

**Iowa State University**  
**College of Liberal Arts and Sciences**  
**2012-2013**  
**Curriculum Report and Catalog Revisions**  
**14 November 2011**

Prepared by  
**LAS Curriculum Committee**

Robert Wallace, Ecology Evolution and Organismal  
Biology, Chair

Linda Quinn Allen, World Languages and Cultures

Veronica Dark, Psychology

Joel Geske, Greenlee School of Journalism and  
Communication

Sergio Lence, Economics

Gordon Miller, Chemistry

Amy Slagell, English

Maximillian Viatori, Anthropology

James Wilson, Mathematics

Jennifer Owens, *ex officio*

Kathleen Timmons, *ex officio*

Zora Zimmerman, *ex officio*

# College of Liberal Arts and Sciences

2012-2013

## I. SIGNIFICANT TRENDS:

From 2011 to 2012, the curricular and catalog changes in the College of Liberal Arts and Sciences have been relatively small in comparison to previous years. Implementation of a one-year catalog cycle and the on-line catalog management system likely have contributed to departments and programs limiting changes needed to those essential in the coming year. Continued budgetary challenges leading to limited new teaching resources, and increased faculty teaching loads, together with increased existing course enrollments have limited the development of new courses being offered through the College.

Two new minors have been proposed and were approved over the last year:

- A **Minor in Sustainability** which involves courses from multiple departments and three colleges will be administered through the College of Liberal Arts and Sciences.
- A **Minor in World Film Studies** developed by the Department of World Languages and Cultures will expand on the department's strength in this area of scholarship, and provide opportunities for students to develop further study in this area.

The LAS curriculum as a whole is the most disciplinarily diverse assemblage of curricula and courses at Iowa State University, and represents many of the core, general education disciplines required by virtually all undergraduate students at the University.

## II. CURRICULA, MAJORS, MINORS ADDED OR DROPPED:

### **Majors Added:**

none

### **Minors Added:**

Minor in Sustainability

Minor in World Film Studies

### **Majors Dropped:**

none

### **Minors Dropped:**

none

### **Certificates Added:**

none

### III. NEW COURSES:

#### **Astronomy**

ASTRO 106: Earth and Space Science for Elementary Education Majors. (2-0) Cr. 2.

ASTRO 106L: Earth and Space Science for Elementary Education Majors - Lab. (0-2) Cr. 1

#### **Chemistry**

CHEM 101: Chemistry Learning Community Orientation. (1-0) Cr. 1.

CHEM 102L: Physical Sciences for Elementary Education. (1-0) Cr. 1.

CHEM 110: Cutting Edge Chemistry: Research and Career Opportunities. (1-0) Cr. 1.

#### **Communication Studies**

COMST 384. Applied Organizational Communication. (3-0) Cr. 3

#### **English**

ENG 351. Scientific Thought and Literacy Imagination. (3-0). Cr. 3

#### **Geology**

GEOL 106. Earth and Space Science for Elementary Education Majors. (2-0) Cr. 2.

GEOL 106L. Earth and Space Science for Elementary Education Majors - Lab. (0-2) Cr. 1

GEOL 111. Geological Disasters. (1-0) Cr. 1.

GEOL 112. Geoscience Orientation. (1-0) Cr. 1.

GEOL 488. GIS for Geoscientists II. (2-2) Cr. 3. Dual-listed with 588 NMGC

#### **Journalism and Mass Communications**

JL MC 560. Risk Perception and Communication. (3-0). Cr. 3.

#### **Meteorology**

MTEOR 112. Geoscience Orientation. (1-0) Cr. 1

MTEOR 595A. Graduate Seminar. (1-0) Cr. 1

MTEOR 595B. Graduate Seminar. (0-0) Cr. R

#### **Physics**

PHYS 102L. Physical Sciences for Elementary Education. (1-0) Cr. 1.

PHYS 115. Physics for the Life Sciences. (4-0) Cr. 4.

PHYS 115L. Laboratory in Physics for the Life Sciences. (0-2) Cr. 1.

#### **Political Science**

POLS 487. Electronic Democracy. (3-0) Cr. 3. (Dual List with 587) NMGC

POLS 544. Comparative Public Policy. (3-0) Cr. 3.

#### **Psychology**

PSYCH 291. Introductory Research Experience. Cr. 1-4.

