COMMUNITY, ENVIRONMENT, AND DEVELOPMENT, B.S.

Begin Campus: Any Penn State Campus
End Campus: University Park

Program Description
The principal goal of the Community, Environment, and Development (CED) major is to develop the knowledge and skills of undergraduate students to enable them to assist local people, their communities, and institutions effectively understand, respond to, and ultimately shape economic and social changes, including those that pose risks to the environment. The CED major focuses on the fields of community and economic development, environment and natural resources, and the critically important interactions between these fields, both locally and globally. Building skills and knowledge to tackle important environment and development issues facing communities today requires a multidisciplinary or transdisciplinary program; the major bridges the disciplines of agricultural, environmental and regional economics on the one hand and rural sociology on the other. Foundation (Level I) courses introduce students to key concepts in economics and sociology, and examine how these disciplines contribute to the basic content knowledge encompassing community and economic development and environmental economics and sociology. Level II courses build on the Foundation courses by extending the content knowledge to address the interrelationship between environment and natural resources and community and economic development. Coursework in Methods, Quantification and Communication is also required, including methods and techniques such as Geographical Information Systems and Geographical Information Analysis, statistics and survey research methods. Finally, students select among three options:

1. Community and Economic Development,
2. Environmental Economics and Policy, and
3. International Development.

Students specialize in an option that further allows them to develop skills and competencies matching their specific education and career goals. It is expected that some students completing the program will choose to attend graduate school or law school, while others will choose employment after graduation.

What is Community, Environment, and Development?
Community, Environment, and Development is a multidisciplinary program that brings together economics and sociology to help students understand and address issues related to economic and community development, the environment and natural resources, and international development. The major emphasizes critical thinking, core knowledge, and skills required for professional success working on community-level issues. To complement this core, students take an additional four courses outside of CED to tailor the major toward their own interests.

You Might Like this Program If...
- You are passionate about domestic or international development, environmental quality, or sustainability
- You would like a problem-oriented, customizable major that blends together economics, sociology, and other disciplines to give you a wide skillset
- You want small classes where professors know your name, and that emphasize discussion
- You are a “people person” and want a career that betters people’s lives
- You want a solid foundation for going to law school or graduate school

Entrance to Major
In order to be eligible for entrance to this major, a student must:
1. attain at least a C (2.00) cumulative grade-point average for all courses taken at the University, and
2. have third-semester classification (http://www.registrar.psu.edu/registration/semester_classification.cfm).

READ SENATE POLICY 37-30: ENTRANCE TO AND CHANGES IN MAJOR PROGRAMS OF STUDY (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/37-00-entrance-to-a-college-or-major)

Degree Requirements
For the Bachelor of Science degree in Community, Environment, and Development, a minimum of 120 credits is required:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>45</td>
</tr>
<tr>
<td>Electives</td>
<td>6-8</td>
</tr>
<tr>
<td>Requirements for the Major</td>
<td>88-90</td>
</tr>
</tbody>
</table>

21 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GQ courses, 6 credits of GS courses, 9 credits of GWS.

General Education
Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (http://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program) section of the Bulletin and consult your academic adviser.

The Keystone Symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required.)
- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits
Knowledge Domains
- Arts (GA): 6 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 6 credits
- Social and Behavioral Sciences (GS): 6 credits
- Natural Sciences (GN): 9 credits

Integrative Studies (may also complete a Knowledge Domain requirement)
- Inter-Domain or Approved Linked Courses: 6 credits

University Degree Requirements

First Year Engagement
All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement
6 credits are required and may satisfy other requirements
- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum
3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits
A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work
Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition
The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Requirements for the Major
To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44).

