

**UT-Chattanooga/Chattanooga State Tech. Comm. College**  
**2006-2007 Articulation/Transfer Agreement**  
**B.S., Environmental Science: Biology**

**Chattanooga State Technical Community College**  
**(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
CHEM 1110, 1120	4	4	BIOL 1110, CHEM 2010	4	4
ENGL 1010, 1020	3	3	MATH 1530	0	3
ESC 1110, 1120	4	4	SP 110	3	0
**MATH 1710, 1830	3	3	*History Sequence	3	3
*Literature	3	0	*Hum. and/or Fine Arts	3	3
			*Soc. & Beh. Sciences	3	3
Total	17	14	Total	16	16

\*Must be selected from list on back.

\*\*MATH 1720, 1910 may be substituted for MATH 1710, 1830.

(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga**  
**(Bachelor of Science, Environmental Science: Biology)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 122	4	ESC 410	3
BIOL 306/307	4	ESC 484	3
CHEM 341	4	1 course from: ESC 407, 430, SOC 209, COMM 410, ECON 430	3
GEOG 221	3	1 course from: ESC 340, 360, ENEV 431, GEOG 465, 466	3-4
3 courses from: BIOL 207, *311, 312, 313, 325, 342, 351, 352, 408, 416, 456, 457, 458	11-12	2 courses from: ESC 406, 440, 460 or ESC/GEOL 225	3-4
1 course from: BIOL 251, ESC 240, 250, 406, 440, 460, ESC/GEOL 225, GEOL 436, 445	3-4	Senior Experience: 2 hours from: ESC 480, 490, 491r, 495r, 496r, 497r, 498r	2-6
ENGL 278 or BIOL 495	3	Electives	
Total	32-34	Total	26-28

\*BIOL 311 is recommended.

Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.

A minimum of three laboratory courses above the 100 level from either the core or concentration is required.

Electives to complete 120 earned hours, the minimum required for graduation

39 of the 120 hours must be completed at the 300-400 level.

2.0 GPA required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College**  
**2006-2007 Articulation/Transfer Agreement**  
**B.S., Environmental Science: Chemistry**

**Chattanooga State Technical Community College**  
**(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
CHEM 1110, 1120	4	4	CHEM 2010, 2020	4	4
ENGL 1010, 1020	3	3	ESC 1110, 1120	4	4
MATH 1710, 1720	3	4	MATH 1910	4	0
*History Sequence	3	3	SP 110	0	3
*Literature	0	3	*Hum. and/or Fine Arts	3	3
			*Soc. & Beh. Sciences	3	3
Total	13	17	Total	18	17

\*Must be selected from list on back.  
 (Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga**  
**(Bachelor of Science, Environmental Science: Chemistry)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 121	4	BIOL 306/307	4
BIOL 122	4	ESC 410	3
BIOL 216 or MATH 210	3	ESC 484	3
CHEM 341	4	PHYS 103/183	4
CHEM 342	4	PHYS 104/184	4
ENGL 278 or BIOL 495	3	1 course from: ESC 407, 430, SOC 209, COMM 410, ECON 430	3
ESC 225 (226 recommended)	3-4	Senior Experience: 2 hrs from: ESC 480, 490, 491r, 495r, 496r, 497r, 498r	2-6
GEOG 221	3	Electives	
1 course from: BIOL 251, ESC 240, 250, 406, 440, 460, ESC/GEOL 225 GEOL 436, 445	3		
1 course from: ESC 340, 360, ENEV 431, GEOG 465, 466	3-4		
Total	30	Total	30

Students who took ENGR 222, HHP 401, MATH 307, 408, PSY 201 or SOC 250 before changing major to ESC have satisfied this requirement.  
 Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.  
 A minimum of three laboratory courses above the 100 level from either the core or concentration is required.  
 Elective to complete 120 earned hours, the minimum required for graduation.  
 39 of the 120 hours must be completed at the 300-400 level.  
 2.0 GPA is required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College  
2006-2007 Articulation/Transfer Agreement  
B.S., Environmental Science: Engineering Science**

**Chattanooga State Technical Community College  
(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
CHEM 1110, 1120	4	4	CHEM 2010	0	4
ENGL 1010, 1020	3	3	ESC 1110, 1120	4	4
MATH 1710, 1720	3	4	MATH 1910	4	0
*History Sequence	3	3	SP 110	0	3
*Literature	0	3	*Hum. and/or Fine Arts	3	3
			*Soc. & Beh. Sciences	3	3
Total	13	17	Total	14	17

\*Must be selected from list on back.  
(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga  
(Bachelor of Science, Environmental Science: Engineering Science)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 216 or MATH 210	3	ESC 410	3
BIOL 306/307	4	ESC 484	3
ENGL 278 or BIOL 495	3	ENEV 331	3
ENGR 103/113	4	ENEV 437	3
ENGR 104	3	ENGR 224	3
ENGR 185	3	MATH 245	3
ENGR 211	3	1 course from: ESC 407, 430, SOC 209, COMM 410,	
GEOG 221	3	ECON 430	3
MATH 161/162	4	1 course from: ESC 340, 360, ENEV 431, GEOG 465, 466	3-4
MATH 212	3	Senior Experience: 2 hrs. from: ESC 480, 490, 491r, 495r, 496r, 497r, 498r	2-6
1 course from: BIOL 251, ESC 240, 250, 406, 440, 460, ESC/GEOL 225 GEOL 436, 445	3-4		
Total	36-37	Total	26-31

Students who took ENGR 222, HHP 401, MATH 307, 408, PSY 201 or SOC 250 before changing major to ESC have satisfied this requirement.  
Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.  
A minimum of three laboratory courses above the 100 level from either the core or concentration is required.  
Elective to complete 120 earned hours, the minimum required for graduation.  
39 of the 120 hours must be completed at the 300-400 level.  
2.0 GPA is required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College  
2006-2007 Articulation/Transfer Agreement  
B.S., Environmental Science: Geography**

**Chattanooga State Technical Community College  
(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
ENGL 1010, 1020	3	3	ESC 2430	4	0
ESC 1110, 1120	4	4	GEOG 1010	0	3
GEOL 1040, 1050	4	4	MATH 1530	0	3
**MATH 1710, 1830	3	3	SP 110	3	0
SO 110	0	3	*History Sequence	3	3
*Literature	3	0	*Hum. and/or Fine Arts	3	3
			*Soc. & Beh. Sciences	0	3
Total	17	17	Total	13	15

\*Must be selected from list on back.

\*\*MATH 1720, 1910 may be substituted for MATH 1710, 1830.

(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga  
(Bachelor of Science, Environmental Science: Geography)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 306/307	4	ESC 410	3
ENGL 278 or BIOL 495	3	ESC 484	3
GEOG 221	3	1 course from: ESC 407, 430,	
SOC 209	3	SOC 209, COMM 410, ECON 430	3
SOC 314	3	Senior Experience: 2 hours from:	
1 course from: ESC 340, 360, ENEV,		ESC 480, 490, 491r, 495r, 496r,	
431, GEOG 465, 466	3-4	497r, 498r	2-6
1 course from: BIOL 251, ESC 250,		GEOG Electives*	9
406, 440, 460, ESC/GEOL 225,		Electives	8-9
GEOL 436, 445	3-4		
GEOG Electives*	12		
Total	34-36	Total	28-33

Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.

\*9 hours of GEOG must be at the 300-400 level. With department head approval, GEOL 307 or BIOL 416 or a 300-400 level ESC course may substitute for 3 hours.

A minimum of three laboratory courses above the 100 level from either the core or concentration is required.

Electives to complete 120 earned hours, the minimum required for graduation

39 of the 120 hours must be completed at the 300-400 level.

2.0 GPA required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College  
2006-2007 Articulation/Transfer Agreement  
B.S., Environmental Science: Geology**

**Chattanooga State Technical Community College  
(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
ENGL 1010, 1020	3	3	ESC 2430	4	0
ESC 1110, 1120	4	4	GEOG 1010	0	3
GEOL 1040, 1050	4	4	MATH 1530	0	3
**MATH 1710, 1830	3	3	SP 110	3	0
*Literature	3	0	*History Sequence	3	3
			*Hum and/or Fine Arts	3	3
			*Soc. & Beh. Sciences	3	3
<b>Total</b>	<b>17</b>	<b>14</b>	<b>Total</b>	<b>16</b>	<b>15</b>

\*Must be selected from list on back.

\*\*MATH 1720, 1910 may be substituted for MATH 1710, 1830.

(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga  
(Bachelor of Science, Environmental Science: Geology)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 306/307	4	ESC 410	3
CHEM 121/123	4	ESC 484	3
CHEM 122/124	4	GEOL 341	4
ENGL 278 or BIOL 495	3	GEOL 342	4
GEOG 206 ( <i>GEOG 409 recommended</i> )	3	9 hours from: GEOL 225, 407, 436, 445, 454, or 496r	9
GEOL 221	3	Senior Experience: 2 hours from: ESC 480, 490, 491r, 495r, 496r, 497r, 498r	2-6
1 course from: ESC 340, 360, ENEV, 431, GEOG 465, 466	3-4	1 course from: ESC 407, 430, SOC 209, COMM 410, ECON 430	3
1 course from: BIOL 251, ESC 250, 406, 440, 460, ESC/GEOL 225, GEOL 436, 445	3-4		
Electives	3		
<b>Total</b>	<b>30-32</b>	<b>Total</b>	<b>28-32</b>

Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.

