# COLLEGE OF LIBERAL ARTS AND SCIENCES JLASGEOEN

ULASGEOEN Effective date 08/26/2019 Version number 2198

# GEOGRAPHY

BACHELOR OF ARTS

# ENVIRONMENTAL TRACK

ID NUMBER

#### STUDENT NAME:

#### MAJOR PROGRAM

Core Requirements	Cr	Gr
a. GEG 010 Elements of Physical Geography		
b. GEG 020 Elements of Cultural Geography		
c. GEG 274 Introduction to GIS		
d. GEG 330 Cartography		
e. GEG 375 Research Methods in Geography <sup>1</sup>		
f. GEG 380 Sr. Seminar in Geography <sup>2</sup>		
TOTAL CREDITS 18		

Notes:

1. A statistics course is prerequisite to GEG 375 Research Methods in Geography. Take as MAT 140 or 150, or PSY 200. MAT 105 is prerequisite to MAT 140. PSY 200 requires MAT 17 or higher (excluding MAT 040 and 045) and PSY 011 as prerequisites. Prerequisites may be taken in General Education or as electives.

2. Required courses a through e must be completed prior to enrolling in GEG 380 Senior Seminar in Geography.

3. GEG 394 Internship in Geography requires a 2.5 GPA or better in Geography.

# FREE ELECTIVES

Course	Cr	Gr
a.		
b.		
с.		
d.		
e.		
f.		
g.		
h.		
i.		
j.		
k.		
Ι.		
TOTAL CREDITS 36		

## ENVIRONMENTAL TRACK

Choose Five Courses and GEG 394	Cr	Gr
a. GEG 204 Meteorology and Lab		
b. GEG 210 Environmental Conservation		
c. GEG 212 The Geography of Natural Hazards		
d. GEG 304 Weather Analysis and Lab		
e. GEG 322 Climatology		
f. GEG 323 Global Warming and the Science of Climate Change		
g. GEG 333 Advanced GIS		
g. GEG 341 Environmental Planning		
h. GEG 347 Remote Sensing of the Environment and Lab		
i. GEG 394 Internship in Geography <sup>3</sup> (required)		
TOTAL CREDITS 18		

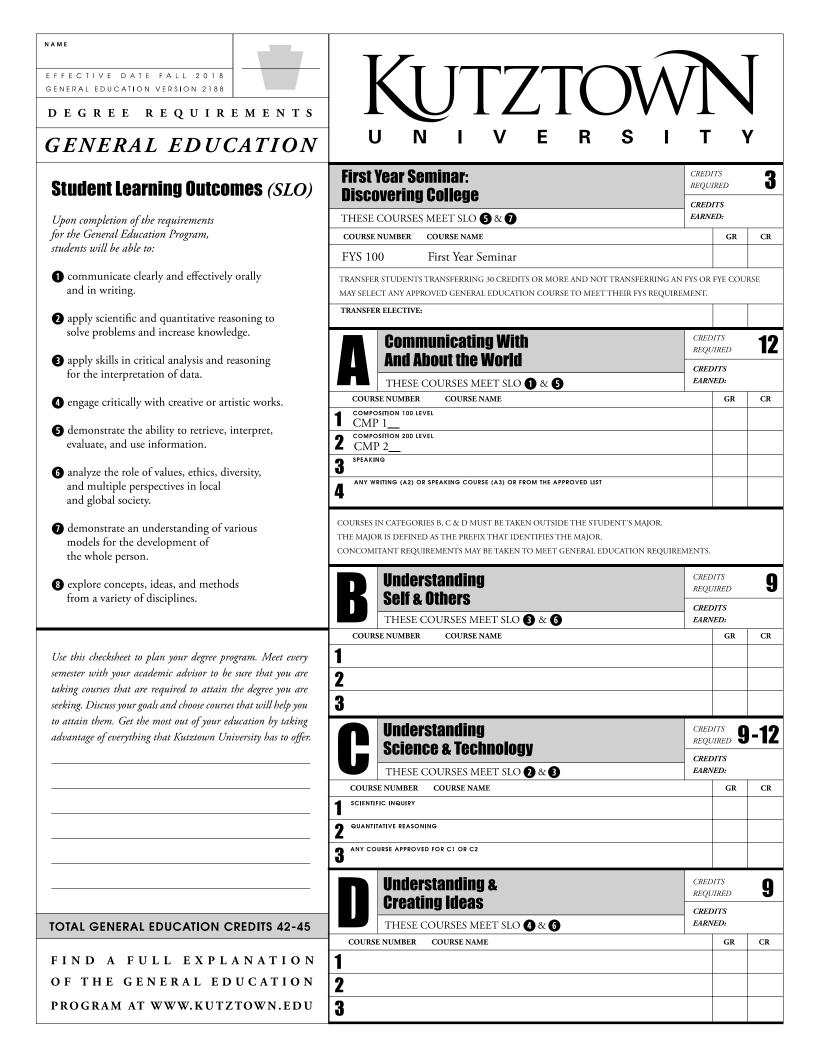
## CATEGORY REQUIREMENTS

One Course From Two of the Following Categories	Cr	Gr
a. CULTURAL or REGIONAL GEOGRAPHY		
GEG 101 World Regional Geography		
GEG 110 The Geography of the United States and Canada		
GEG 112 The Geography of Pennsylvania		
GEG 120 The Geography of Sub-Saharan Africa		
GEG 140 The Geography of Europe		
GEG 210 Environmental Conservation		
GEG 225 Spaces of Globalization		
GEG 338 The Geography of Population		
b. ECONOMIC GEOGRAPHY		
GEG 220 Economic Geography		
GEG 223 Introduction to Transportation Geography		
GEG 310 Urban Geography		
c. TECHNIQUES IN GEOGRAPHY		
GEG 230 Map Reading and Interpretation		
GEG 343 Land Use Planning		
TOTAL CREDITS 6		

Check sheet revised: 10/06/2018



GRADUATION R	EQUIF	R E I	MENTS		
	REQUIRED	~		REQUIRED	✓
GENERAL EDUCATION CREDITS	42-45		SENIOR SEMINAR	PASS	
PROGRAM CREDITS (MINIMUM)	42		MINIMUM QPA OVERALL	2.0	
FREE ELECTIVES CREDITS	36		MINIMUM QPA IN MAJOR	2.0	
TOTAL CREDITS	120				



# Four-Year Program Plan

		FIRST Y	EAR		
	Fall Semester			Spring Semester	
Course	Title	Credits	Course	Title	Credit
CMP 1xx	Composition 1/2	3	CMP 2xx	Composition 2/2	3
YS	First Year Seminar	3	GEG	Category Requirement 1/2	3
GEG 010	Elements of Physical Geography	3	GEG	Track Course 1/5	3
GEG 020	Elements of Cultural Geography	3	010	Free Elective 2/12	3
020 020	Free Elective 1/12	3		Free Elective 3/12	3
Total		15	Total		15
otar		15	10101		10
		SECOND	YEAR		
	Fall Semester	1		Spring Semester	
Course	Title	Credits	Course	Title	Credit
GEG	Track Course 2/5	3	GEG	Track Course 3/5	3
GEG 330	Cartography	3	PSY 011	General Psychology GE B 1/3	3
MAT 017	Intro. to Math (or above) GE C2	3		Speaking Course GE A3	3
	Scientific Inquiry GE C1	3		Free Elective 5/12	3
	Free Elective 4/12	3		Free Elective 6/12	3
Total		15	Total		15
otar		15	10101		15
		THIRD Y	EAR		
-	Fall Semester			Spring Semester	-
Course	Title	Credits	Course	Title	Credit
GEG 274	Introduction to GIS	3	GEG	Track Course 4/5	3
MAT 140/PSY 200	Statistics GE C3	3	GEG	Track Course 5/5	3
	CMP or Speaking Course GE A4	3		Understanding Self & Others GE B 2/3	3
	Understanding Ideas GE D 1/3	3		Understanding Ideas GE D 2/3	3
	Free Elective 7/12	3		Free Electives 8/12	3
Tatal			Total	Fiee Electives 8/12	
Total		15	Total		15
		FOURTH	YEAR		
	Fall Semester			Spring Semester	
Course	Title	Credits	Course	Title	Credit
GEG	Category Requirement 2/2	3	GEG 380	Sr. Seminar in Geography	3
GEG 375	*Research Methods	3	GEG 394	Internship in Geography	3
	Understanding Self & Others GE B 3/3	3		Free Elective 10/12	3
	Understanding Ideas GE D 3/3	3			
				IFree Flective 11/12	3
	Eree Elective 0/12	3		Free Elective 11/12	3
Total	Free Elective 9/12	3 15	Total	Free Elective 11/12 Free Elective 12/12	3
Total	Free Elective 9/12	3 15	Total		
	Education Effective Fall 2018 (2188)	15 Credits	Total		3
		15	Total	Free Elective 12/12 Statistics Requirement:	3
Genera FYS	Education Effective Fall 2018 (2188) First Year Seminar	15 Credits	Total	Free Elective 12/12  Statistics Requirement:  *Statistics is a prerequisite to GEG 375. Take	3
General FYS A	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World	15 Credits 3	Total	Free Elective 12/12  Statistics Requirement:  *Statistics is a prerequisite to GEG 375. Take as: MAT 140 or 150, or POL/PSY/SOC 200.	3
Genera FYS A	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx	15 Credits 3 3	Total	Free Elective 12/12      Statistics Requirement:      *Statistics is a prerequisite to GEG 375. Take     as: MAT 140 or 150, or POL/PSY/SOC 200. MAT 105 is a prerequisite for MAT 140 or MAT	3
Genera FYS A 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx	15 Credits 3 3 3 3	Total	Free Elective 12/12 Statistics Requirement: *Statistics is a prerequisite to GEG 375. Take as: MAT 140 or 150, or POL/PSY/SOC 200. MAT 105 is a prerequisite for MAT 140 or MAT 150. PSY 011 and MAT 017 or higher	3
Genera FYS A 1 2 3	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking	15 Credits 3 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for	3
Genera FYS A 1 2 3	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx	15 Credits 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY	3
Genera FYS A 1 2 3 4	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course	15 Credits 3 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
Genera FYS A 1 2 3 4 B	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others	15 Credits 3 3 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY	3
Genera FYS A 1 2 3 4 B 1	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
Genera FYS A 1 2 3 3 4 5 8 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3	Total Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
Genera FYS A 1 2 3 4 B 1	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3	Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 4 B 1 2 3 3	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3	Total           - <td>Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B</td> <td>3</td>	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 4 B 1 2 3 3 C	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total Total	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 B B 1 2 3 3 4 C 1	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total           - <td>Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B</td> <td>3</td>	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 3 4 B 1 2 3 3 4 5 C 1 2 3 3 2 3 3 2 1 2 2 2 1 2 2 2 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total           - <td>Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B</td> <td>3</td>	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 3 4 B 1 2 3 3 4 5 C 1 2 3 3 2 3 3 2 1 2 2 2 1 2 2 2 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         -	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 3 4 B 1 2 3 3 4 5 C 1 2 3 3 2 3 3 2 1 2 2 2 1 2 2 2 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         Image: I	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 4 B 1 2 3 3 4 5 C 1 2 3 3 3 2 3 3 3 3 2 3 3 3 3 3 3 3 3 3	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning Additional C1 or C2 course Understanding and Creating Ideas	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         -	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 4 B 1 2 3 3 4 5 C 1 2 3 3 C 1 2 3 3 D	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning Additional C1 or C2 course Understanding and Creating Ideas	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         -	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
General FYS A 1 2 3 4 4 B 1 2 3 3 4 5 C 1 2 3 3 C 1 2 3 3 C 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 1 2 3 1 2 1 2	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning Additional C1 or C2 course Understanding and Creating Ideas	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         -	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3
Genera FYS A 1 2 3 4 4 B 1 2 3 3 4 5 C 1 2 3 3 C 1 2 3 3 C 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 1 2 3 3 4 4 5 1 2 3 3 1 2 3 3 3 4 4 5 1 2 3 3 4 4 1 2 3 3 4 4 1 2 3 3 4 4 1 2 3 3 4 4 1 2 3 3 4 4 1 2 3 3 4 4 1 2 3 3 3 4 4 1 2 3 3 4 4 1 2 3 3 3 4 4 1 2 3 3 3 3 3 3 3 3 4 4 5 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Education Effective Fall 2018 (2188) First Year Seminar Communicating With and About the World CMP 1xx CMP 2xx Speaking Additional A2 or A3 or approved course Understanding Self and Others Understanding Science and Technology Scientific Inquiry Quantitative Reasoning Additional C1 or C2 course Understanding and Creating Ideas	15 Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Total         Image: I	Free Elective 12/12         Statistics Requirement:         *Statistics is a prerequisite to GEG 375. Take         as: MAT 140 or 150, or POL/PSY/SOC 200.         MAT 105 is a prerequisite for MAT 140 or MAT         150. PSY 011 and MAT 017 or higher         (excluding 040 and 045) are prerequisites for         PSY 200. If opting for MAT 140 or 150, PSY         011 may be replaced by another GE B	3