

**Associate of Science in Environmental Studies** <sup>Note 1</sup>  
at Montgomery County Community College  
to the Bachelor of Arts in Environmental Studies  
at Temple University College of Liberal Arts  
(Effective Fall 2021)

Montgomery County Community College Recommended Course			Temple University Equivalent	
<b>First Semester</b>			<b>First Semester</b>	
BIO 115	Environmental Biology	3	BIOL 1002	Ecosystems
BIO 121 OR BIO 151	General Biology I OR Principles of Biology I	4	BIOL 1012 OR BIOL 2112	General Biology II OR Introduction to Biology II
CHE 121 OR CHE 151	General Chemistry I OR Principles of Chemistry I	4	CHEM 1021/1023 OR CHEM 1031/1033	Intro to Chemistry I/Lab OR General Chemistry I/Lab
MAT 161	Precalculus I	4	MATH 1021	College Algebra
		<b>Semester Total:</b>	<b>15</b>	
<b>Second Semester</b>			<b>Second Semester</b>	
BIO 122 OR BIO 152	General Biology II OR Principles of Biology II	4	BIOL 1011 OR BIOL 1111	General Biology I OR Introduction to Biology I
CHE 122 OR CHE 152	General Chemistry II OR Principles of Chemistry II	4	CHEM 1022/1024 OR CHEM 1032/1034	Intro to Chemistry II/Lab OR General Chemistry II/Lab
MAT 162	Pre-Calculus II	4	MATH 1022	Precalculus
ENG 101	English Composition I	3	ENG 0802	Analytical Reading and Writing
		<b>Semester Total:</b>	<b>15</b>	
<b>Third Semester</b>			<b>Third Semester</b>	
BIO 256	Ecology	4	BIOL 2227	Principles of Ecology
GLG 115	Environmental Geology <sup>Note 2</sup>	4	ENVT 1051	Introduction to the Environment
ENG 102 OR ENG 115 OR GLG 151	English Composition II OR Writing for Technical Communication OR <b>Recommended: GLG 151: Physical Geology</b> <sup>Note 3</sup>	3-4	ENG L*** OR ENG 2008 OR EES 2001	Lower Level Elective-ENG OR Technical Writing OR Physical Geology
GEO 130	Cultural Geography	3	GUS 2002	Space and Place
CMS 110 OR CMS 120	Introduction to Speech Communication OR Public Speaking	3	SPCM L*** OR CSI 1111	Lower Level Elective- SPCM OR Public Speaking
		<b>Semester Total:</b>	<b>17-18</b>	
<b>Fourth Semester</b>			<b>Fourth Semester</b>	
GLG 125	Science of Climate Change	4	TRSC L***	Lower Level Elective-TRSC
GEO 210 OR GEO 220	Introduction to GIS OR Map Design in GIS	3	GUS 3062 OR GUS 3061	Fundamentals of GIS OR Fundamentals of Cartography
MAT 130	Probability & Statistics <sup>Note 4</sup>	4	STAT 2103	Statistical Business Analytics
Elective: Aesthetic Sensibility	See MCCC requirements	3		Dependent upon course selection <sup>Note 5</sup>
ESW 245	Safety and First Aid	3	PBHL L***	Lower Level Elective-PBHL
		<b>Semester Total:</b>	<b>17</b>	
		<b>Total Credits Taken</b>	<b>64-65</b>	

**Notes:** The B.A. in Environmental Studies in the College of Liberal Arts at Temple University consists of 13 courses (40 credits) in the major. Per the Residency Requirement, students must complete at least half of the courses at Temple.

- Students who transfer to Temple with an Associate of Science in Environmental Studies from MCCC have satisfied the terms of the Temple-MCCC GenEd-to-GenEd transfer agreement and have completed the General Education requirements necessary to graduate from Temple University.
- GLG 115 Environmental Geology at MCCC transfers to Temple as ENVT 1051: Introduction to the Environment and will satisfy Temple College of Liberal Arts Lower Level ENST 0800-4999 elective requirement through a DARS exception. Students transferring without this course may require additional time to degree completion.
- It is strongly recommended students select GLG 151: Physical Geology. GLG 151: Physical Geology at MCCC will satisfy Temple College of Liberal Arts ENST 2002 Physical Geography requirement through a DARS exception. Students transferring without this course may require additional time to degree completion.
- MAT 130: Probability & Statistics at MCCC transfers to Temple as STAT 2103: Statistical Business Analytics and will satisfy Temple College of Liberal Arts ENST 3161: Spatial Statistics requirement through a DARS exception. Students transferring without this course may require additional time to degree completion.
- To see how courses might transfer, consult Temple's Transfer Equivalency Tool: <http://http://admissions.temple.edu/transfer-equivalency-tool>. Courses not included in the transfer tool may transfer.

