

# **COD and Eastern Illinois University Transfer Agreement in Environmental Science.**

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~~Earth Science~~  
~~Geography~~ **Transfer Guide**  
~~Geography~~ **A.S. to Geography B.S.** *MA*

**Options in Environmental/Physical Geography or Human Geography**  
**College of DuPage and Eastern Illinois University**

*This is a suggested course pattern. Students must work with their advisor to develop a curriculum plan that meets their scheduling needs. Summer classes can also reduce the load during the fall and spring semesters.*

**FIRST YEAR**

**First Semester**

ENGLI 1101 <sup>1</sup> Composition I	3 (ENG 1001G)
EARTH 1110 <sup>2</sup> Meteorology	4 (GEO 1400G)
or EARTH 1115 <sup>2</sup> Weather	
GEOGR 1130 Cultural Geography	3 (GEO 1100G)
IAI Humanities	3 (HUM Gen Ed)
GEOGR 1151 GIS I	3 (1/2 GEO 3810)
	16

**Second Semester**

ENGLI 1102 <sup>1</sup> Composition II	3 (ENG 1002G)
EARTH 1130 <sup>2</sup> Oceanography	4 (GEO 2450G)
IAI Social Behav Sci (not GEOGR)	3 (SB Gen Ed)
IAI Fine Arts	3 (FA Gen Ed)
GEOGR 1152 GIS II	3 (1/2 GEO 3810)
	16

**SECOND YEAR**

**First Semester**<sup>4</sup>

SPEEC 1100 <sup>1</sup> Public Speaking	3 (CMN 1310G)
GEOGR 1100 <sup>5</sup> W World Geography	3 (GEO 1200G)
or GEOGR 1105 <sup>5</sup> E World Geography	
IAI Math <sup>6</sup>	3 (Math Gen Ed)
EARTH 1135 Hydrology	3 (GEO 3525)
EARTH 1101 or 1102 or 1105 Geology	4 (GEO 1300G or 1430 or 3010G)
	16

**Second Semester**

GEOGR 1120 <sup>5</sup> Economic Geog	3 (GEO 3600)
GEOGR 1154 Geodatabase	3 (GEO 3830)
IAI Biological Science	4 (BIO Gen Ed)
IAI Humanities or Fine Arts	3 (HUM/FA Gen Ed)
COD Life Skills/Global/Human <sup>12</sup>	3 (Elective)
	16

**THIRD YEAR**

**First Semester**

GEO 1120 Natural Environment	4
GEO 3800 Intro to Cartography	3
GEO Option Elective <sup>8</sup>	3
GEO Non-Option Elective <sup>9</sup>	3
Elective <sup>3</sup> or foreign language <sup>7</sup>	3
	16

**Second Semester**

GEO Option Elective <sup>8</sup>	3 (Upper Level)
GEO Option Elective <sup>8, 10</sup>	3 (Upper Level)
GEO Non-Option Elective <sup>9</sup>	3 (Upper Level)
GEO Techniques Elective <sup>11</sup>	3 (Upper Level)
Elective <sup>3</sup> or foreign language <sup>7</sup>	3
	15

**FOURTH YEAR**

**First Semester**

GEO 3885 Quantitative Methods	3
GEO Option Elective <sup>8</sup>	3 (Upper Level)
GEO Option Elective <sup>8</sup>	3 (Upper Level)
GEO Techniques Elective <sup>10, 11</sup>	3 (Upper Level)
Elective <sup>3</sup>	3 (Upper Level)
	15

**Second Semester**

EIU 4 ____ Senior Seminar	3
Elective <sup>3</sup>	3 (Upper Level)
Elective <sup>3</sup>	3 (Upper Level)
Elective <sup>3</sup>	3 (Upper Level)
	12

<sup>1</sup> A grade of "C" or better is required for EIU graduation.

<sup>2</sup> Course will count towards Environmental/Physical Geography Electives.

<sup>3</sup> Electives are to be chosen in consultation with academic advisor. Course may require a prerequisite. May choose a minor.

<sup>4</sup> Apply to Eastern one year prior to enrollment. Have official transcripts sent from College and high school.

<sup>5</sup> Course will count towards Human/Regional Geography Electives.

<sup>6</sup> Math is determined by placement assessment. Course may require a prerequisite.

<sup>7</sup> Completion of the second semester of a single foreign language is a graduation requirement. Students are exempt if two full years of a high school foreign language is complete with a "C" average or better.

