Articulated Degree Plan
Between
Rose State College and East Central University

The attached degree plan is a joint effort between the Engineering and Science Division, Rose State College, and the Department of Environmental Health Science, East Central University. The agreement will allow students to apply the A.S. in Environmental Science from Rose State College to the B.S. in Environmental Health Science at East Central University.

Dr. Ric Baser
Vice President for Academic Affairs
Rose State College

Dr. Duane C. Anderson
Vice President for Academic Affairs
East Central University

Active 10/17/13
ROSE STATE COLLEGE/EAST CENTRAL UNIVERSITY

Transfer Agreement

A.S. in Environmental Science at RSC to B.S. in Environmental Health Science at ECU

1. With the completion of an Associate in Science (A.S.) degree in Environmental Science from Rose State College, students will have satisfied all general education requirements at East Central University.

2. With the completion of an Associate in Science (A.S.) from Rose State College, students may transfer credit hours of Environmental Science, Mathematics, Chemistry, Life Science, Computer and Information Technology, and Physics to East Central University from the following list of equivalent courses:

<table>
<thead>
<tr>
<th>Rose State College</th>
<th>East Central University</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVT 1103 Intro to Environmental Science</td>
<td>EHS 1113 Intro to Environmental Health Science</td>
</tr>
<tr>
<td>ENVT 1203 Intro. Water/Wastewater Treatment (proposed new title)</td>
<td></td>
</tr>
<tr>
<td>ENVT 2113 Solid &amp; Hazardous Waste: Prin./Management</td>
<td>EHS 2313 Solid &amp; Hazardous Waste Management</td>
</tr>
<tr>
<td>ENVT 2413 Radiological Health (proposed new course)</td>
<td>EHS 2413 Env. Aspects of Radiological Health</td>
</tr>
<tr>
<td>ENVT 2403 Industrial Hygiene Practices</td>
<td>EHS 2613 Industrial Hygiene</td>
</tr>
<tr>
<td>ENVT 2123 Air Quality</td>
<td>EHS 3603 Air Quality</td>
</tr>
<tr>
<td>LFSC 1215 General Botany</td>
<td>BIOL 1214 General Botany</td>
</tr>
<tr>
<td>LFSC 1315 General Zoology</td>
<td>BIOL 1314 General Zoology</td>
</tr>
<tr>
<td>LFSC 2035 Principle of Microbiology</td>
<td>BIOL 2345 General Microbiology</td>
</tr>
<tr>
<td>MATH 1513 College Algebra</td>
<td>MATH 1513 College Algebra</td>
</tr>
<tr>
<td>CHEM 1135 General College Chemistry I</td>
<td>CHEM 1114 General Chemistry I</td>
</tr>
<tr>
<td>CHEM 1145 General College Chemistry II</td>
<td>CHEM 1214 General Chemistry II</td>
</tr>
<tr>
<td>CHEM 2124 Organic Chemistry I</td>
<td>CHEM 3114 Organic Chemistry I</td>
</tr>
<tr>
<td>PHYS 2414 General Physics I and</td>
<td>PHYS 1114 General Physics I</td>
</tr>
<tr>
<td>PHYS 2401 General Physics Lab I</td>
<td></td>
</tr>
<tr>
<td>CIT 1103 Introduction to Computers</td>
<td>CMPSC 1513 Computer Literacy</td>
</tr>
</tbody>
</table>

3. Additional Environmental Science courses at Rose State College which would transfer as non-EHS electives to East Central University:

- ENVT 1205 Environmental Monitoring
- ENVT 2233 Water Quality
4. Courses to be taken at East Central University:

**Required courses:** (exclusive of transfer)

- EHS 3114 Epidemiology
- EHS 3153 Environmental Health Administration
- EHS 3553 Water and Wastewater Treatment
- EHS 3703 Environmental Measurements
- EHS 3803 Environmental Toxicology
- EHS 4203 Community Health
- EHS 4703 Environmental & Risk Assessment
- EHS 4802 Environmental Health Lab
- EHS 4946 Internship in Environmental Health

**Required Electives** (6 hours of the following, exclusive of transfer from RSC):

- EHS 3543 Groundwater Hydrology
- EHS 4113 Institutional Health
- EHS 4143 Food, Milk, & Consumer Protection
- EHS 4553 Environmental Chemistry
- EHS 4981-4 Seminar
- EHS 4981-4 Individual Studies

**Free Electives** to bring total hours to 124

5. The student must also satisfy all additional graduation requirements established by East Central University. This includes the completion of at least 60 semester hours of coursework at a senior college or university, including 40 semester hours of 3000-4000 level coursework.