Common Requirements for the Major (All Options)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS 100</td>
<td>Effective Speech</td>
<td>3</td>
</tr>
<tr>
<td>CED 404</td>
<td>Community, Environment and Development Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>CED 417</td>
<td>Power, Conflict, and Community Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>CED 475</td>
<td>CED Integrated Capstone Experience</td>
<td>3</td>
</tr>
<tr>
<td>ECON 104</td>
<td>Introductory Macroeconomic Analysis and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 15</td>
<td>Rhetoric and Composition</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 160</td>
<td>Mapping Our Changing World</td>
<td>3</td>
</tr>
<tr>
<td>STAT 200</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Prescribed Courses: Require a grade of C or better

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 152</td>
<td>Community Development Concepts and Practice</td>
<td>3</td>
</tr>
<tr>
<td>CED 201</td>
<td>Introductory Environmental and Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>CED 230</td>
<td>Development Issues in the Global Context</td>
<td>3</td>
</tr>
<tr>
<td>CED 309</td>
<td>Land Use Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>CED 427</td>
<td>Society and Natural Resource</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBM 101</td>
<td>Economic Principles of Agribusiness Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>or ECON 102</td>
<td>Introductory Microeconomic Analysis and Policy</td>
<td></td>
</tr>
<tr>
<td>CMPSC 101</td>
<td>Introduction to C++ Programming</td>
<td>3-4</td>
</tr>
<tr>
<td>or CMPSC 203</td>
<td>Introduction to Spreadsheets and Databases</td>
<td></td>
</tr>
<tr>
<td>RSOC 11</td>
<td>Introductory Rural Sociology</td>
<td>3</td>
</tr>
<tr>
<td>or SOC 1</td>
<td>Introductory Sociology</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>MATH 22</td>
<td>College Algebra II and Analytic Geometry</td>
<td></td>
</tr>
<tr>
<td>MATH 110</td>
<td>Techniques of Calculus I</td>
<td></td>
</tr>
<tr>
<td>MATH 140</td>
<td>Calculus With Analytic Geometry I</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PLSC 1</td>
<td>American Politics: Principles, Processes and Powers</td>
<td></td>
</tr>
<tr>
<td>PLSC 3</td>
<td>Comparing Politics around the Globe</td>
<td></td>
</tr>
<tr>
<td>PLSC 14</td>
<td>International Relations</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGL 202A</td>
<td>Effective Writing: Writing in the Social Sciences</td>
<td></td>
</tr>
<tr>
<td>ENGL 202B</td>
<td>Effective Writing: Writing in the Humanities</td>
<td></td>
</tr>
<tr>
<td>ENGL 202C</td>
<td>Effective Writing: Technical Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 202D</td>
<td>Effective Writing: Business Writing</td>
<td></td>
</tr>
</tbody>
</table>

Requirements for the Option

Select an option: 30

Requirements for the Option

Community and Economic Development Option (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEE 460</td>
<td>Foundations in Leadership Development</td>
<td>3</td>
</tr>
<tr>
<td>CED 409</td>
<td>Land Use Planning and Procedure</td>
<td>3</td>
</tr>
<tr>
<td>SOC 23</td>
<td>Population and Policy Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 430</td>
<td>Principles of Community Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>or CEDEV 430</td>
<td>Principles of Local Economic Development</td>
<td></td>
</tr>
</tbody>
</table>
Program Learning Objectives

Students who complete an undergraduate major in Community, Environment & Development will have demonstrated the ability to:

Critical Thinking Skills and Scholarship:

- Read, interpret and critically analyze a broad range of community, environment and development sources.
- Use a combination of economic and sociological analytical tools to understand and explain complex community, environment and development issues.
- Explain community power structures, politics, social dynamics, diverse value systems, ideologies, cultures, and individual and collective human behavior.
- Use basic economic concepts of scarcity, choice, supply, and demand to explain typical community, environment and development problems.

- Describe important community, environment, and development policy issues occurring at community, state, national, and international levels.
- Explain the connections between households, communities, and regions in a globalizing world.

Research Skills:

- Think systemically and construct logical arguments in research design and research activities.
- Use basic qualitative research skills, including interviews, focus groups, and surveys.
- Use basic quantitative research skills, including descriptive secondary data analysis and bivariate and multivariate statistical analysis.
- Access, download, analyze and interpret common economic and social secondary data.
- Use basic mapping analysis skills.

