## Community College Coursework: 61 Transfer hours

<table>
<thead>
<tr>
<th>Semester 1: 14 hours</th>
<th>NCCC Course</th>
<th>Course Name</th>
<th>Hours</th>
<th>Appalachian Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>Writing &amp; Inquiry</td>
<td>3</td>
<td>RC 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 171</td>
<td>Precalculus Algebra</td>
<td>4</td>
<td>MAT 1020</td>
<td>Grade of B or better required by the major</td>
<td></td>
</tr>
<tr>
<td>UDS TC</td>
<td>Humanity/Fine Art</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UDB TC</td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACA 122</td>
<td>College Transfer Success</td>
<td>1</td>
<td></td>
<td></td>
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</table>

Semester hours 14

<table>
<thead>
<tr>
<th>Semester 2: 16 hours</th>
<th>NCCC Course</th>
<th>Course Name</th>
<th>Hours</th>
<th>Appalachian Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 112</td>
<td>Writing/Research in the Disciplines</td>
<td>3</td>
<td>RC 2001</td>
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<tr>
<td>UDS TC</td>
<td>Science (Physics preferred)</td>
<td>4</td>
<td></td>
<td>The major requires a 2-semester sequence in either Physics, Biology, or Chemistry</td>
<td></td>
</tr>
<tr>
<td>UDS TC</td>
<td>Humanity/Fine Art</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UDS TC</td>
<td>Social/Behavioral Science</td>
<td>3</td>
<td></td>
<td></td>
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Semester hours 16

<table>
<thead>
<tr>
<th>Semester 3: 16 hours</th>
<th>NCCC Course</th>
<th>Course Name</th>
<th>Hours</th>
<th>Appalachian Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Major/Elective/GEC</td>
<td>Science (Physics preferred)</td>
<td>4</td>
<td></td>
<td>The major requires a 2-semester sequence in either Biology, Chemistry or Physics</td>
<td></td>
</tr>
<tr>
<td>Pre-Major/Elective/GEC</td>
<td>Environmentally themed course</td>
<td>3</td>
<td></td>
<td>This course may count as Interdisciplinary coursework or a Major Elective</td>
<td></td>
</tr>
<tr>
<td>Pre-Major/Elective/GEC</td>
<td>Business themed course</td>
<td>3</td>
<td></td>
<td>This course may count as Interdisciplinary coursework or a Major Elective</td>
<td></td>
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</table>

Semester hours 16

<table>
<thead>
<tr>
<th>Semester 4: 15 hours</th>
<th>NCCC Course</th>
<th>Course Name</th>
<th>Hours</th>
<th>Appalachian Equivalent</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 110</td>
<td>Technology &amp; Society</td>
<td>3</td>
<td>FSC 2029</td>
<td>Required by the major</td>
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</tr>
<tr>
<td>Pre-Major/Elective/GEC</td>
<td>Environmentally themed course</td>
<td>3</td>
<td></td>
<td>This course may count as Interdisciplinary coursework or a Major Elective</td>
<td></td>
</tr>
<tr>
<td>Pre-Major/Elective/GEC</td>
<td>Business themed course</td>
<td>3</td>
<td></td>
<td>This course may count as Interdisciplinary coursework or a Major Elective</td>
<td></td>
</tr>
</tbody>
</table>

Semester hours 15

Total AA degree hours 61

### HOW-TO Use the Transfer Guide/BDP

The Transfer Guides/BDPs have three sections:

1. The NC Community College courses are listed in the top yellow section. Recommended and/or preferred courses are provided, with the equivalent Appalachian courses listed. If a specific course is not listed, students should use the blue hyperlink to access the Comprehensive Articulation Agreement (CAA) transfer course list. Students are welcome to choose any CAA course; however, students should choose courses that are available at their institution and satisfy their transfer degree requirements.

2. Appalachian courses are listed in the middle gray section. Some majors recommend a summer start term, which is listed in red at the top of the transfer guide/BDP and again in the grey section. Students should use this information to apply to Appalachian based on the recommended start term.

3. Important transfer and major information is listed in the bottom white sections. Students should refer to these sections for information regarding program requirements and other important information the department would like students to be aware of.

### Please note
Transfer Guides/BDPs are developed based on the approved curriculum for that catalog year. Depending on term of entry and the curriculum posted for that catalog year, programs of study may have changed.
### Appalachian Course Work: 64 hours

#### Semester 5: 6 hours
**Appalachian Course** | **Course Name** | **Hours** | **Notes**
--- | --- | --- | ---
TEC 1708 | Construction Methods I | 3 | 
TEC 2718 | Building Services | 3 | 
Semester hours | 6 | 

#### Semester 6: 13 hours
**Appalachian Course** | **Course Name** | **Hours** | **Notes**
--- | --- | --- | ---
TEC 1728 | Architectural Graphics and Modeling | 3 | 
TEC 2601 | Energy Issues and Technology | 3 | 
TEC 3610 | Computer Applications for Renewable Energy Systems | 3 | 
TEC 3807 | Construction Safety | 1 | 
Interdisciplinary Coursework | | | 
Interdisciplinary Coursework | | | 
Semester hours | 16 | 

#### Semester 7: 15 hours
**Appalachian Course** | **Course Name** | **Hours** | **Notes**
--- | --- | --- | ---
TEC 2024 | Introduction to Electronics | 3 | 
Interdisciplinary Coursework | | | 
TEC 3609 | Introduction to PV Technology | 3 | 
Electives for the Major (TEC 3604) | Sustainable Transportation | 3 | Choose from approved list 
TEC 3638 | Foundations of Sustainable Technology | 3 | 
Semester hours | 15 | 

#### Semester 8: 16 hours
**Appalachian Course** | **Course Name** | **Hours** | **Notes**
--- | --- | --- | ---
Electives for the Major (TEC 3605) | Sustainable Resource Management | 3 | Choose from approved list 
Electives for the Major (3612) | Instrumentation for Renewable Energy Systems | 3 | Choose from approved list 
Electives for the Major (4520) | PV Business | 3 | Choose from approved list 
Electives for the Major (3748) | Building Science | 3 | Choose from approved list 
TEC 4628 | Solar Thermal Energy Technology | 3 | 
Semester hours | 15 | 

#### Semester 9: 15 hours
**Appalachian Course** | **Course Name** | **Hours** | **Notes**
--- | --- | --- | ---
Technical Specialization Elective (4615) | Renewable Energy Project Development | 3 | Choose from approved list 
Technical Specialization Elective (4633) | Photovoltaics II | 3 | Choose from approved list 
TEC 4607 | Wind & Hydro Power Technology | 3 | 
Technical Specialization Elective (4700) | Bioenergy Technology | 3 | Choose from approved list 
TEC 4638 | Contemporary Problems in Sustainable Technology | 3 | 
Semester hours | 15 | 

Total Appalachian hours | 67 | 

#### Interdisciplinary Coursework
- **List of recommended interdisciplinary courses:**
  - BIO 3312 or ECO 2620 or GYH 2812 or 3820 or IND 2012 or 2110 or 3004 or MGT 3010 or PHIL 2015 or PHYS 1830 or 3140 or PLN 2400 or 2812 or 4240 or S_D 2400 or 3400 or 4100
  - Electives for the Major
  - Choose 25 – 27 semester hours from TEC 3520, 3530 – 3549, 3604, 3605, 3606, 3612, 3704, 3748, 4520, 4530 – 4539, 4613, 4615, 4616, 4618, 4633,

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**Transfer Information:**
- Students are strongly encouraged to transfer in the summer.
- Students should complete a UGETC 2-semester Science sequence in either Biology, Chemistry, or Physics.
- A grade of B or better is required in MAT 171 to meet major requirements.

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**Transfer Resources:**
- Online & Transfer Services: [transfer.appstate.edu](http://transfer.appstate.edu)
- Office of Admissions: [admissions.appstate.edu](http://admissions.appstate.edu)
- Office of Financial Aid: [financialaid.appstate.edu](http://financialaid.appstate.edu)
- Scholarships: [scholarships.appstate.edu](http://scholarships.appstate.edu)
- Career Development: [careers.appstate.edu](http://careers.appstate.edu)
- University Housing: [housing.appstate.edu](http://housing.appstate.edu)
- Off-Campus Housing: [offcampushousing.appstate.edu](http://offcampushousing.appstate.edu)
- Campus Activities: [campusactivities.appstate.edu](http://campusactivities.appstate.edu)

Questions, call Online & Transfer Services: 828-262-7877