**DEGREE TOTAL:** 124 hours (minimum)

**Transfer of GENERAL EDUCATION Requirements:**

<table>
<thead>
<tr>
<th>Rose State College</th>
<th>East Central University</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td><strong>English Composition</strong></td>
</tr>
<tr>
<td>ENGL 1113 English Composition I</td>
<td>ENG 1113 Freshman Composition I</td>
</tr>
<tr>
<td>ENGL 1213 English Composition II</td>
<td>ENG 1213 Freshman Composition II</td>
</tr>
<tr>
<td>CIT 1103 Introduction to Computers</td>
<td></td>
</tr>
<tr>
<td><strong>History</strong></td>
<td><strong>Communications</strong></td>
</tr>
<tr>
<td>HIST 1483 U.S. History to 1877 or</td>
<td>CMPSC 1513 Computer Literacy</td>
</tr>
<tr>
<td>HIST 1493 U.S. History since 1977</td>
<td></td>
</tr>
<tr>
<td><strong>Political Science</strong></td>
<td><strong>U.S. Government/History</strong></td>
</tr>
<tr>
<td>POLS 1113 American Federal Government</td>
<td>HIST 2483 U.S. History Survey to 1877 or</td>
</tr>
<tr>
<td></td>
<td>HIST 2493 U.S. History Survey since 1877</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td><strong>Lab Science</strong></td>
</tr>
<tr>
<td>Life Science</td>
<td>Requirements met by program</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Requirements met by program</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Mathematics</strong></td>
</tr>
<tr>
<td>Mathematics</td>
<td>Requirements met by program</td>
</tr>
<tr>
<td><strong>Humanities (6 hours)</strong></td>
<td><strong>Humanities &amp; Social Sciences (12 hours)</strong></td>
</tr>
<tr>
<td><strong>Liberal Arts Elective (3 hours)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education (2 hours)</strong></td>
<td>Wellness (2 hours)</td>
</tr>
</tbody>
</table>
East Central University  
1100 E. 14th St., Ada, OK  
(580) 332-8000—http://www.ecok.edu/

<table>
<thead>
<tr>
<th>ECU Department</th>
<th>ECU Contact</th>
<th>ECU Program</th>
<th>RSC Division</th>
<th>RSC Contact</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Health and Science</td>
<td></td>
<td>Environmental Health and Science Bachelor of Science</td>
<td>Engineering and Science</td>
<td>Mr. Dan Ratcliff</td>
<td>Environmental Science Associate in Science</td>
</tr>
</tbody>
</table>

## Course/Degree Equivalencies

**Rose State College**  
Environmental Science Associate in Science degree program  

<table>
<thead>
<tr>
<th>General Education Equivalents</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 1113</strong></td>
<td>English Composition I</td>
</tr>
<tr>
<td><strong>ENGL 1213</strong></td>
<td>English Composition II</td>
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<td><strong>Life Science</strong></td>
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<td><strong>Physical Science</strong></td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>Requirements met by Program</td>
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<tr>
<td><strong>Humanities</strong></td>
<td>Six hours from list of approved humanities courses in the Rose State College Catalog</td>
</tr>
<tr>
<td><strong>Liberal Arts Elective</strong></td>
<td>At least one course (3 credit hours) from one of the following areas: psychology, social sciences, foreign language, fine arts (Art, Music, Theater)</td>
</tr>
<tr>
<td><strong>HPER</strong></td>
<td>Two (2) credit hours from health, physical education and recreation activity or other HPER course</td>
</tr>
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<td><strong>ENVT 1103</strong></td>
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## Program Requirements

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<tr>
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<td>General Physics I</td>
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<td>And</td>
<td>And</td>
<td></td>
<td>And</td>
</tr>
<tr>
<td>PHYS 2401</td>
<td>General Physics Lab I</td>
<td></td>
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<td>Introduction to Computers</td>
<td>CMPSC 1513</td>
<td>Computer Literacy</td>
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<tr>
<td>ENVT 1205</td>
<td>Environmental Monitoring</td>
<td>Non-EHSElective</td>
<td>Non-EHSElective</td>
</tr>
<tr>
<td>ENVT 2233</td>
<td>Water Quality</td>
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**Associate in Science degree total: 62 credit hours**

**Upper Division Level Coursework**

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<th>Required Coursework</th>
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<td>Bachelor degree total: 124 credit hours (minimum)</td>
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