Team and Community Engagement Skills:

- Work effectively as a member of a team.
- Demonstrate civic skills, such as openness to multiple perspectives, listening and reflection, and the ability to work across differences.
- Use common community engagement techniques, such as facilitation, meeting management, SWOT analysis, and brainstorming.

Communication Skills:

- Demonstrate reflective listening and respect for differences.
- Discuss ideas confidently and freely in an academic fashion, both with faculty and with other students.
- Write clear and coherent research papers and essays, appropriate for the audience.
- Competently and confidently make oral presentations in diverse professional and applied situations.

Academic Advising

The objectives of the university’s academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of-class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee’s unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy)

University Park
Charlene Paquette
Undergraduate Student Services Coordinator
201 Armsby Building
University Park, PA 16802
Suggested Academic Plan

Community and Economic Development Option, University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>ENGL 15, 30, or ESL 15††</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>MATH 22, 110, or 140††</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>AG 150</td>
<td>ECON 104†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CED 152*</td>
<td>GEOG 160†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>General Education Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15-16</td>
<td></td>
</tr>
</tbody>
</table>

### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 309*</td>
<td>CED 201*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMPSC 101 or 203††</td>
<td>SOC 23</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CED 230†</td>
<td>STAT 200</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CED 404</td>
<td>CAS 100, 100A, 100B, or 100C†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>General Education Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

### Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 202A, 202B, 202C, or 202D††</td>
<td>CED 452 or CEDEV 452</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ERM 411 or BLAW 425</td>
<td>CED 427†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>AEE 460</td>
<td>Specialty Area Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PLSC 1, PLSC 3, or 14</td>
<td>General Education Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>Specialty Area Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>16.5</td>
<td></td>
</tr>
</tbody>
</table>

### Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 475</td>
<td>CED 430 or CEDEV 430</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CED 417</td>
<td>CED 409</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>General Education Course (GHW)</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Specialty Area Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>Elective</td>
<td>3-6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>13.5-16.5</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 120-124

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

# Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

### Environmental Economics and Policy Option, University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>ENGL 15, 30, or ESL 15††</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>MATH 22, 110, or 140††</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>AG 150</td>
<td>ECON 104†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CED 152*</td>
<td>GEOG 160†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>General Education Course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15-16</td>
<td></td>
</tr>
</tbody>
</table>

### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 309*</td>
<td>CED 201*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMPSC 101 or 203††</td>
<td>STAT 200</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
in the spring semester. These courses carry the GWS designation and replace both ENGL 30 and CAS 100. Each course is 3 credits.

Advising Notes:

- Only 15 credits of General Education requirements may be applied toward major requirements.
- Please consult with an academic adviser in the development of your plan as some courses are not taught every semester.
- Students should complete CED 152 as early in their academic plan as possible.
- MATH 110 or MATH 140 is recommended for the EEP option.

International Development Option, University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>3 ENGL 15, 30, or ESL 15†† 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>3 MATH 22, 110, or 140†† 3-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AG 150</td>
<td>2 ECON 104† 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 152†</td>
<td>3 GEOG 160† 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Course satisfies General Education and degree requirement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>†† Course requires a grade of C or better for the major</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 309†</td>
<td>3 CED 201† 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMPSC 101 or 203††</td>
<td>3 STAT 200 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 230†</td>
<td>3 ENGL 202A, 202B, 202C, or 202D†† 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 404</td>
<td>3 SOC 23 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Course requires a grade of C or better for General Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>†† Course is an Entrance to Major requirement</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLSC 1, PLSC 3, or 14</td>
<td>3 Specialty Area Course 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 427†</td>
<td>3 CED 410 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS 100, 100A, 100B, or 100C††</td>
<td>3 CED 470 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>3 General Education Course 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>3 General Education Course 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Course requires a grade of C or better for the major</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>†† Course requires a grade of C or better for General Education</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth Year</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 475</td>
<td>3 CED 420 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 450</td>
<td>3 CED 425 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 417</td>
<td>3 Elective 3-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

