ACMS*: Math should be aligned with a student’s program of study.

• Each discipline RAC was asked to identify the appropriate gateway math.

• There are four math pathways, each defined by an Area A2 math course. Specific starting courses are specified in the Academic and Student Affairs Handbook for students planning to major in Science, Technology, Engineering, or Mathematics (STEM).

• It is important to note that Quantitative Reasoning and Introduction to Mathematical Modeling are not “algebra free.” They are rigorous mathematical courses that incorporate essential algebra skills for non-STEM majors in appropriate contexts.

*USG Advisory Council on Mathematical Subjects
Math Pathways

• Non-STEM students may choose from among MATH 1001 Quantitative Reasoning, MATH 1101 Introduction to Mathematical Modeling, MATH 1111 College Algebra, or higher.

• Beginning this year, 14 institutions are offering MATH/STAT 1401 Elementary Statistics as an Area A2 Math

• USG institutions may not require students to take a particular course from among MATH 1001, MATH 1101, and MATH 1111 (or MATH/STAT 1401) as long as they are not STEM majors.

• However, students in non-STEM majors should be ADVISED to take the math course most appropriate for their intended majors.

• Students with strong math interests and abilities may opt to take MATH 1111, but MOST students should be advised to take MATH 1001, MATH 1101, or MATH 1401.
The “Default” math

Systemwide enrollment in Gateway Math*

<table>
<thead>
<tr>
<th>Year</th>
<th>Math 1111</th>
<th>Math 1001</th>
<th>Math 1101</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>71.0%</td>
<td>12.2%</td>
<td>16.8%</td>
</tr>
<tr>
<td>2017</td>
<td>67.8%</td>
<td>16.0%</td>
<td>16.1%</td>
</tr>
<tr>
<td>2019</td>
<td>51.2%</td>
<td>27.6%</td>
<td>21.2%</td>
</tr>
</tbody>
</table>

*Excludes Math 1112 and higher
The Algebra Pathway

According to the Mathematical Association of America, the principle purpose of college algebra is to prepare students for pre-calculus and calculus.
Evidence from the USG Getting to Know Our Students survey indicates that student success in math is closely linked to their perception that the math they are studying has purpose. For students studying a broad range of disciplines in the social sciences, health sciences, business and education, the most relevant area of mathematics may be statistics.
Math Pathways by Program

• Each RAC is asked to reflect upon the “best fit” math for their discipline and submit a recommendation to the System Office.
  – This review should now also include Elementary Statistics

• This information is used to support institutional advisors in their conversations with students, especially around transfer.

• Math Pathway Recommendations by Program of Study or Major are available at completega.org/math-pathways
Questions?

Jonathan Watts Hull
Director, Student Success
Jonathan.hull@usg.edu
completega.org | 404-9623129
Responsibilities Related to the Council on General Education

Evaluate proposals for new courses to be included in Core Curriculum at various institutions.

<table>
<thead>
<tr>
<th>Submission Deadline</th>
<th>Sent to Committees</th>
<th>Committees Send Back to Council</th>
<th>Council Meeting Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 4, 2020</td>
<td>September 4-7, 2020</td>
<td>September 25, 2020</td>
<td>October 9, 2020</td>
</tr>
<tr>
<td>November 6, 2020</td>
<td>November 6-9, 2020</td>
<td>November 27, 2020</td>
<td>December 11, 2020</td>
</tr>
<tr>
<td>January 22, 2021</td>
<td>January 22-25, 2021</td>
<td>February 12, 2021</td>
<td>February 26, 2021</td>
</tr>
<tr>
<td>April 9, 2021</td>
<td>April 9-12, 2021</td>
<td>April 21, 2021</td>
<td>May 14, 2021</td>
</tr>
</tbody>
</table>
New Program Review

- Requests will come from Academic Affairs/Academic Programs.
- Committees may be asked to review and comment on proposals for new degree programs in the committee discipline(s).
Resources for RACs

Committee Pages

COMMITTEE INFORMATION

RELATED DOCUMENTS / PRESENTATIONS / OTHER

- Learning Outcomes for English 1101-1102 (Feb. 2004)
- Learning Outcomes in Sophomore-level Literature Courses (Feb. 2004)
- English Area F Guidelines
Resources for RACs

Advisory Committees

Academic Committees

- Academic Advising
- Academic Affairs
- Adult Learning

Academic Committee Resources

- Roles and Responsibilities
- Bylaws Template
- Annotated Bylaws Template
- Listserv Information and Guidelines
- Guidelines for Meeting Minutes
- Scheduling RAC Meetings - Avoiding Conflicts
- Venues with Support for RAC Meetings
- Credit-by-Exam Information
- Common Course Prefixes and Numbers
- Area F Learning Outcomes and Guidelines
- Area F Approval Process

- Advisory Committee Representatives By Institution
- Academic Committee Resources
Regents Academic Advisory Committees

Charges to Committees for the 2020-2021 Academic Year

The Regents Academic Advisory Committees will advise the Board of Regents, USG institutions, and discipline faculty on matters relating to studies in the discipline across the University System of Georgia.

This academic year, the charges to the committees will include but not be limited to the following:

1. Make recommendations about common cut scores for course credit based on standardized examinations including: AP, CLEP, and DSST exams.
2. Develop or refine common course prefixes, numbers, titles, and descriptions for core courses and assist with establishing this base across System institutions.
3. Review the Area F course guidelines for each discipline for which the Committee has responsibility and create or refine Area F learning outcomes.
4. Provide informed comments and reviews of core course proposals and new programs proposed by USG institutions.
2020-2021 Priorities for RACs

1. Make Credit-by-Exam recommendations for AP, CLEP, and DSST by December 11, 2020
2. Schedule meeting or meetings
3. Create or update bylaws, as needed
4. Succession planning (if not already in place)
5. Establish reliable methods of communicating (listservs?)
2020-2021 Priorities for RACs

6. Review common course prefixes, numbers, titles, and descriptions

7. Review system-wide Area F guidelines and institutional Area Fs

8. Math Pathways recommendations – Is statistics is a possible starting point in Area A?