

TOP Code: 0301.00
 CIP Code: 03.0104
 CCC Major or Area of Emphasis: Environmental Science
 CSU Majors deemed similar: Environmental Science
 Degree Type: AS-T
 Total Minimum Semester Units for Major or Area of Emphasis: 37-39

In the four columns to the right under the **College Program Requirements**, enter the college's course identifier, title and the number of units comparable to the course indicated for the form. If the course may be double-counted with Cal-GETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to [Chancellor's Office Academic Affairs page](#) or the [ASSIST website](#)

The units indicated in the template are the **minimum** semester units required for the prescribed course or list.

- o All courses must be CSU transferable.
- o All courses with an identified **C-ID** Descriptor must be submitted to C-ID **prior** to submission of the Associate Degree for Transfer (ADT) proposal to the Chancellor's Office.
- o Where no C-ID Descriptor is indicated, discipline faculty should compare their existing course to the example course(s) provided in the form at the [C-ID website](#)

Attach the appropriate [ASSIST](#) documentation as follows:

- o Articulation Agreement by Major (AAM) demonstrating lower division preparation in the major at a CSU;
- o CSU Baccalaureate Level Course List by Department (BCT) for the transfer courses; and/or,
- o Cal-GETC Certification Course List by Area (GECC).
- o The acronyms **AAM**, **BCT**, and **GECC** will appear in C-ID Descriptor column directly next to the course to indicate which report will need to be attached to the proposal to support the course's inclusion in the transfer degree.

Associate in Science in for Environmental Science 2.0 Transfer Degree		College Name: Moorpark College			
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
REQUIRED CORE: choose Option 1 or Option 2 and all listed below (37-39 units)					
Option 1					
General Chemistry for Science Majors I, with Lab (5) and Biology Sequence for Majors (8)	CHEM 110 BIOL 135S	CHEM M01A OR CHEM M01AH	General Chemistry I OR Honors: General Chemistry I	5 5	5A, 5C 5A, 5C
OR Cell and Molecular Biology (4) and Organismal Biology (4)	BIOL 190 BIOL 140	AND BIOL M02A	AND General Biology I OR	5	5B, 5C
OR Cell and Molecular Biology (4) and Zoology/Animal Diversity and Evolution (4)	BIOL 190 BIOL 150	OR BIOL M02AH	Honors: General Biology I AND	5	5B, 5C
OR Cell and Molecular Biology (4) and Botany/Plant Diversity and Ecology(4)	BIOL 190 BIOL 155	AND BIOL M02B OR BIOL M02BH	General Biology II OR Honors: General Biology II	5 5	5B, 5C 5B, 5C

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Option 2 Cell and Molecular Biology (4) and General Chemistry for Science Majors Sequence A (10)	BIOL 190 CHEM 120S	BIOL M02A	General Biology I	5	5B, 5C
		OR BIOL M02AH	OR Honors: General Biology I	5	5B, 5C
		AND CHEM M01A	AND General Chemistry I	5	5A, 5C
		OR CHEM M01AH	OR Honors: General Chemistry I	5	5A, 5C
AND CHEM M01B	AND General Chemistry II	5	5A, 5C		
Introduction to Environmental Science (3)	ENVS 100	ENSC M01	Environmental Science	3	5A
Physical Geology (3) and Physical Geology Lab (1) OR Physical Geology with Lab (4) OR Introduction to Physical Geography (3) and Physical Geography Laboratory (1) OR Introduction to Physical Geography, with Lab (4)	GEOL 100 GEOL 100L	GEOG M01 & GEOG	Physical Geography & Physical Geography Lab	3 1	5A 5C
		OR GEOL M02 & GEOL M02L	OR Physical Geology & Physical Geology Lab	3 1	5A 5C
	GEOL 101	OR GEOL M02H & GEOL M02L	OR Honors: Physical Geology & Physical Geology Lab	3 1	5A 5C
	GEOL 110				
	GEOL 111				
	GEOL 115				
Introduction to Statistics (3)	MATH 110	STAT C1000	Introduction to Statistics	4	2
		OR STAT C1000H	OR Introduction to Statistics - Honors	4	2

TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Single Variable Calculus I – Early Transcendentals (4) OR Single Variable Calculus I – Late Transcendentals (4) OR Business Calculus (3)	MATH 210	MATH C2210	Calculus I: Early Transcendentals	5	2
	MATH 211	MATH C2210H	Calculus I: Early Transcendentals - Honors	5	2
	MATH 140	MATH M16A	Applied Calculus I	3	2
Principles of Microeconomics (3)	ECON 201	ECON C2201	Principles of Microeconomics	3	4
Algebra/Trigonometry-Based Physics AB (8) OR Calculus-Based Physics for Scientists and Engineers: A (4) and Calculus-Based Physics for Scientists and Engineers: B (4)	PHYS 100S	PHYS M10A & PHYS M10AL	General Physics I & General Physics I Lab	4 1	5A 5C
	PHYS 205	AND PHYS M10B & PHYS M10BL	AND General Physics II & General Physics II Lab	4 1	5A 5C
	PHYS 210	OR PHYS M20A & PHYS M20AL	OR Mechanics of Solids and Fluids & Mechanics of Solids and Fluids Laboratory	4 1	5A 5C
		AND PHYS M20B & PHYS M20BL	AND Thermodynamics, Electricity, and Magnetism & Thermodynamics, Electricity, and Magnetism Laboratory	4 1	5A 5C
Total Units for the Major:	37-39	Total Units for the Major:			42
		Total Units that may be double-counted <i>(The transfer GE Area limits must <u>not</u> be exceeded)</i>			13
		General Education (Cal-GETC) Units			34
		Elective (CSU Transferable) Units			0
		Total Degree Units (maximum)			60-66

Notes and History

Recommended Preparation: It is recommended that students pursue coursework in GIS / Geospatial technologies as well as increase their computer literacy and data analysis skills.

Strongly recommended that sequential coursework be completed at a single institution.

Advisory Note: It is strongly recommended that students and counselors at community colleges discuss the biology and chemistry course options that are part of major preparation at a target CSU campus and encourage students to follow the track that most closely aligns with their target CSU campus.

Note: It is possible for colleges to create an ADT at 60 units. Many colleges have calculus, statistics, and physics courses with more units than the approved C-ID minimums and courses with additional units in these areas will cause degrees to exceed the 60-unit threshold. To increase the number of colleges capable of offering this degree, this TMC has been approved to use up to 66 units.

***Please note that colleges are permitted to use up to six additional units, but no additional local requirements can be added to this degree. Students are only required to complete the full Cal-GETC pattern and the core courses listed in the TMC.**