All incoming Schreyer Honors College first-year students at University Park will take ENGL/CAS 137 in the fall semester and ENGL/CAS 138
Specialty Area Course | 3 General Education Course (GHW) | 1.5
---|---|---
General Education Course | 3 Specialty Area Course | 3

Total Credits 120-123

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

**University Requirements and General Education Notes:**

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

All incoming Schreyer Honors College first-year students at University Park will take ENGL/CAS 137 in the fall semester and ENGL/CAS 138 in the spring semester. These courses carry the GWS designation and replace both ENGL 30 and CAS 100. Each course is 3 credits.

**Advising Notes:**

- Only 15 credits of General Education requirements may be applied toward major requirements.
- Please consult with an academic adviser in the development of your plan as some courses are not taught every semester.
- Students should complete CED 152 as early in their academic plan as possible.

**Community and Economic Development Option, Commonwealth Campuses**

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

**First Year**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Spring</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 22, 110, or 140 †‡</td>
<td>3-4 ENGL 15, 30, or ESL 15 †‡</td>
</tr>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>3 ECON 104 †</td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>3 STAT 200</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course</td>
</tr>
</tbody>
</table>

Total Credits 122-126

* Course requires a grade of C or better for the major
‡ Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

**University Requirements and General Education Notes:**

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate
an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

**Advising Notes:**

- Only 15 credits of General Education requirements may be applied toward major requirements.
- Please consult with an academic adviser in the development of your plan as some courses are not taught every semester.
- Students should complete CED 152 as early in their academic plan as possible.

### Environmental Economics and Policy Option, Commonwealth Campuses

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

#### First Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 22, 110, or 140‡‡</td>
<td>3-4 ENGL 15, 30, or ESL 15‡‡</td>
</tr>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>3 ECON 104†</td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>3 STAT 200</td>
</tr>
<tr>
<td>First Year Seminar</td>
<td>1-3 General Education Course</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course (GHW)</td>
</tr>
</tbody>
</table>

**Credits:** 13-16

#### Second Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPSC 101 or 203‡‡</td>
<td>3-4 ENGL 202A, 202B, 202C, or 202D‡‡</td>
</tr>
<tr>
<td>PLSC 1, PLSC 3, or 14</td>
<td>3 GEOG 160†</td>
</tr>
<tr>
<td>CAS 100††</td>
<td>3 Environmental Science Selection</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course</td>
</tr>
</tbody>
</table>

**Credits:** 15-16

#### Third Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 152*</td>
<td>3 CED 201*</td>
</tr>
<tr>
<td>CED 230*</td>
<td>3 CED 427*</td>
</tr>
<tr>
<td>ECON 302</td>
<td>3 Specialty Area Course</td>
</tr>
<tr>
<td>CED 404</td>
<td>3 Elective</td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>3 General Education Course</td>
</tr>
</tbody>
</table>

**Credits:** 15

#### Fourth Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 309*</td>
<td>3 ECON 428</td>
</tr>
<tr>
<td>CED 429</td>
<td>3 CED 431</td>
</tr>
<tr>
<td>ERM 411 or BLAW 425</td>
<td>3 CED 417</td>
</tr>
<tr>
<td>Elective</td>
<td>3 Specialty Area Course</td>
</tr>
<tr>
<td>CED 475</td>
<td>3 Elective</td>
</tr>
</tbody>
</table>

**Credits:** 15

### Specialty Area Course Requirements:

<table>
<thead>
<tr>
<th>Specialty Area Course</th>
<th>General Education Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits:** 122-126

- * Course requires a grade of C or better for the major
- † Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- †† Course satisfies General Education and degree requirement

#### University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

#### Advising Notes:

- Only 15 credits of General Education requirements may be applied toward major requirements.
- Please consult with an academic adviser in the development of your plan as some courses are not taught every semester.
- Students should complete CED 152 as early in their academic plan as possible.
- MATH 110 or MATH 140 is recommended for the EEP option.