<sup>8</sup> 18 semester hours in a designated Option is required. Options available in Human and Regional Geography or Environmental and Physical Geography. See catalog for course offerings.

<sup>9</sup> Course may count towards Non-Option. Must choose 9 semester hours from the course list in the non-designated Option. See catalog for course offerings.

<sup>10</sup> Select from Geography and/or Earth Science Electives chosen in consultation with EIU faculty advisor. Students are encouraged to consider an Internship, Independent Studies and/or research as part of their curriculum (GEO 42751/42851/42951, GEO 44001/44101/44201, GEO 44301/44401/44501).

<sup>11</sup> 9 semester hours of Geography Techniques Electives are required. See catalog for course offerings.

<sup>12</sup> Associate of Art degree requires Contemporary Life Skills, Global/Multicultural Studies or Human Relations. See COD catalog for listing.

**NOTE – Agreement is in effect from Fall 2017 – Fall 2021. Departmental Contacts: Eastern Illinois University: James Riley, [jdriley@eiu.edu](mailto:jdriley@eiu.edu), 217-581-3825; and College of DuPage: Diana Strode, [strodedi@cod.edu](mailto:strodedi@cod.edu), 630-942-2547 and Tom Schrader, [Schrader@cod.edu](mailto:Schrader@cod.edu), 630-942-3890. Institutional Contacts: Eastern Illinois University: Rita Pearson, [ripearson@eiu.edu](mailto:ripearson@eiu.edu), 217-581-7663. College of DuPage: Emmanuel Awuah, [awuahe@cod.edu](mailto:awuahe@cod.edu), 630-942-2652 and Justin Hardee, [hardeej@cod.edu](mailto:hardeej@cod.edu), 630-942-3977.**

**Academic Plan for Bachelor of Science in Environmental/Physical Geography  
College of DuPage and Eastern Illinois University “2+2” Articulation Agreement**

The following is presented as an articulation agreement between College of DuPage (COD) and Eastern Illinois University (EIU) for a degree in Geography with a focus of study in environmental/physical geography, based on the current catalogs of both schools. Students who complete the requirements as listed will receive an Associate in Science (A.S.) degree from COD and a Bachelor of Science (B.S.) in Geography degree from EIU.

<b>College of DuPage</b>	<b>Eastern Illinois University</b>
<b>General Education Transferable Courses</b>	<b>General Education Transferable Courses</b>
<b>Communications – 9 credit hours total</b> <i>Must be “C” or better for EIU Graduation</i>	<b>Language – 9 credit hours total</b>
ENG 1101 English Composition I – 3 credit hours	ENG 1001G – 3 credit hours
ENG 1102 English Composition II – 3 credit hours	ENG 1002G – 3 credit hours
SPEECH 1100 Fundamentals of Speech – 3 credit hours	CMN 1310G – 3 credit hours
<b>Fine Arts/Humanities – 9 - 10 credit hours total</b>	<b>Humanities and Fine Arts – 9 credit hours total</b>
Select three courses from COD catalog IAI-approved course list for the Humanities and Fine Arts disciplines: Art, English, Modern Language, History, Music, Theatre, Philosophy, or Religion. At least one course must be from the Humanities list and at least one course must be from the Fine Arts list.	IAI Fine Arts = FA Gen Ed IAI Humanities = HUM Gen Ed IAI Fine Arts or Humanities = FA or HUM Gen Ed
<b>Natural Science – 7-10 credit hours total</b>	<b>Scientific Awareness – 7 credit hours total</b>
Select from COD catalog IAI-approved course list for <b>Life Sciences</b> : BIOLO 1100 Survey of Biology or BIOLO 1110 Environmental Biology <b>Physical Sciences</b> : Select one course from the following list: EARTH 1130 Introduction to Oceanography or EARTH 1131 Fundamentals of Oceanography (3 credits; pending ICCB approval) EARTH 1135 Water Science – Fundamentals of Hydrology, EARTH 1110 Introduction to Meteorology, EARTH 1115 Severe and Unusual Weather	IAI Biology = BIO Gen Ed EARTH 1130 or 1141 = GEO 2450G – 3 credits EARTH 1110 or 1115 = GEO 1400G – 4 credits
<b>Social and Behavioral Sciences – 9 credit hours total</b>	<b>Social and Behavioral Sciences – 9 credit hours total</b>
<i>(Two different disciplines from the IAI-approved Social and Behavioral Science course list in the COD catalog is required)</i>  Select a course from the following disciplines: Anthropology, Economics, History, Political Science, or Sociology AND Select one course from: GEOGR 1100 Western World Geography or GEOGR 1105 Eastern World Geography AND GEOGR 1130 Cultural Geography	IAI Social Behavioral Science = SB Gen Ed GEOGR 1100 or 1105 = GEO 1200G – 3 credits GEOGR 1130 = GEO 1100G – 3 credits
<b>Mathematics 6 – 8 credit hours total</b>	<b>Mathematics – 3 credit hour total</b>
Select two courses, one from the IAI approved general education math and one from the math elective lists. <i>Students are strongly encouraged to select from the following list: MATH 1428 College Algebra with Applications, MATH 1533 Finite Math, MATH 1431 Precalculus I, MATH 1432 Precalculus II/Trigonometry</i>	IAI Math = MAT Gen Ed

