**Student Plan of Study – Ag Leadership in Aquaculture**

### Name ____________________________________________

### School ____________________________________________

### Signature ________________________________________

### Advisor/Counselor ________________________________

### Date ____________________________

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**Current Area of Interest: Agriculture, Food & Natural Resources/Ag Leadership in Aquaculture - This PLAN OF STUDY should serve as a guide for the next four years. Courses listed in this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans will meet minimum high school graduation requirements. Applicants to the University System of Georgia and the Technical College System of Georgia institutions should be advised that meeting minimum requirements will not guarantee admission. Postsecondary institutions may set additional requirements.**

### Grade Level

<table>
<thead>
<tr>
<th>1. English/Language Arts</th>
<th>2. Math</th>
<th>3. Science</th>
<th>4. Social Studies</th>
<th>5. Health/Personal Fitness</th>
<th>6. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total 4 credits</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**9th Grade**

- **Literature & Composition**
  - 1 credit of CCGPS Cord Algebra
  - 2 credits of CCGPS Analytic Geometry
  - 3 credits of CCGPS Accel Cord Algebra/Accel Analytic Geometry
  - 4 credits of CCGPS Accel Analytic Geometry/Adv. Algebra

### Credit Earned

- 1 credit
- 1 credit
- 1 credit
- 1 credit

**Total 4 credits**

- **Science**
  - Biology or Approved Dual Enrollment Course
  - American Government/Civics or AP Government/Politics US or Approved Dual Enrollment Course
  - Personal Fitness

**Total 3 credits**

- **V. Health/Personal Fitness**
  - 1/2 credit

**Total 1 credit**

- **VI. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)**

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**10th Grade**

- **Literature & Composition**
  - 1 credit of CCGPS Analytic Geometry
  - 2 credits of CCGPS Advanced Algebra
  - 3 credits of CCGPS Accel Analytic Geometry/Adv. Algebra
  - 4 credits of CCGPS Pre-Calculus

### Credit Earned

- 1 credit
- 1 credit
- 1 credit
- 1 credit

**Total 4 credits**

- **Science**
  - Physical Science or Physics or AP Physics or Approved Dual Enrollment Course
  - World History or AP World History or Approved Dual Enrollment Course

**Total 3 credits**

- **VII. Additional Electives**

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**11th Grade**

- **American Literature/Composition or AP English Language & Composition**
  - 1 credit of CCGPS Adv. Algebra
  - 2 credits of CCGPS Pre-Calculus
  - 3 credits of CCGPS Accel Pre-Cal
  - 4 credits of CCGPS Cal or AP Cal

### Credit Earned

- 1 credit
- 1 credit
- 1 credit
- 1 credit

**Total 4 credits**

- **Science**
  - Chemistry or Environmental Science or Earth Systems or AP/IB or Approved Dual Enrollment Course
  - United States History or AP US History or IB History of the Americas or Approved Dual Enrollment Course

**Total 3 credits**

- **V. Health/Personal Fitness**
  - 1/2 credit

**Total 1 credit**

- **VI. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)**

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**12th Grade**

- **Advanced Composition or British Literature or AP/IB English Literature & Composition or Approved Dual Enrollment Course**
  - CCGPS Pre-Cal or Adv Math Decision Making or AP Math of Ind & Gov

### Credit Earned

- 1 credit

**Total 1 credit**

- **Science**
  - Any other of the previous courses or Zoology or Ecology or Approved Dual Enrollment Course
  - Eco/Business/Free Enterprise or AP Macro Econ or AP Micro Econ or IB Macro Econ or Approved Dual Enrollment Course

**Total 1 credit**

- **VI. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)**

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**Sample Elective Courses**

- **Literary Types/Composition:**
  - 1 credit

- **Journalism:**
  - 1 credit

- **Oral/Written Communication Speech:**
  - 1 credit

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**Legend:**

- *Science: Approved 4th Sciences may be used to meet both the required science and required elective in a Career, Technical, and Agricultural Education (CTAE) sequence of courses; see Fourth Science Requirements for more information. Student may take science courses in any sequence.
- *Math: Select Math sequence 1, 2, 3, 4, based on 9th grade entry course.
- **Students must complete two credits of the same world language for admission to University System of Georgia institutions.
- **Students should complete a CTAE pathway and take the related end of pathway assessment.