A minimum of three laboratory courses above the 100 level from either the core or concentration is required.

Electives to complete 120 earned hours, the minimum required for graduation

39 of the 120 hours must be completed at the 300-400 level.

2.0 GPA required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College  
2006-2007 Articulation/Transfer Agreement  
B.S., Environmental Science: Mathematics**

**Chattanooga State Technical Community College  
(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
ENGL 1010, 1020	3	3	ESC 2430	3	0
ESC 1110, 1120	4	4	MATH 1530	3	0
MATH 1910, 1920	4	4	SP 110	0	3
*History Sequence	3	3	*Hum and/or Fine Arts	3	3
*Literature	0	3	*Soc. & Beh. Sciences	3	3
			**One 2 sem. Sequence of BIOL, CHEM, GEOL, PHYS	4	4
Total	14	17	Total	16	13

\*Must be selected from list on back.

\*\*BIOL 1110 & 1120, CHEM 1110 & 1120, GEOL 1040 & 1050, PHYS 2010 & 2020.

(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga  
(Bachelor of Science, Environmental Science: Mathematics)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 306/307	4	ESC 410	3
ENGL 278 or BIOL 495	3	ESC 484	3
GEOG 221	3	MATH 350	3
MATH 212	3	MATH 407	3
MATH 245	3	MATH 408	3
MATH 255	3	MATH 412	3
MATH 300	3	2 courses from: MATH 414, 424, 428, 440, 445, 460, 470	6
MATH 308	3	1 course from: ESC 340, 360, ENEV 431, GEOG 465, 466	3-4
1 course from: ESC 407, 430, SOC 209, COMM 410, ECON 430	3	Senior Experience: 2 hours from: ESC 480, 490, 491r, 495r, 496r 497r, 498r	2-6
1 course from: BIOL 251, ESC 250, 406, 440, 460, ESC/GEOL 225, GEOL 436, 445	3-4		
Total	31-32	Total	29-34

Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement.

A minimum of three laboratory courses above the 100 level from either the core or concentration is required.

Elective to complete 120 earned hours, the minimum required for graduation.

39 of the 120 hours must be completed at the 300-400 level.

2.0 GPA is required in all Environmental Science courses.

**UT-Chattanooga/Chattanooga State Tech. Comm. College  
2006-2007 Articulation/Transfer Agreement  
B.S., Environmental Science: Sociology & Anthropology**

**Chattanooga State Technical Community College  
(General Transfer Major/Associate of Science Degree)**

**Chattanooga State**

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
ENGL 1010, 1020	3	3	ESC 2430	4	0
ESC 1110, 1120	4	4	MATH 1530	0	3
**MATH 1710, 1830	3	3	*History Sequence	3	3
SO 110 & 216	3	3	*Hum. and/or Fine Arts	3	3
SP 110	3	0	*Soc. & Beh. Sciences	0	3
*Literature	0	3	***One 2 sem. Sequence of BIOL, CHEM, GEOL, PHYS	4	4
Total	16	16	Total	14	16

\*Must be selected from list on back.

\*\*MATH 1720, 1910 may be substituted for MATH 1710, 1830.

\*\*\*BIOL 1110 & 1120, CHEM 1110 & 1120, GEOL 1040 & 1050, PHYS 2010 & 2020.

(Initial course in MATH sequence is dependent upon Math placement)

**University of Tennessee at Chattanooga  
(Bachelor of Science, ESC: Sociology and Anthropology)**

**UT Chattanooga**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
BIOL 306/307	4	ESC 410	3
ENGL 278 or BIOL 495	3	ESC 484	3
GEOG 221	3	1 course from: ESC 407, 430, SOC 209, COMM 410, ECON 430	3
SOC 314	3	1 course from: ESC 340, 360, ENEV, 431, GEOG 465, 466	3-4
SOC 414	3	Senior Experience: 2 hours from: ESC 480, 490, 491r, 495r, 496r, 497r, 498r	2-6
SOC 312 or ANTH 302	3	1 course from BIOL 251, ESC 250, 406, 440, 460, ESC/GEOL 225, GEOL 436, 445	3-4
15 hours from (minimum of 9 hrs. at the 300-400 level): ANTH 211, 335, 356, 410; SOC 209, 219, 300, 305, 317, 318, 331, 340, 415, 430, 440; COMM 410	15	Electives	
Total	34	Total	26

Students who took ENGL 276, 277, or 279 before changing major to Environmental Science have satisfied this requirement. A minimum of three laboratory courses above the 100 level from either the core or concentration is required.

Electives to complete 120 earned hours, the minimum required for graduation

39 of the 120 hours must be completed at the 300-400 level.

2.0 GPA required in all Environmental Science courses.