PART I – NEW ACADEMIC PROGRAMS AND PROGRAM CHANGES

COLLEGE OF SOCIAL SCIENCE

1. Request to change the requirements for the Bachelor of Arts and Bachelor of Science degree in Interdisciplinary Studies in Social Science in the College of Social Science.

   a. Under the heading Requirements for the Bachelor of Arts or Bachelor of Science Degree in Interdisciplinary Studies in Social Science make the following changes:

      (1) In item 6., under the Community Governance and Advocacy concentration make the following changes:

          (a) Under Criminal Justice add the following course:

              CJ 355 Juvenile Justice 3

          (b) Under Human Development and Family Studies delete the following course:

              HDFS 405 Work and Family 3

      (2) In item 6., delete the Human Capital and Society concentration.

          NOTE: No new students are to be admitted to the Human Capital and Society concentration effective Fall 2017. No students are to be readmitted to the concentration effective Fall 2017. Effective Fall 2019, coding for the Human Capital and Society concentration will be discontinued and the concentration will no longer be available. Students who have not met the requirements for the concentration prior to Fall 2019 will have to change their concentration.

      (3) In item 7., under the Anthropology Cognate make the following changes:

          (a) In item d. delete the following courses:

              ANP 416 Anthropology of Southern Africa 3
              ANP 453 Mesoamerican Archaeology 3

      (4) In item 7., under the Business Emphasis delete the following course:

              ACC 202 Principles of Management Accounting 3

Effective Fall 2017.
PART II - NEW COURSES AND CHANGES

COLLEGE OF SOCIAL SCIENCE

GEO 302  Climates of the World
Fall of odd years. 3(3-0) RB: GEO 206 or GEO 203 R: Not open to freshmen.

NEW
Regional climates of the world and underlying general atmospheric circulation patterns.
Climate classification, physical climatic processes, spatial and temporal aspects of
climate, climate changes. Sources and use of climate data.
Effective Fall 2017

GEO 303  Severe and Hazardous Weather
Spring of even years. 3(3-0) P: GEO 203 or approval of department RB: GEO 203

NEW
Basic understanding and scientifically accurate discussion of all types of severe and
hazardous weather. Including extratropical cyclones, freezing precipitation and ice
storms, lake effect snowstorms, cold waves, blizzards, thunderstorms, tornadoes,
downbursts, tropical cyclones, floods, drought, and heat waves.
Effective Spring 2018

GEO 403  Dynamic Meteorology (W)
Spring of every year. Spring of odd years. 3(3-0) P: (MTH 234 and GEO 203) and completion of
Tier I writing requirement RB: GEO 405 R: Open to juniors or seniors or master’s students or
doctoral students.
Principles of fluid dynamics and their application to the atmosphere.
Effective Fall 2017 Effective Spring 2019

GEO 405  Weather Analysis and Forecasting
Spring of every year. Spring of even years. 4(3-2) P: GEO 203 and (MTH 110 or MTH 116)
Dynamic and thermodynamic principles of atmospheric science applied to the
development and evolution of extratropical cyclones. Laboratory sessions include analysis
of current observations and satellite imagery.
Effective Fall 2017 Effective Spring 2018

GEO 432  Environmental Ethics (W)
Fall of every year. Fall of even years. 3(3-0) P: Completion of Tier I writing requirement. R: Not
open to freshmen or sophomores.
Ethical dimensions of environmental and spatial issues and associated public policies
Effective Fall 2017

GEO 820  GIS and Management
Fall of odd years. 3(3-0) P: GEO 425 or approval of department RB: Students should be familiar
with GIS Technology
Exploration of the professional field of geographic information science (GIS) career
management opportunities, organizational structures, and applications within the public,
commercial and academic sectors.
DELETE COURSE
Effective Spring 2017

GEO 821  GIS Practicum
Spring of even years. 3(3-0) P: (GEO 425 or approval of department) and (GEO 820 or approval of
department) RB: Students should be knowledgeable in the application of GIS technology
Instructor-guided geographic information science (GIS) practicum connecting University
faculty and students with local communities. Students are assigned a community GIS
project and work collaboratively to develop a proposal, manage the project, and present
the output.
DELETE COURSE
Effective Spring 2017
GEO 868  Spatial Regression and Modeling  
Fall of every year. 3(3-0)  P: GEO 865 or approval of department  
RB: Linear regression and data analysis at graduate level  
SA: GEO 867  
Using spatial regression to address geographic problems.  
Modeling spatial processes with continuous and discrete dependent variables. 
Maximum likelihood estimation.  
Bayesian approaches.  
DETERMINE COURSE  
Effective Spring 2017