**Academic Plan for Bachelor of Science in Environmental/Physical Geography  
College of DuPage and Eastern Illinois University “2+2” Articulation Agreement**

College of DuPage	Eastern Illinois University
<p><b>Area of Concentration - 12 credit hours total</b></p> <p>Select one course from each of the following disciplines:  <b>Hydrosciences:</b> Select one course from the following list            EARTH 1130 Introduction to Oceanography or EARTH 1131 Fundamentals of Oceanography (3 credits; pending ICCB approval), EARTH 1135 Water Science – Fundamentals of Hydrology  <b>Meteorology:</b> Select one course from the following list:            EARTH 1110 Introduction to Meteorology or EARTH 1115 Severe and Unusual Weather  <b>Geology:</b> Select one course from the following list: EARTH 1101 Physical Geology of Earth’s Interior, EARTH 1102 Physical Geology of Earth’s Surface, EARTH 1105 Environmental Geology</p>	<p><b>Area of Concentration</b></p> <p>Select up to 18 credit hours in Environmental/Physical electives            EARTH 1110 or 1115 = GEO 1400G – 4 credits            EARTH 1130 = GEO 2450G – 3 credits            EARTH 1135 = GEO 3550 *              Select up to 9 credit hours in Human/Regional electives            GEOGR 1120 = GEO 3600 *              *A 1000 level course can count for a 3000 level course, but upper division credit for the course cannot be received</p>
<p>COD Associate of Art degree requirements Contemporary Life Skills, Global/Multicultural Studies or Human Relations (see COD catalog for approved courses). These requirements are met by selecting from the general education blocks above. <i>Students are strongly encouraged to meet with a faculty advisor in the Earth Science discipline and in the Geography discipline to discuss selecting courses that will be applicable to earning the Bachelor of Science degree in Environmental/Physical Geography and to individual long-term goals.</i></p>	
<p><b>Additional Course Work (Electives) – 14 credit hours total</b></p> <p>Select 14 credit hours, no more than 4 of which may be in Physical Education. <i>Students are strongly encouraged to meet with a faculty advisor in the Earth Science discipline and in the Geography discipline to discuss selecting courses that will be applicable to earning the Bachelor of Science degree in Environmental/Physical Geography and to individual long-term goals.</i></p> <p><b>Students are strongly encouraged to select electives from the following lists:</b>  <b>Geography:</b> GEOGR 1151 Geographic Information Systems I, GEOGR 1152 Geographic Information Systems II, GEOGR 1154 Geodatabase Development  <b>Hydrosciences:</b> Select one course from the following list:            EARTH 1130 Introduction to Oceanography or EARTH 1131 Fundamentals of Oceanography (3 credits; pending ICCB approval), EARTH 1135 Water Science – Fundamentals of Hydrology  <b>Meteorology:</b> Select one course from the following list:            EARTH 1110 Introduction to Meteorology or EARTH 1115 Severe and Unusual Weather  <b>Geology:</b> Select one course from the following list: EARTH 1101 Physical Geology of Earth’s Interior, EARTH 1102 Physical Geology of Earth’s Surface, EARTH 1105 Environmental Geology            GEOGR 1154 Geodatabase Development = GEO 3830 GIS: Building Geodatabases *</p>	<p>GEOGR 1151 Geographic Information Systems I AND GEOGR 1152 Geographic Information Systems II = GEO 3810 Introduction to Geographic Information Systems *              GEOGR 1154 Geodatabase Development = GEO 3830 GIS: Building Geodatabases *              *A 1000 level course can count for a 3000 level course, but upper division credit for the course cannot be received</p>
<p>A minimum of <b>64</b> credit hours are required to earn an A.S. degree. Students will earn more than <b>67 - 70</b> credit hours in this program at COD depending on the MATH courses selected and because the core science courses have laboratory credit.</p>	<p>EIU will accept up to <b>78</b> credit hours in transfer from COD, which means that students can complete <b>14</b> additional credit hours at COD, in addition to the <b>64</b> credit hours required for the A.S. degree.</p>

## Academic Plan for Bachelor of Science in Environmental/Physical Geography College of DuPage and Eastern Illinois University “2+2” Articulation Agreement

COD students who complete the coursework outlined in this agreement will have the following requirements for the Environmental/Physical option of the Geography major at EIU. *Please note that completion of the second semester of a single foreign language is a graduation requirement. Students are exempt if two full years of a high school foreign language is complete with a “C” average or better.*

<b>University general education course</b>	
EIU 4xxxG Senior Seminar – 3 credits	
<b>Geography major required core courses</b>	
GEO 1120G The Natural Environment – 4 credits	
GEO 3800 Introduction to Cartography – 3 credits	
GEO 3885 Quantitative Methods in Geography – 3 credits	
<b>Human/Regional electives: Select 3 credits from the following list</b>	
GEO 3000 Geography of Illinois – 3 credits	
GEO 3025 Geography of the United States and Canada – 3 credits	
GEO 3050 Geography and Culture of Africa – 3 credits	
GEO 3055 Geography and Culture of Asia – 3 credits	
GEO 3060 Geography and Culture of Europe – 3 credits	
GEO 3070 Mexico and Central America – 3 credits	
GEO 3080 Geography and Culture of South America – 3 credits	
GEO 3100 Global Threats & Problems – 3 credits	
GEO 3620 Geography of Tourism – 3 credits	
GEO 3640 Geography of Sports – 3 credits	
GEO 3650 Advanced Cultural Geography – 3 credits	
GEO 3700 Historical Geography of the United States – 3 credits	
GEO 3750 Population Geography – 3 credits	
GEO 3775 Urban Geography – 3 credits	
GEO 40001 Human Geography Seminar – 1-3 credits	
STA 3970 Study Abroad – Faculty Led	
<b>Environmental/Physical electives: Select 8 credits from the following list</b>	
GEO 3020 Natural Disasters – 3 credits	
GEO 3200 Human Impacts on the Environment – 3 credits	
GEO 3115 Introduction to Paleoclimate – 4 credits	
GEO 3310 Introduction to Biogeography – 3 credits	
GEO 3320 Natural Resource Management – 3 credits	
GEO 3330 Food and Agriculture – 3 credits	
GEO 3340 Land Change Science – 3 credits	
GEO 3400 Broadcast Meteorology Practicum – 3 credits	
GEO 3410 Climatology – 3 credits	
GEO 3415 The Restless Atmosphere – 3 credits	
GEO 3420 Geomorphology – 3 credits	
GEO/HIS 3500 Climate, Environment, and History – 3 credits	
GEO 3550 Surface Water Processes and Resources – 3 credits (if EARTH 1135 <i>not</i> taken at COD)	
GEO 40002 Env/Physical Geography Seminar – 1-3 credits	
GEO 44101/2/3 Independent Study – 1-3 credits	
OR	
GEO 44401/2/3 Undergraduate Research in Geography – 1-3 credits	
GEO 4850 Environmental Geology – 3 credits	
<b>Techniques electives: Select 3 credits from the following list</b>	
GEO 3780 Land Use Planning – 3 credits	
GEO 3820 Remote Sensing I – 3 credits	
GEO 3850 GPS: Mapping the Modern Way – 3 credits	
GEO 3860 Geographic Information Systems II – 3 credits	
GEO 3865 Advanced Cartography – 3 credits	
GEO 3870 Remote Sensing II – 3 credits	
GEO 3875 Field Methods – 3 credits	
GEO 40003 Techniques Seminar – 1-3 credits	
GEO 42851/2/3 Internship in Geography – 1-3 credits	
GEO 4910 GIS Programming – 3 credits	

Maximum lower division credit hours accepted in transfer:	<b>78 credit hours</b>
Minimum upper division credits at EIU:	<b>40 credit hours</b>
Minimum required credits for B.S. in Environmental/Physical Geography:	<b>49 credit hours</b>
Minimum total credits for graduation at EIU:	<b>120 credit hours</b>