CORE CURRICULUM (AREAS A-E)

General Education Learning Outcomes

- **Goal A1 (Written Communications)**
  - Students will write effective expository and argumentative essays which consider purpose and audience.

- **Goal A2 (Quantitative)**
  - Students will apply mathematical knowledge to interpret quantitative information using verbal, numerical, graphical, and symbolic forms.

- **Goal B (Institutional Foundations)**
  - Students will effectively evaluate arguments, considering opposing points of view when appropriate.
  - Students will construct effective inductive and valid deductive arguments and determine to what extent such arguments justify their conclusions.

- **Goal C (Humanities or Fine Arts)**
  - Students will demonstrate the ability to communicate critically on cultural concepts, artifacts or expressions in either English or a foreign language.

- **Goal D (Natural Sciences, Mathematics or Technology)**
  - Students will apply scientific reasoning or mathematical methods to demonstrate scientific knowledge or to solve problems.

- **Goal E (Social Sciences)**
  - Students will examine and apply concepts of social identity and individual differences, such as ethnicity, race, gender, age, class, ability or sexual orientation.

Guidelines for the Core Curriculum (Areas A – E) are established by the University System of Georgia in order to ensure a solid general education foundation for all graduates. Courses taken within the Core are guaranteed to transfer within the University System in accordance with guidelines. To a great extent, Areas A-E of the Core are “major free,” meaning that they will apply regardless of major; however, certain majors do have specific mathematics, science, and other requirements in Areas A-E. All baccalaureate degree graduates and all A.A. and A.S. degree graduates must complete Areas A-E of the Core Curriculum, as specified below. Students should check with their degree program requirements for information on the minimum passing grade necessary. The areas of the Core and courses that can satisfy area requirements are as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
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<td>Area A. Essential Skills</td>
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<td>9</td>
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<tr>
<td>A1. Two Composition Courses</td>
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<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td></td>
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<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
<td>A2. Non-Science/Math Majors</td>
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<tr>
<td>Choose one Mathematics Course from the following:</td>
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<tr>
<td>MATH 1101</td>
<td>Intro to Mathematical Modeling</td>
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<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>MATH 1112</td>
<td>Trigonometry &amp; Analytic Geom (^1)</td>
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<tr>
<td>MATH 1113</td>
<td>Pre-Calculus</td>
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<tr>
<td>MATH 1241</td>
<td>Survey of Calculus</td>
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<tr>
<td>MATH 1501</td>
<td>Calculus I</td>
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A2. Science/Math Majors

Choose one Mathematics Course from the following:

- MATH 1112 Trigonometry & Analytic Geom \(^1\)
- MATH 1113 Pre-Calculus
- MATH 1501 Calculus I

Area B. Critical Thinking and Communication \(^2\) 4-5

B1. One Critical Thinking Course

- CRIT 1101 Critical Thinking

B2. One or Two Foreign Language or Communication Courses from Among

- COMM 1001 Presentational Speaking
- COMM 1002 Presentation Applications
- COMM 1110 Public Speaking
- FREN 1002 Elementary French II
- SPAN 1002 Elementary Spanish II

Area C. Humanities 6

C1. One Literature, Philosophy, or Foreign Language Course from Among

- ENGL 2111 World Literature I - Pre-Modern
- ENGL 2112 World Literature II - Modern
- ENGL 2121 British Literature I
- ENGL 2122 British Literature II
- ENGL 2131 American Literature I
- ENGL 2132 American Literature II
- FREN 2001 Intermediate French I
- FREN 2002 Intermediate French II
- PHIL 2010 Introduction to Philosophy
- PHIL 2030 Ethics/History/Contemporary Persp
- SPAN 2001 Intermediate Spanish I
- SPAN 2002 Intermediate Spanish II

C2. One Fine Arts or Intermediate Foreign Language Course from Among

- ART 1100 Art Appreciation
- ART 2301 Art of the Pre-Modern World
- ART 2302 Art of the Modern World
- CMS 2100 Introduction to Film
- FREN 2001 Intermediate French I
- FREN 2002 Intermediate French II
- HUMN 2111 Perspective, Arts & Humanities
- MUSC 2101 Music Appreciation
- MUSC 2301 Introduction to World Music
- PHIL 2040 Intro to Aesthetics
- SPAN 2001 Intermediate Spanish I
- SPAN 2002 Intermediate Spanish II
- THEA 1100 Introduction to Theatre

Area D. Natural Sciences, Mathematics and Technology 10-11

D1. Science (Non-Science Majors)

Non-Science majors must satisfactorily complete two courses and one laboratory in Area D1 from the following:

- ASTR 1010 Solar System Astronomy
- ASTR 1020 Stellar and Galactic Astronomy & 1020L and Astronomy Laboratory \(^3\)
- BIOL 1107 Principles of Biology I & 1107L and Principles of Biology Lab I \(^4\)
D1. Science (Science Majors)

Science majors must satisfactorily complete a two-three hour science course and their accompanying one-hour laboratory courses from the following:

- BIOL 1107 Principles of Biology I
- CHEM 1151 Survey of Chemistry I
- CHEM 1152 Survey of Chemistry II
- CHEM 1211 Principles of Chemistry I
- CHEM 1212 Principles of Chemistry II
- ENVS 2202 Environmental Science
- PHYS 1111 Introductory Physics I
- PHYS 1112 Introductory Physics II
- PHYS 2211 Principles of Physics I
- PHYS 2212 Principles of Physics II
- WST 2010 Intro to Women's Studies

D1. Science (Health Professions Majors)

Health Professions majors must satisfactorily complete a two-semester science course and laboratory sequence from the following:

- BIOL 1108 Principles of Biology II
- CHEM 1151 Survey of Chemistry I
- CHEM 1152 Survey of Chemistry II
- CHEM 1211 Principles of Chemistry I
- CHEM 1212 Principles of Chemistry II
- ENVS 2202 Environmental Science
- PHYS 1111 Introductory Physics I
- PHYS 1112 Introductory Physics II
- PHYS 2211 Principles of Physics I
- PHYS 2212 Principles of Physics II
- WST 2010 Intro to Women's Studies

D2. Science, Math or Technology (Non-science Majors)

All students must complete an additional three hours in Area D2 from the following:

- CSCI 1300 Computational Thinking & Coding
- CSCI 1301 Computer Science I
- GEOL 1011 Introductory Geosciences
- MATH 1112 Trigonometry & Analytic Geom
- MATH 1221 Finite Mathematics
- MATH 1401 Elementary Statistics
- MATH 1402 Survey of Calculus
- MATH 2401 Pre-Calculus
- MATH 2502 Calculus II
- SCI 1901 Selected Topics in Science

D2. Science, Math or Technology (Science majors)

All students must complete an additional three hours in Area D2 from the following courses:

- CSCI 1300 Computational Thinking & Coding
- CSCI 1301 Computer Science I
- MATH 1401 Elementary Statistics
- MATH 2401 Pre-Calculus
- MATH 2502 Calculus II

Area E. Social Sciences

E1. One American Government Course
- POLS 1101 American Government

E2. One World History Course from Among
- HIST 1111 Survey of Pre-Modern World History
- HIST 1112 Survey of Modern World History
- HIST 2750 Critical Trends and Issues

E3. One American History Course from Among
- HIST 2111 Survey of US History to 1877
- HIST 2112 US HIST Since Reconstruction

E4. One Behavioral Sciences Course from Among
- AFAM 2010 Intro to African American Studies
- ECON 1101 Survey of Economics
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- PSYC 1101 Intro to General Psychology
- SOCI 1101 Introduction to Sociology
- WST 2010 Intro to Women's Studies

Total Credit Hours 42

1 Only the three credit MATH 1112 Trigonometry & Analytic Geom can be used by science majors in Area A2 and only if the student has a grade of C or better in MATH 1111 College Algebra.
The sum of credits taken in areas B and D must total 15 credits. This means that students taking more than 7 credits in area D1 (e.g., science majors and health professions majors) need to take only one credit in area B2.

With the exception of BIOL 1108 Principles of Biology II/BIOL 1108L Principles of Biology Lab II, the second courses in the same discipline sequence require the first as a prerequisite.

Students may not receive credit for both the first Principles course and the other first course in the same discipline (i.e. taking BIOL 1107 Principles of Biology I/BIOL 1107L Principles of Biology Lab I and BIOL 1111 Introduction to Biology I/BIOL 1111L Intro to Biology Laboratory is not permitted). This rule also applies to the second courses (i.e. taking PHYS 1112 Introductory Physics II/PHYS 1112L Introductory Physics Lab II and PHYS 2212 Principles of Physics II/PHYS 2212L Principles of Physics Lab II is not permitted).

Biology majors are required to complete a physics sequence (PHYS 1111 Introductory Physics I/PHYS 1111L Introductory Physics Lab I and PHYS 1112 Introductory Physics II/PHYS 1112L Introductory Physics Lab II OR PHYS 2211 Principles of Physics I/PHYS 2211L Principles of Physics Lab I and PHYS 2212 Principles of Physics II/PHYS 2212L Principles of Physics Lab II) in their upper division requirements; therefore, they cannot apply calculus-based Physics (PHYS 2211 Principles of Physics I/PHYS 2211L Principles of Physics Lab I and PHYS 2212 Principles of Physics II/PHYS 2212L Principles of Physics Lab II) in area D1 and PHYS 1111 Introductory Physics I/PHYS 1111L Introductory Physics Lab I and PHYS 1112 Introductory Physics II/PHYS 1112L Introductory Physics Lab II in their upper division requirement.

Only the three credit MATH 1112 Trigonometry & Analytic Geom can be used by non-science majors in Area D2.

Students selecting MATH 1501 Calculus I or MATH 2502 Calculus II will count three hours in Area D2 and one hour in Area F or in their degree requirements. Some majors have specific D2 requirements. Students should consult with their advisors for details.

Students selecting MATH 1501 Calculus I or MATH 2502 Calculus II will count three hours in Area D2 and one hour in Area F or for their specific upper division degree requirements.