If the suggested classes are successfully completed at Montgomery County Community College and an Associate of Science in Environmental Studies is awarded, the remaining four semesters for the **Bachelor of Arts in Environmental Studies** are as follows:

Remaining Requirements at Temple University		
<b>Fifth Semester</b>		<b>Credits</b>
CLA 1002	Professional Development for the Liberal Arts	1
ENST 2001	Environment and Society	3
ENST 2003-4999	Environmental Studies 2003-4999 Course	3
Foreign Language 1001	1 <sup>st</sup> Level Foreign Language <i>Note a</i>	4
	Free Elective	3
<b>Semester Total:</b>		<b>14</b>
<b>Sixth Semester</b>		
ENST 2097	Research Design in Environmental Studies (WI)	3
ENST 3062 or Additional Research Methods Elective	Fundamentals of Geographic Information Systems or Additional Research Methods Elective <i>Note b</i>	3
Foreign Language 1002	2 <sup>nd</sup> Level Foreign Language <i>Note a</i>	4
CLA/CST 2000+	Upper-level CLA/CST Course <i>Note c</i>	3
	Free Elective	3
<b>Semester Total:</b>		<b>16</b>
<b>Seventh Semester</b>		
ENST 3004	Geography of Natural Resources	3
ENST 2003-4999	Environmental Studies 2003-4999 Course	3
CLA 3 <sup>rd</sup> Level Foreign Language/Global Studies	Students should select from one of the following: Foreign Language (Third level), GenEd Global/World Society course, or Internationally Focused Course from Approved List <i>Note d</i>	3
	Free Elective	3
	Free Elective	3
<b>Semester Total:</b>		<b>15</b>
<b>Eighth Semester</b>		
ENST 4198	Senior Research Seminar	3
ENST 2003-4999	Environmental Studies 2003-4999 Course	3
HUM/CST 2000+	Upper-level Humanities/CST Course <i>Note c</i>	3
	Free Elective	2-3
	Free Elective	1-2
<b>Semester Total:</b>		<b>12-14</b>
<i>Credits transferred from the A.S. in Environmental Studies at MCCC:</i>		<b>64-65</b>
<i>Remaining credits to complete B.A. in Environmental Studies at TU:</i>		<b>57-59</b>
<b>Total Credits for the B.A. in Environmental Studies</b>		<b>123</b>
<b>Notes:</b> <i>Students following this plan are under the GenEd-to-GenEd General Education program.</i>		
<ul style="list-style-type: none"> <li>a) Students must demonstrate 2<sup>nd</sup> level proficiency in a foreign language.</li> <li>b) Students who completed GEO 210 at MCCC should choose an additional research methods course (ENST 3061, 3063, 3064, 3068 or 4066). Students who completed GEO 220 should take ENST 3062.</li> <li>c) To earn a CLA baccalaureate degree, a student must complete a minimum of 123 credits, including: 90 credits in CLA/CST courses, 45 credits of which must be at the upper level (numbered 2000-4999). Of that, 6 credits must be outside the student's major division (e.g. Social Sciences or Humanities). BIO 256: Ecology at MCCC transfers to Temple as BIOL 2227: Principles of Ecology and counts as 4 credits towards the outside major division requirements.</li> <li>d) Students should select a course that satisfies the CLA Foreign Language/Global Studies requirement. Students should select one of the following: a third semester of foreign language; take one Global Studies course; study abroad at an approved program; or take a GenEd Global/World Society course.</li> <li>e) Temple University requires that all undergraduate degree candidates complete 45 hours of the last 60 hours of the degree or program as matriculated students at Temple University. If a matriculated student previously took Temple courses on a non-matriculated basis, those courses are counted towards this requirement.</li> </ul>		
Inquiries about the undergraduate program and application are handled through the Office of Admissions (Phone: 215-204-4900; E-mail: <a href="mailto:admissions@temple.edu">admissions@temple.edu</a> )		
Inquiries about the B.A. in Environmental Studies or specific course requirements can be directed to The College of Liberal Arts Center for Academic Advising & Professional Development at <a href="mailto:claaac@temple.edu">claaac@temple.edu</a>		