### International Development Option, Commonwealth Campuses

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

#### First Year

<table>
<thead>
<tr>
<th>Fall Credits</th>
<th>Spring Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 22, 110, or 140‡‡</td>
<td>3-4 ENGL 15, 30, or ESL 15‡‡</td>
</tr>
<tr>
<td>AGBM 101 or ECON 102</td>
<td>3 ECON 104†</td>
</tr>
<tr>
<td>RSOC 11 or SOC 1</td>
<td>3 STAT 200</td>
</tr>
<tr>
<td>First Year Seminar</td>
<td>1-3 General Education Course</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course (GHW)</td>
</tr>
</tbody>
</table>

**Credits:** 18

**Total Credits:** 16.5

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement
### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPSC 101 or 203††</td>
<td>3-4 ENGL 202A, 202B, 202C, or 202D††</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 1, PLSC 3, or 14</td>
<td>3 SOC 23</td>
<td>3</td>
</tr>
<tr>
<td>CAS 100††</td>
<td>3 GEOG 160†</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course</td>
<td>3</td>
</tr>
<tr>
<td>General Education Course</td>
<td>3 General Education Course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15-16</td>
</tr>
</tbody>
</table>

### Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 152*</td>
<td>3 CED 201*</td>
<td>3</td>
</tr>
<tr>
<td>CED 230*</td>
<td>3 CED 420</td>
<td>3</td>
</tr>
<tr>
<td>CED 404</td>
<td>3 CED 427*</td>
<td>3</td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>3 Specialty Area Course</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>4 General Education Course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

### Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CED 309*</td>
<td>3 CED 410</td>
<td>3</td>
</tr>
<tr>
<td>CED 450</td>
<td>3 CED 425</td>
<td>3</td>
</tr>
<tr>
<td>CED 475</td>
<td>3 CED 417</td>
<td>3</td>
</tr>
<tr>
<td>CED 470</td>
<td>3 Specialty Area Course</td>
<td>3</td>
</tr>
<tr>
<td>Specialty Area Course</td>
<td>3 General Education Course (GHW)</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td>General Education Course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

Total Credits 120-124

* Course requires a grade of C or better for the major
† Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
†† Course satisfies General Education and degree requirement

### University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

### Advising Notes:

- Only 15 credits of General Education requirements may be applied toward major requirements.
- Please consult with an academic adviser in the development of your plan as some courses are not taught every semester.
- Students should complete CED 152 as early in their academic plan as possible.

### Career Paths

Community, Environment, and Development graduates have the skills and knowledge necessary to choose from a variety of fulfilling career paths in domestic or international development, environment analysis, or sustainability. Your career depends on the experience you make for yourself as a student. Faculty and professional academic advisers in the Community, Environment, and Development program support and serve students in career development and preparation, including career decision-making, tailoring the CED major to fit career goals, internship and job search strategies, interview preparation, and preparing for employment or graduate school.

### Careers

With a Community, Environment, and Development degree, you may be prepared for a career working on community-level issues, such as economic and community development, sustainability, the environment and natural resources, and international development. Many graduates choose careers in environment/sustainability, corporate social responsibility, economic development, local government, community-based nonprofits, or local foods.

More information about potential career options for graduates of the Community, Environment, and Development Program (http://aese.psu.edu/majors/ced/careers)

### Opportunities for Graduate Studies

About 40 percent of CED graduates go to law school or pursue graduate studies.

More information about opportunities for graduate studies (http://aese.psu.edu/majors/ced/careers)

### Contact

**University Park**

DEPARTMENT OF AGRICULTURAL ECONOMICS, SOCIOLOGY, AND EDUCATION

201 Armsby Building

University Park, PA 16802

814-865-0467

ced@psu.edu

http://aese.psu.edu/majors/ced