

DMACC – Drake Environmental Science Program (ENSP) Transfer Plan DMACC AA degree leading to Drake BS Degree Environmental Science, Life Science Track

Drake’s ENSP faculty and Melanie H. Sadeghpour, DMACC’s biology program representative, have developed this two-year transfer plan that prepares DMACC students to transfer into the Life Science track for Drake’s Bachelor of Science Environmental Science degree.

The semester by semester course outline below illustrates a two-year plan for a first-year student who does not have previous college experience or credits. Courses are accepted by Drake at their DMACC semester-hour value. Out of a possible 71 total credits earned at DMACC over four semesters, 66 would be accepted for transfer to Drake.

Transfer students who have attempted/earned college credits prior to DMACC should consult Drake’s program advisors, Dr. David Courard-Hauri (271-3812) or Dr. Keith Summerville (271-2265), prior to registration to discuss any potential course duplication and to determine which courses you should transfer in to Drake to insure you can graduate with a bachelor’s degree in 2 years.

* **AOI fulfillment** – students should refer to the Drake Curriculum section on pages 15-18 of the November 2009 DMACC-Drake articulation agreement for further information Drake’s core program requirements and for additional details on DMACC’s course alternatives for the ten Areas of Inquiry (AOI).

FIRST YEAR

Term 1: DMACC Courses

Credits	Course	Title
3	ENV 115	Environmental Science
1	ENV 116	Environmental Science lab
1	ENV 103	Sustainable Living
4	BIO 112	General Biology I
3	BIO 138	Field Ecology
3	ENG 105	Composition I
<u>3</u>	GEO 124	Regional Geog of the
18 hrs		Non-Western World

DRAKE transfer equivalent or elective status for Env Science major and/or AOI* fulfillment

Credits	Course	AOI category
3	ENSP 035	LIFE
1	ENSP 036	LIFE
1	Elective	---
4	BIO 012	LIFE
3	BIO 118	LIFE
3	ENG 001	WRIT
3	Elective	MULTI

Term 2: DMACC Courses

Credits	Course	Title
4	ENV 145	Conservation Biology
4	BIO 113	General Biology II
3	ENG 106	Composition II
3	SPC 101	Fund of Oral Communication
<u>3</u>	ART 101	Art Appreciation
17 hrs		

DRAKE transfer equivalent or elective status for Env Science major and/or AOI* fulfillment

Credits	Course	AOI category
4	ENSP 125	---
4	BIO 013	LIFE
3	ENG 0--	LIFE
3	SCSR 073	CRIT
3	ART 074	ARTS

SECOND YEAR

Term 3: DMACC Courses

Credits	Course	Title
4	CHM 165	Gen Inorganic Chemistry I
4	MAT 157	Statistics
4	HIS 112	West Civ. Ancient to Early Modern
3	POL 111	American National Government
<u>4</u>	BIO 295	General Ecology & lab
19 hrs		

DRAKE transfer equivalent or elective status for Env Science major and/or AOI* fulfillment

Credits	Course	AOI category
4	CHEM 001, 003	PHSC
4	STAT 071	QUAN
4	HIST 0--	HIST or Hi-B
3	POLS 001	---
4	BIO 117, 118	---

Term 4: DMACC Courses

Credits	Course	Title
4	CHM 175	Gen Inorganic Chemistry II
4	HIS 113	West Civ. Early Modern to Present
3	PHI 105	Intro. to Ethics
3	ENV160	Restoring Plant Communities
3	BIO 145	Ecology of Iowa

17 hrs

DRAKE transfer equivalent or elective status for Env Science major and/or AOI* fulfillment

Credits	Course	AOI category
4	CHEM 002, 004	---
4	HIST 0--	HIST or Hi-B
3	PHIL 091	VE
3	ENSP 101	---
3	BIO 110	---

Program summary:

Total Credits over 4 semesters: 71 total, of which 66 are accepted by Drake.

Drake Curriculum AOI's completed either by DMACC courses or by Drake by Drake Environmental Science major courses.

Written Communication – completed with English 105

Historical Consciousness – completed with History 112 and 113 Western Civilization I and II

Life Science – completed with BIO 122 General Biology

Physical Science – completed with Chemistry 145

International/Multicultural - completed with GEO 124 Regional Geography

Quantitative – completed with MAT 157 Statistics

Artistic Experience – completed with Art Elective, Spring, first year

Critical Thinking – completed with SPS 101 Fundamentals of Oral Communication

Engaged Citizen – for a student transferring 60+ credits, POLS 001 will count for the Engaged Citizen

Information Literacy – will complete with ENSP 065

Values and Ethics – completed with PHI 105 Intro to Ethics

Courses Completed for Environmental Science major:

BIO12/13 – Introduction to Biology sequence

CHEM1/2 – Introduction to Chemistry sequence

ENSP35/36 – One Earth, Introduction to Environmental Science

BIO117/118 – Ecology and Field Ecology

ENSP125 – Conservation Biology

BIO110 – Iowa Natural History

STAT60 – Statistics

ENSP101 – Restoration Ecology

Credits awarded at 100-level for bachelors degree: 13 of 45 completed prior to fulltime enrollment at Drake;

Drake University Courses**Term 5: Drake Courses**

Credits	Acronym	Title
4	ENSP 41	Geology + Lab
3	ENSP 65	Introduction to GIS
4	BIO 167	Population Ecology
4	ENSP 104	Understanding Evolution
3	ENSP 141	Environmental Geology

Term 6: Drake Courses

Credits	Course	AOI category
3	ENSP 165	Advanced GIS
3	ENSP 135	Global Climate Change
3	BIO 152	Field Botany
2	BIO 024	Field Ornithology

Term 7: Drake Courses

Credits	Acronym	Title
3	ENSP 115	Field Entomology
3	ENSP 157	Environmental Justice
3	BIO 105	Introduction to Genetics
4	Engaged Citizen AOI	
4	<i>Elective with lab</i>	
3	<i>Elective</i>	

Term 8: Drake Courses

Credits	Course	AOI category
3	ENSP 191	Senior Capstone
3	ENSP 156	Environmental Politics
4	BIO 156	Vertebrate Biology
3	<i>Elective</i>	
3	<i>Elective</i>	

Courses marked in italics as *Elective* in Terms 7 and 8 could be any course from the Drake Catalog; including courses that would also fulfill a Biology minor at Drake

Total Credits @ Drake: 60

Total Credits DMACC + Drake: 124

Total Credits > 100-level, DMACC+Drake: 45