Bachelor of Science Requirement in Science, Math and Technology

Students with a B.S. degree must have one additional science, math, statistics, and/or technology course (beyond general education requirements) which must meet three criteria:

- Courses must be 3 semester hours or greater
- Courses must list specific prerequisites from inner core courses in math and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category
- Course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites

Choose from the list below:

AGR 157 Soil Science
AGR 203 Agriculture and the Environment
AGR 271 Foods of Animal Origin
AGR 282 Physiology of Farm Animals
AGR 315 Financial Management and Analysis of the Agribusiness Firm
AGR 363 Agricultural Statistics
BSC 145 Human Biology
BSC 160 Microbiology and Society
BSC 170 Genetics and Society
BSC 201 Ecology
BSC 202 Human Ecology
BSC 211 Economic Botany
BSC 219 Genetics
BSC 222 Plant Diversity
BSC 223 Ecology and Identification of Plants
BSC 292 Invertebrate Zoology
BSC 295 Comparative Vertebrate Anatomy
CHE 141 General Chemistry II
CHE 204 Chemistry of Life
CHE 220 Elementary Organic Chemistry
CHE 230/231 Organic Chemistry I
CHE 280 Environmental Chemistry
ECO 138 Economic Reasoning Using Statistics
ECO 238 Using Regression & Econometric
FIL 240 Business Finance
GEO 138 Quantitative Reasoning in the Geosciences
GEO 202 Evolutions of the Earth
GEO 207 Natural Disasters
GEO 211 Earth's Dynamic Weather
GEO 280 Mineralogy
HSC 201 Pathophysiology I
ITK 115 Reasoning about Complex Systems
ITK 165 Computer Programming for Scientists
KNR 282 Biomechanics of Human Movement
MAT 121 Applied Calculus
MAT 146 Calculus II
MAT 147 Calculus III
MAT 160 Elementary Discrete Mathematics
MAT 175 Elementary Linear Algebra
MQM 100 Statistical Reasoning
MQM 227 Operations Management
PHI 112 Language, Logic, and Mathematics
PHY 109 College Physics II
PHY 111 Physics for Scientists and Engineers II
PHY 117 Numerical Reasoning in Nature and Technology
PHY 205 Origin of the Universe
PHY 206 Chaos and Complexity
PHY 207 Energy and Society
POL 138 Quantitative Reasoning in Political Science
PSY 138 Reasoning in Psychology Using Statistics
PSY 340 Statistics for the Social Sciences
SOC 275 Social Statistics
TEC 111 Fundamentals of Power Technology
TEC 143 Introduction to Electronics for Data Communication
TEC 313 Quality Systems for Technology

~See other side for Global Studies Requirements~
GLOBAL STUDIES GRADUATION REQUIREMENTS

Students must have completed at least one course in Global Studies (cultures and traditions of Asia, the Middle East, Africa, Latin America or Indigenous Peoples of the world), which must meet the following criteria:

✓ The course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course must deal directly with the culture(s) from these regions).
✓ Exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between culture(s) under consideration and American cultures and traditions.
✓ The course includes exposure to primary writings and artifacts from the culture(s).

The following courses meet the Global Studies graduation requirement:

- ANT 185  CULTURES OF THE WORLD*  
- ANT 270  CROSS CULTURAL PERSPECTIVE OF WOMEN, SEX ROLES, AND GENDER  
- ANT 283  NORTH AMERICAN ARCHAEOLOGY  
- ART 140  INTRODUCTION TO THE ARTS OF THE AMERICANS, AFRICA, AND THE SOUTH PACIFIC  
- ART 275  WORLD ARTS: VISUAL ARTS*  
- CJS 369  WORLD CRIMINAL JUSTICE SYSTEMS  
- ENG/LAN 206  CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA, AND AFRICA  
- GEO 135  WORLD GEOGRAPHY*  
- GEO 140  HUMAN GEOGRAPHY  
- GEO 235  GEOGRAPHY OF EMERGING AREAS*  
- HIS 104  HISTORY OF ASIA, MIDDLE EAST, AFRICA, LATIN AMERICA, OR INDIGENOUS PEOPLE*  
- HIS 263  MODERN MEXICO  
- HIS 265  AFRICAN CIVILIZATION  
- HIS 266  MODERN AFRICA  
- HIS 275  HISTORY OF JAPANESE CIVILIZATION  
- IDS 203  NATIONS AND NARRATIONS*  
- LAN 244.15  CULTURA HISPANOAMERICANA  
- MUS 153  BLACK MUSIC I*  
- MUS 154  BLACK MUSIC II*  
- MUS 275  WORLD ARTS: MUSIC*  
- PHI 207  INDIAN PHILOSOPHY  
- PHI 208  BUDDHIST PHILOSOPHY  
- POL 140  INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA*  
- POL 151  INTRODUCTION TO INTERNATIONAL RELATIONS  
- POL 240  LATIN AMERICAN POLITICS  
- POL 245  ASIAN POLITICS  
- POL 246  AFRICAN POLITICS  
- POL 247  MIDDLE EAST POLITICS  
- POL 345  TOPICS IN ASIAN POLITICS  
- POL 349  TOPICS IN MIDDLE EAST POLITICS  
- THE 275.01  WORLD ARTS: THEATRE*  
- THE 275.02  WORLD ARTS: FILM*  

*Global studies courses approved for outer core

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