### Program of Study

**Career Field:** Environmental and Agricultural Systems  
**Career Cluster:** Agriculture, Food, and Natural Resources  
**Career Pathway:** Natural Resources Systems

#### Central Community College

**DEGREE:** Agriculture Science and Natural Resources

[Link to Program](http://www.cccneb.edu/igstemplate.cfm?SRC=SP&SRCN=programchart3&GnavID=20&SnavID=&TnavID=&LS=&PS=&KS=&cccProgramID=144&DDCTTypeId=1)

### High School

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>GENERAL ELECTIVES</th>
<th>PATHWAY ELECTIVE COURSES</th>
<th>EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES</th>
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<tbody>
<tr>
<td>9</td>
<td>English/Language Arts I</td>
<td>Algebra I</td>
<td>Physical Science</td>
<td>Geography</td>
<td>World Languages and Cultures</td>
<td>Intro to Environmental &amp; Agriculture Sciences</td>
<td>School Activities: FFA, Science Club</td>
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<td></td>
<td>Physical Education</td>
<td>Health Education</td>
<td>Community Activities: 4-H, Recycle, Tour an agribusiness, Work on a farm during the summer, Part-time employment available within this career cluster</td>
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<tr>
<td>10</td>
<td>English/Language Arts II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
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<td>Natural Resources</td>
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<td>11</td>
<td>English/Language Arts III</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>American History</td>
<td>Agribusiness</td>
<td>Agriculture Management</td>
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<td>12</td>
<td>English/Language Arts IV</td>
<td>Intro to Statistics</td>
<td>Botany or other science course</td>
<td>American Government or Economics</td>
<td>Advanced Plant Science</td>
<td>Biotechnology in Plant Science</td>
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<td>Descrete Math Pre-Calc</td>
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### Communications


### Pathway Elective Courses

- World Languages and Cultures
- Physical Education
- Health Education
- Entrepreneurship
- Information Technology App. I
- Animal Science
- Agribusiness
- Advanced Plant Science
- Biotechnology in Plant Science

### Extended Learning School/Community Activities

- School Activities: FFA, Science Club
- Community Activities: 4-H, Recycle, Tour an agribusiness, Work on a farm during the summer, Part-time employment available within this career cluster

### Major Courses

- Corn Production and Soybean Production
- Agricultural Economics
- Soil Science
- Animal Science
- Farm Management
- Agri Commodity Marketing

### Degree Requirements

- CCC Communication Courses
- CCC Math/Science Courses
- CCC Social & Behavioral Sciences Courses

**CENTRAL COMMUNITY COLLEGE**

<table>
<thead>
<tr>
<th>COMMUNICATIONS</th>
<th>MATH/ SCIENCE</th>
<th>PERSONAL DEVELOPMENT</th>
<th>SOC/ BEHAVIORAL SCIENCES</th>
<th>DEGREE REQUIREMENTS</th>
<th>MAJOR COURSES</th>
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<td>13 and 14</td>
<td>Select 9 hours from the following link:</td>
<td>Select 21 hours from the following link:</td>
<td>Select 12 hours from the following link:</td>
<td>Corn Production and Soybean Production</td>
<td>Agricultural Economics</td>
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<td>CCC Communication Courses</td>
<td>CCC Math/Science Courses</td>
<td>CCC Social &amp; Behavioral Sciences Courses</td>
<td>Soil Science</td>
<td>Animal Science</td>
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<td>Farm Management</td>
<td>Agri Commodity Marketing</td>
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6/15/2010