PSYCH 592C. Developmental. Cr. 1-3 repeatable. NMGC

PSYCH 593A. Attention and Perception. Seminar in Cognitive Psychology. NMGC

PSYCH 593B. Memory. Seminar in Cognitive Psychology. NMGC

PSYCH 593C. Cognitive Neuroscience. Seminar in Cognitive Psychology. NMGC

PSYCH 593D. Judgement and Decision Making. Seminar in Cognitive Psychology. NMGC

PSYCH 593E. Evolution. Seminar in Cognitive Psychology. NMGC

PSYCH 593F. Language. Seminar in Cognitive Psychology. NMGC

PSYCH 593G. Applied. Seminar in Cognitive Psychology. NMGC

PSYCH 593I. Other. Seminar in Cognitive Psychology. NMGC

PSYCH 593J. Seminar in Cognitive Psychology. NMGC

PSYCH 594J. Other. Cr. 1-3.

PSYCH 595A. Social Cognition. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595B. Aggression. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595C. Culture. Seminar in Social Psychology. Cr. 1-3. NMGC  
PSYCH 595D. Attitudes and Attitude Change. Seminar in Social Psychology. Cr. 1-3. NMGC  
PSYCH 595E. Psychology and Law. Seminar in Social Psychology. Cr. 1-3. NMGC  
PSYCH 595F. Other. Seminar in Social Psychology. Cr. 1-3. NMGC  
PSYCH 596A. Supervision. NMGC  
PSYCH 596B. Research. NMGC  
PSYCH 596C. Multicultural. NMGC  
PSYCH 596E. Other. NMGC

#### **World Languages and Cultures**

WLC 250. Cultures in transition. (3-0). Cr. 3. (crosslist with LAS 250)

#### **IV. COURSES DROPPED:**

##### **Communication Studies**

COMST 499 – Professional Internship – Cr. arr

##### **Ecology, Evolution & Organismal Biology**

EEOB 552 Pteridology – Cr. 2

##### **Geology**

GEOL 595R. Graduate Seminar – Attendance. Cr. R

##### **History**

Hist 443 Science Technology and Medicine in Latin America. Cr. 3. NMGC  
Hist 483 Modern Science and Human Nature – Cr. 3 - NMGC

##### **Liberal Arts and Sciences**

LAS 104. (Now Univ. Studies 104)  
LAS 160. Introd. to Race and Ethnicity in America – Cr. 3  
LAS 161. Studies in Race and Ethnicity in America – Cr. 1

##### **Psychology**

PSYCH 581. Applications of Social Psychology Theories – Cr. 3  
PSYCH 592A. Seminar in Psychology – Counseling – Cr. arr.  
PSYCH 592B. Seminar in Psychology – Industrial/Organizational – Cr. arr.  
PSYCH 592M. Seminar in Psychology – Professional Issues and Ethics – Cr. arr.  
PSYCH 592Q. Seminar in Psychology – Cognitive – Cr. arr.  
PSYCH 592R. Seminar in Psychology – Social – Cr. arr.

##### **Statistics**

STAT 493. Workshop in Statistics – Cr. 2 NMGC

## V. NUMBER, CREDIT, AND TITLE CHANGES:

### **Bioinformatics & Computational Biology (undergraduate & graduate)**

BCB 442D – Title to: ‘Microarray Analysis (Module D)’

### **Communication Disorders**

CMDIS 286 Title to: Communicating with the Deaf.

### **Computer Science**

COM S 481. Title to: Numerical Methods for Differential Equations and Interpolation

### **Communication Studies**

COMST 497. Number Change from 499 to 497

### **Economics**

ECON 102H. Title to: “Honors”

ECON 378. Title to: “Retirement Contexts and Planning”

### **Ecology, Evolution, and Organismal Biology**

EEOB 581. Credits to: 3-4

### **English**

ENGL 347. Title to: “Studies in African American Literature”.

ENGL 490B. Title to: “Linguistics, Semantics”

ENGL 590B. Title to: “Teaching English as a Second Language”

### **Geology**

GEOL 595A. Title to: “Graduate Seminar”

GEOL 595B. Title to: “Graduate Seminar”

GEOL 409. Credit Change from Cr. 2 to Cr. 3

GEOL 509. Credit Change from Cr. 2 to Cr. 3

GEOL 595B. Credit Change from Cr. 1 to Cr. R

### **History**

Hist 512A. Title to: “Proseminar in European History, Ancient”

Hist 594A. Title to: “Ancient”

### **Liberal Arts and Sciences**

LAS 290 - Title to: “Special Projects”.

### **Mathematics**

MATH 342. Title to: “Introduction to the Theory of Probability and Statistics II”

### **Music**

MUSIC 114A. Title to: “Marching Band”

MUSIC 114B. Title to: “Pep Band”.

MUSIC 119. Title to: “Applied Music for Majors”.

MUSIC 321J. Title to: “Mixed Instruments/Voice”.

MUSIC 327A. Title to: “Functional Piano for Keyboard Majors”.

MUSIC 327B. Title to: “Functional Piano for Voice Majors”.

MUSIC 358A. Title to: “Choral”.

MUSIC 358B. Title to: “Instrumental”.

MUSIC 362A. Title to: “Choral Conducting Techniques”.

MUSIC 362B. Title to: “Instrumental Conducting Techniques”.

### **Political Science**

POL S 590F. Title to: "Policy Process"

POL S 598. Title to: "Graduate Student Internship"

### **Psychology**

PSYCH 360. Title to: "Personality Psychology".

PSYCH 542. Title to: "Applied Psychological Measurement".

PSYCH 594I. Title to: "Focus Groups".

### **Sociology**

SOC 302. Title to: "Research Methods for the Social Sciences"

## **VIII. SUMMARY OF CHANGES:**

### **VI. COURSES ADDED FOR NONMAJOR GRADUATE CREDIT**

#### **Geology**

GEOL 488. GIS for Geoscientists II. (2-2) Cr. 3. Dual-listed with 588 NMGC

#### **Political Science**

POLS 487. Electronic Democracy. (3-0) Cr. 3. (Dual List with 587) NMGC

#### **Psychology**

PSYCH 592C. Developmental. Cr. 1-3 repeatable. NMGC

PSYCH 593A. Attention and Perception. Seminar in Cognitive Psychology. NMGC

PSYCH 593B. Memory. Seminar in Cognitive Psychology. NMGC

PSYCH 593C. Cognitive Neuroscience. Seminar in Cognitive Psychology. NMGC

PSYCH 593D. Judgement and Decision Making. Seminar in Cognitive Psychology. NMGC

PSYCH 593E. Evolution. Seminar in Cognitive Psychology. NMGC

PSYCH 593F. Language. Seminar in Cognitive Psychology. NMGC

PSYCH 593G. Applied. Seminar in Cognitive Psychology. NMGC

PSYCH 593I. Other. Seminar in Cognitive Psychology. NMGC

PSYCH 593J. Seminar in Cognitive Psychology. NMGC

PSYCH 595A. Social Cognition. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595B. Aggression. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595C. Culture. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595D. Attitudes and Attitude Change. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595E. Psychology and Law. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 595F. Other. Seminar in Social Psychology. Cr. 1-3. NMGC

PSYCH 596A. Supervision. NMGC

PSYCH 596B. Research. NMGC

PSYCH 596C. Multicultural. NMGC

PSYCH 596E. Other. NMGC

### **VII. COURSES DROPPED FOR NONMAJOR GRADUATE CREDIT**

#### **History**

Hist 443 Science Technology and Medicine in Latin America. Cr. 3. NMGC

Hist 483 Modern Science and Human Nature – Cr. 3 - NMGC

#### **Statistics**

STAT 493. Workshop in Statistics – Cr. 2 NMGC

### VIII. SUMMARY OF CHANGES:

*Note: a cross-listed course should be counted only once - with the "primary" department or program. So in Section III New Courses and Section IV Courses Dropped, a cross-listed course should be listed only once.*

<b>Summary of Changes</b>					
<b>Department</b>	<b>New</b>	<b>Dropped</b>	<b>Number</b>	<b>Credit</b>	<b>Title</b>
ADVRT	0	0	0	0	0
AF AM	0	0	0	0	0
AFAS	0	0	0	0	0
AM IN	0	0	0	0	0
ANTHR	0	0	0	0	0
ARABC	0	0	0	0	0
ASTRO	2	0	0	0	0
BBMB	0	0	0	0	0
BCBIO	0	0	0	0	1
BIOL	0	0	0	0	0
BPMI	0	0	0	0	0
CHEM	3	0	0	0	0
CHIN	0	0	0	0	0
CJ ST	0	0	0	0	0
CL ST	0	0	0	0	0
CMDIS	0	0	0	0	1
COM S	0	0	0	0	0
COMST	1	1	1	0	1
CZECH	0	0	0	0	0
ECON	0	0	0	0	2
EEOB	0	1	0	1	0
ENGL	1	0	0	0	3
FRNCH	0	0	0	0	0
GDCB	0	0	0	0	0
GEN & GENET	0	0	0	0	0
GEOL	5	1	0	3	2
GER	0	0	0	0	0
GREEK	0	0	0	0	0
HIST	0	2	0	0	2
JL MC	1	3	0	0	0
LAS	0	0	0	0	1
LATIN	0	0	0	0	0
LING	0	0	0	0	0
M S	0	0	0	0	0
MATH	0	0	0	0	1
MTEOR	3	0	0	0	0
MUSIC	0	0	0	0	10
N S	0	0	0	0	0
PERF	0	0	0	0	0
PHIL	0	0	0	0	0
PHYS	3	0	0	0	0
POL S	2	0	0	0	2
POLSH	0	0	0	0	0
PORT	0	0	0	0	0
PSYCH	22	6	0	0	3
RELIG	0	0	0	0	0
RUS	0	0	0	0	0
SERBC	0	0	0	0	0
SOC	0	0	0	0	1
SP CM	0	0	0	0	0

SPAN	0	0	0	0	0
STAT	0	1	0	0	0
THTRE	0	0	0	0	0
W S	0	0	0	0	0
WLC	2	0	0	0	0
Total College of Liberal Arts and Sciences	45	15	1	4	30

IX. Changes since Proposed Departmental Changes for General Review

Not Applicable under current Catalog Review process.

X. JUSTIFICATION FOR NEW COURSES (see Excel Spreadsheet)



### Summary Table

Department Name	Designator and Course Number	Nonmajor graduate credit		Required in Program		Experimental Offering			Justification for: •courses offered experimentally •not required in a program	
		No	Yes	No	Yes	No	Term	Year		Enroll.
Anthropology	ASTRO 106	X			X					Required for EI.Ed. Curriculum in Earth/Space Sci.
	ASTRO 106L	X			X					Required for EI.Ed. Curriculum in Earth/Space Sci.
Chemistry	CHEM 101	X			X					Required for Chem. Learn. Comm. Orientation
	CHEM 102L	X			X					Required for EI.Ed. Curriculum in Phys. Sciences
	CHEM 110	X		X			Spr	2010	13	
							Spr	2011	28	
Studies	COMST 384	X		X			Spr	2011	43	
English	ENG 351	X		X						NO DATA
Geology	GEOL 106	X			X					Required for EI.Ed. Curriculum in Earth/Space Sci.
	GEOL 106L	X			X					Required for EI.Ed. Curriculum in Earth/Space Sci.
	GEOL 111	X		X			Spr	2011	58	
							Sum	2011	41	
	GEOL 112	X		X			Fall	2009	5	
							Fall	2010	8	
	GEOL 488		X		X					
Greenlee School	JL MC 560	X		X			Fall	2008	7	
							Fall	2009	7	
							Fall	2010	11	
Meteorology	MTEOR 112	X			X		Fall	2009	31	
					X		Fall	2010	45	
	MTEOR 595A	X			X					Reorganizes Graduate Seminar
	MTEOR 595B	X			X					Reorganizes Graduate Seminar
Physics & Astronomy	Phys 102L	X			X					Required for EI.Ed. Curriculum in Phys. Sciences
	Phys 115	X			X					Required for Biology program supporting course
	Phys 115L	X			X					Required for Biology program supporting course
Political Science	Pol S 487		X	X						Reinstated from previous offering (dropped from cat.)
	Pol S 544	X		X						NO DATA
Psychology	Psych 291	X		X						Provides for 200-level research experience
	Psych 592C	X	[X]*	X						Reorganizes 'Seminar in Psychology'
	Psych 593A	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593B	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593C	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'

	Psych 593D	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593E	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593F	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593G	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 593I	X	[X]*	X						Reorganizes 'Seminar in Cognitive Psychology'
	Psych 594J	X	[X]*	X						Reorganizes 'Quantitative Behavioral Methods'
	Psych 595A	X	[X]*	X						Reorganizes 'Seminar in Social Psychology'
	Psych 595B	X	[X]*	X						Reorganizes 'Seminar in Social Psychology'
	Psych 595C	X	[X]*	X						Reorganizes 'Seminar in Social Psychology'
	Psych 595D	X	[X]*	X						Reorganizes 'Seminar in Social Psychology'
	Psych 595E	X	[X]*	X						Reorganizes 'Seminar in Social Psychology'
	Psych 596A	X	[X]*	X						Reorganizes 'Seminar in Psychology'
	Psych 596B	X	[X]*	X						Reorganizes 'Seminar in Psychology'
	Psych 596C	X	[X]*	X						Reorganizes 'Seminar in Psychology'
	Psych 596E	X	[X]*	X						Reorganizes 'Seminar in Psychology'
WLC 250	WLC 250	X		X						Transferred to WLC from LAS 250
										*NMGC for these 500-level courses listed in error