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**Note:** Local systems may offer core courses in a different sequence; not all local systems offer every pathway. Students should explore all credit possibilities including Georgia's Virtual School Program, Dual Enrollment, Advanced Placement (AP), International Baccalaureate (IB), and Work-Based Learning (WBL) to reach their educational and career goals.
*Related Pathway Occupations:
- Aquaculture Managers
- First-Line Supervisor of Aquaculture Workers
- Fishers and Related Fishing Workers
- Agricultural Science Teachers
- Farm and Ranch Managers
- Forest and Conservation Worker Biologists

Other Related Agriculture, Food, & Natural Resources Occupations:
- Soil and Plant Scientists
- Animal Scientists
- Agricultural Equipment Operators
- Nursery Workers
- Career/Technical Teachers

*ONET Online

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## SAMPLE Pathway OCCUPATIONS

See *Georgia’s HOT Careers to 2020* for more information on high-skilled, high-wage and high-demand occupations.

<table>
<thead>
<tr>
<th>Occupation Specialties</th>
<th>Entry Level of Education Needed</th>
<th>2012 Annual Wage</th>
<th>Annual Openings 2012-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquacultural Managers</td>
<td>Bachelor’s Degree</td>
<td>$69,300</td>
<td>450</td>
</tr>
<tr>
<td>First-Line Supervisors of Aquacultural Workers</td>
<td>Bachelor’s Degree</td>
<td>$45,200</td>
<td>40</td>
</tr>
<tr>
<td>Fishers and Related Fishing Workers</td>
<td>High School Diploma</td>
<td>$33,400</td>
<td>10</td>
</tr>
</tbody>
</table>

Source: Georgia Department of Labor/ONET

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## For more information about your education and career planning, including valuable financial aid information that includes grants and scholarships, see your school counselor.

### ****Current Georgia Graduation Rule

<table>
<thead>
<tr>
<th>Coursework</th>
<th>Credits</th>
<th>Coursework</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. English/Language Arts</td>
<td>4</td>
<td>V. Health &amp; Physical Education</td>
<td></td>
</tr>
<tr>
<td>II. Math</td>
<td>4</td>
<td>VI. **Career, Technical &amp; Agricultural Education and/or **</td>
<td></td>
</tr>
<tr>
<td>III. *Science</td>
<td>4</td>
<td>***World Languages, and/or Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>IV. Social Studies</td>
<td>3</td>
<td>VII. Electives</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>23</td>
<td><strong>TOTAL</strong></td>
<td></td>
</tr>
</tbody>
</table>

*Selected 4th Science courses may be used to meet both the required science and required elective in a CTAE sequence of courses.

**Students must complete three credits to complete a CTAE pathway and take the end of pathway assessment.

***Students must complete two credits of the same world languages for admission to Georgia Board of Regents colleges/universities.

**** Current graduation requirements should be met in all content areas.

NOTE: This plan represents minimum graduation requirements. Local systems may require additional coursework.

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## Postsecondary Transition:

- Students who will continue their education in a Program of Study at one of the University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Tests for admissions may vary from institution to institution. Contact the selected institution for specific testing information. Additional admissions information can be found at Staying On Course. ([www.usg.edu/student_affairs/documents/Staying_on_Course.pdf](http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf])

- Students who will continue their education in a Program of Study at one of the Technical College System of Georgia institutions should prepare to take the COMPASS test for admissions.

- Students who will continue their education and training in the US Military should take the ASVAB assessment.

- Students should utilize electronic college and career data bases to select the most appropriate postsecondary opportunities to match their selected career field, including registered apprenticeships.

- Georgia’s dual-credit programs have been combined into one program entitled Move on When Ready, in which high school students may earn their high school course credits while taking college courses.

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## Possible Student Pathway Credentialing Opportunities:

Students completing a pathway are eligible to take a Credentialing/End of Pathway Assessment (EOPA) upon successful completion of the three required courses in the pathway. For specific assessment information, refer to [http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx](http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx)