Transfer Agreement
Between
Rose State College
and
University of Central Oklahoma

Effective Academic Year: 2014-2015

Associate in Science- Environmental Sciences

and

Bachelor of Science – Industrial Safety

Daniel Ratcliff
Program Coordinator, Env. Sci.
12/4/14

Dr. Wayne Jones, Dean
Engineering and Sciences Division
12/4/14

Dr. Frances Hendrix
Vice President for Academic Affairs
12/4/14

Dr. Candy Sebert, Chair
Adult Education and Safety Sciences
10/27/14

Dr. James Machell, Dean
College of Education and Prof. Studies
10/27/14

Dr. John Barthell, Provost
Vice President for Academic Affairs
29 October, 2014

Date

Date

Date
**Minimum Total Credit Hours: 62**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></td>
</tr>
<tr>
<td>General Education</td>
<td></td>
</tr>
<tr>
<td>Physical Science</td>
<td></td>
</tr>
<tr>
<td>Life Science</td>
<td></td>
</tr>
<tr>
<td>Program Requirements</td>
<td></td>
</tr>
</tbody>
</table>

**General Education Requirements: 34 Hours**

- ENGL 1113: English Composition
- HIST 1111: U.S. History through 1877
- HIST 1112: U.S. History since 1877
- ENGL 1130: English Composition
- PHYS 1140: General Biology
- CHEM 1110: General Chemistry

**Support and Related Requirements: 8 Hours**

- MATH 1130: College Algebra
- MATH 1112: College Algebra
- ENGL 1112: English Composition
- ENGL 1133: English Composition

**Program Requirements**

1. 3 hours
   - PHYS 1140: General Biology
2. 3 hours
   - CHEM 1110: General Chemistry
3. 3 hours
   - MATH 1130: College Algebra
4. 3 hours
   - ENGL 1112: English Composition

**Additional Course**

- ENGL 1133: English Composition

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**Date:**

**ID Number:**

**Student's Name:**

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**Major Title:** Associate in Science

**Major Number:** 122-201

**Program:** Environmental Science

**Degree Program:** Environmental Science
Transfer Agreement
Rose State College: A.S. in Environmental Science and
University of Central Oklahoma: B.S. in Industrial Safety
Major Code: 3260

Rose State College Courses
General Education as stated in RSC Catalog
ENGL 1113 English Composition I
ENGL 1213 English Composition II
HIST 1493 U.S. History since 1877 or
HIST 1483 U.S. History to 1877
POLI 1113 American Federal Government
HUM
HPER
Liberal Arts Elective

UCO requirement
ENGL 1113 English Composition
ENGL 1213 English Composition and Research
HIST 1493 History of U.S. since 1877
HIST 1483 History of U.S. to 1877
POLI 1113 American National Government

RSC A.S. completes UCO University Core Requirements.

MATH 1513 College Algebra
CHEM 1114 Introductory Chemistry
PHYS 1513 Introductory Physics
ENSC 1103 Introduction to Environmental Science
ENSC 2113 Solid and Hazardous Waste: Principles and Management
ENSC 2123 Air Quality
ENSC 2191 Individual Studies
ENSC 2233 Water Quality Resources
ENSC 2403 Industrial Hygiene Practices

BIO 2263 Environmental Biology
MATH 1513 College Algebra
CHEM 1014 Introductory Chemistry and Lab
PHYS 1003 Introduction to Physics
SFTY 4163 Environmental Safety
SFTY 4213 Chem and Toxicology of Hazardous Material and Waste
Elective
Elective
SFTY 4333 Storm Water Management
SFTY 4123 Industrial Hygiene I

*Total 62-64 hours
*To include additional course work required for the A.S. in Environmental Science as presented in the RSC Catalog

To be taken at the University of Central Oklahoma

Industrial Safety

Required Courses: 45

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFTY</td>
<td>2343 Safety Education</td>
</tr>
<tr>
<td>SFTY</td>
<td>2503 Basic Measurements for Industrial Safety</td>
</tr>
<tr>
<td>SFTY</td>
<td>3073 Industrial Safety I</td>
</tr>
<tr>
<td>SFTY</td>
<td>3333 Ergonomics</td>
</tr>
<tr>
<td>SFTY</td>
<td>3433 Introduction to OSHA</td>
</tr>
<tr>
<td>SFTY</td>
<td>4173 Fire Prevent., Protect. and Control</td>
</tr>
<tr>
<td>SFTY</td>
<td>4412 Hazard Communication</td>
</tr>
<tr>
<td>SFTY</td>
<td>4433 Occupational Risk Management</td>
</tr>
<tr>
<td>SFTY</td>
<td>4613 Professional Safety Development</td>
</tr>
<tr>
<td>SFTY</td>
<td>4900 Industrial Safety Practicum (1-4 hours)</td>
</tr>
</tbody>
</table>
### Transfer Agreement

**Rose State College: A.S. in Environmental Science and**
**University of Central Oklahoma: B.S. in Industrial Safety**

*Major Code: 3260*

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#### Rose State College Courses

**General Education as stated in RSC Catalog**

- ENGL 1113 English Composition I
- ENGL 1213 English Composition II
- HIST 1493 U.S. History since 1877 **or**
- HIST 1483 U.S. History to 1877
- POLS 1113 American Federal Government
- HUM
- HPER
- Liberal Arts Elective

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#### UCO requirement

- ENG 1113 English Composition
- ENG 1213 English Composition and Research
- HIST 1493 History of U.S. since 1877
- HIST 1483 History of U.S. to 1877
- POL 1113 American National Government

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**RSC A.S. completes UCO University Core Requirements.**

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#### Courses

- LFSC 2444 Ecology
- MATH 1513 College Algebra
- CHEM 1114 Introductory Chemistry
- PHYS 1513 Introductory Physics
- ENSC 1103 Introduction to Environmental Science
- ENSC 2113 Solid and Hazardous Waste: Principles and Management
- ENSC 2123 Air Quality
- ENSC 2191 Individual Studies
- ENSC 2233 Water Quality
- ENSC 2403 Industrial Hygiene Practices

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**BIO 2263 Environmental Biology**

**MATH 1513 College Algebra**

**CHEM 1014 Introductory Chemistry and Lab**

**PHY 1003 Introduction to Physics**

**SFTY 4163 Environmental Safety**

**SFTY 4213 Chem and Toxicology of Hazardous Material and Waste**

**Elective**

**Elective**

**SFTY 4333 Storm Water Management**

**SFTY 4123 Industrial Hygiene I**

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*Total 62-64 hours*

*To include additional course work required for the A.S. in Environmental Science as presented in the RSC Catalog*

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**To be taken at the University of Central Oklahoma**

*.................................60-62*

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### Industrial Safety

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>SFTY 2343</td>
<td>Safety Education</td>
</tr>
<tr>
<td>SFTY 2503</td>
<td>Basic Measurements for Industrial Safety</td>
</tr>
<tr>
<td>SFTY 3073</td>
<td>Industrial Safety I</td>
</tr>
<tr>
<td>SFTY 3333</td>
<td>Ergonomics</td>
</tr>
<tr>
<td>SFTY 3433</td>
<td>Introduction to OSHA</td>
</tr>
<tr>
<td>SFTY 4173</td>
<td>Fire Prevent., Protect. and Control</td>
</tr>
<tr>
<td>SFTY 4412</td>
<td>Hazard Communication</td>
</tr>
<tr>
<td>SFTY 4433</td>
<td>Occupational Risk Management</td>
</tr>
<tr>
<td>SFTY 4613</td>
<td>Professional Safety Development</td>
</tr>
<tr>
<td>SFTY 4900</td>
<td>Industrial Safety Practicum (1-4 hours)</td>
</tr>
</tbody>
</table>
Concentration

Complete concentration A or B

Concentration A:
Select at least 18 hours from the following:
- SFTY 2413 Hand, Power, and Machine Tool Safety
- SFTY 3343 Construction Safety
- SFTY 3443 Mandatory OSHA Training
- SFTY 4013 Alcohol and Drug Education
- SFTY 4083 Industrial Safety II
- SFTY 4203 Prin., Hist., and Phil. of Safety Education
- SFTY 4232 Life Safety Code
- SFTY 4402 Supervision of Transportation

Concentration B:
Select at least 18 hours from the following:
- SFTY 3112 Physical Aspects of Industrial Safety
- SFTY 3353 Radiation Safety
- SFTY 4133 Industrial Hygiene II
- SFTY 4142 Respiratory Protection
- SFTY 4152 Personal Protective Equipment
- SFTY 4243 Industrial Noise Control
- SFTY 4253 Electrical Safety
- SFTY 4463 Industrial Ventilation

Electives to bring total to ......................... 124

Recommended electives:
- HLTH 2212 First Aid with CPR
- SFTY 2323 Product Safety
- SFTY 3102 Legal Aspects of Safety Education
- SFTY 3203 Driver and Traffic Safety Education I
- SFTY 3623 Fundamentals of Petroleum Safety
- SFTY 3633 International Safety
- SFTY 4222 Industrial Fire Systems
- SFTY 4303 Driver and Traffic Safety II
- SFTY 4323 Underground Storage Tank Management
- SFTY 4423 Applied Ergonomics
- SFTY 4443 Asbestos and Lead Management
- SFTY 4453 Hazard Waste Operations and Emergency Response
- SFTY 4522 Industrial Process Safety
- SFTY 4950 Internship in Industrial Safety (1-4 hours)
Other courses as approved by Program Coordinator

Students in one area of concentration may take any class in the other area of concentration as an elective.

UCO electives .............................................. 17 (check total hours in upper division)
UCO total ..................................................... 62-60
Rose State College total hours ......................... 62-64

Electives to bring total to ......................... 124
Minimum Grade Requirements

Average in (a) all college coursework, (b) coursework at UCO, and (c) major courses......2.00

Students must meet all bachelor degree requirements at UCO to include:

40 hours of upper division coursework
30 hours in residence at UCO
15 of the last 30 hours must be taken in residence at UCO

For other regulations pertaining to graduation, see the UCO 2014-2015 Undergraduate Catalog.