SSC 299  Integration of Social Science Perspectives  
Fall of every year. Spring of every year. Summer of every year. 1(1-0)  P:  
(ANP 201 or EC 201 or GEO 204 or HST 110 or PLS 200 or PSY 101 or SOC 100) and (ANP 201 or EC 201 or GEO 204 or HST 110 or PLS 200 or PSY 101 or SOC 100)  
RB: Recommended background: two or more prerequisite courses in different disciplines.  
R: Open to undergraduate students in the Interdisciplinary Studies in Social Science major or in the Global and International Studies in Social Science Major or in the Interdisciplinary Studies in Social Science Major or in the Interdisciplinary Studies in Social Science Major.  
Multidisciplinary study.  Integration of social science perspectives and policy issues.  
Request the use of the Pass-No Grade (P-N) system.  
Effective Fall 2014 Effective Summer 2017

SSC 499  Capstone in Interdisciplinary Studies in Social Science (W)  
Fall of every year. Spring of every year. Summer of every year. 3(3-0)  P:  
(SSC 299) and completion of Tier I writing requirement  
R: Open to seniors in the Interdisciplinary Studies in Social Science Major or approval of college.  
R: Open to seniors in the Interdisciplinary Studies in Social Science Major or in the Global and International Studies in Social Science Major or in the Global and International Studies in Social Science Major or approval of college.  
Integration and application of interdisciplinary methods, models and theories in social science.  
Effective Fall 2014 Effective Summer 2017

SOC 214  Social Stratification Social Inequality  
Spring of every year. 3(3-0)  
Theories of structural social inequality.  
Formation and change of social classes and class structures.  
Socioeconomic classes in modern societies.  
Consequences of social stratification.  
Current stratification trends.  
Theories of structural social inequality. 
Formation and change of inequalities based on social classes and class structures, 
gender, race.  
Inequalities and their interactions in modern societies.  
Consequences of inequalities.  
Current inequality trends.  
Effective Spring 2014 Effective Fall 2017

SOC 252  Introduction to Environmental Sociology  
Fall of every year. Spring of every year. 3(3-0)  
Key concepts, theories, methods, and findings in environmental sociology.  
Effective Fall 2016

SOC 281  Methods of Social Research I Social Research Methods  
Fall of every year. 4(3-2)  
Survey Methods.  
Design and execution of research on social behavior and institutions.  
Data collection, structure, and quality.  
Descriptive analysis.  
Presentation of conclusions.  
Survey Methods.  
Design and execution of research on social behavior and institutions. 
Data collection, structure, and quality.  
Descriptive analysis.  
Presentation of conclusions.  
Effective Spring 2014 Effective Fall 2016
SOC 282  **Methods of Social Research II**  
Quantitative Analysis for Social Research  
Spring of every year. 4(3-2) P: SOC 281  
Experiments. Selected quantitative techniques of data analysis. Experiments. Selected  
quantitative techniques of data analysis including regression and analysis of variance.  
Effective Spring 2014  Effective Fall 2016

SOC 368  Science, Technology and Society  
Fall of every year. 3(3-0) 4(4-0) Interdepartmental with Lyman Briggs. RB: (LB 133) or some  
familiarity with basic concepts and methods in sociology. R: Not open to freshmen or sophomores.  
Role of science and technology in social change. Values and ethics in contemporary  
perspectives, controversies, and cases. Science and technology as forms of knowledge.  
Effective Spring 2014  Effective Spring 2017

SOC 452  **Environment and Society**  
Advanced Seminar in Environmental Sociology  
Fall of every year. Spring of every year. 3(3-0) A student may earn a maximum of 6 credits in all  
enrollments for this course. P: SOC 252 or approval of department R: Not open to freshmen.  
Environmental conditions and social organization. Relation to resources, pollution, energy,  
and risks. Growth and limits to growth. Environmental attitudes, actions, movements, and  
regulation. Environmental conditions and social organization. Social relations and  
connection to resource use, pollution, energy, and risks. Growth and limits to growth.  
Environmental attitudes, actions, movements, and regulation.  
Effective Spring 2014  Effective Spring 2017

SOC 478  Climate Change and Society  
Fall of every year. Spring of every year. 3(3-0) P: Completion of Tier I Writing Requirement  
NEW  Climate change as a societal challenge. The nature of climate change, its role in human  
history, and vulnerabilities of coupled human and natural systems to climate change.  
Effective Fall 2017

SOC 480  **Advanced Research Methods in Sociology**  
Spring of every year. 3(3-0) P: SOC 281 or approval of department RB: SOC 282 or concurrently  
R: Open to sophomores or juniors or seniors.  
NEW  Advanced training in methodologies commonly used in specific sub-fields of sociology.  
Effective Fall 2017