ART HISTORY
ARTS 104 Digital Approaches to Fine Art
ARTS 105 Design Principles
ARTS 120 Drawing I
ARTS 216 Animation
ARTS 223 Ceramics I
ARTS 231 Sculpture I
ARTS 241 Photography I
ARTS 311 Ceramics II
ARTS 331 Sculpture II
ARTS 342 Painting II
ARTS 381 Special Topics in Studio Art
ARTS 454 Approaches to Video Art
ARTS 475 Senior Thesis Seminar

STUDIO ART
ARTH 114 History of Western Art I
ARTH 115 History of Western Art II
ARTH 118 History of Asian Art
ARTH 224 Arts of Korea and Japan
ARTH 303 Methods of Art History
ARTH 317 Art Museum Studies
ARTH 326 Romanesque and Gothic Art
ARTH 341 Italian and Spanish Baroque Art
ARTH 351 Post-Impressionism to Abstract Expressionism
ARTH 357 Contemporary Chinese Art
ARTH 470 Seminar in Art History

BIOLOGY
BIOL 126 Phage Hunters II
BIOL 127 Human Biology
BIOL 128 Topics in Biology
BIOL 132 Organism Function and Diversity
BIOL 203 Science in Perspective
BIOL 210 Ecology and Evolution
BIOL 231 Biology of Plants (Botany)
BIOL 251 History of Biology
BIOL 260 Biostatistics and Research Proposal Writing (The Research Process)
BIOL 302 Developmental Biology
BIOL 321 Invertebrate Zoology
BIOL 341 General Genetics
BIOL 371 Microbiology
BIOL 372 Parasitology
BIOL 385 Human Physiology
BIOL 391 Immunology
BIOL 410 Neurobiology
BIOL 424 Tropical Ecology
BIOL 426 Biology of Fishes
BIOL 427 Ornithology
BIOL 442 Evolution
BIOL 451 Seminar
BIOL 472 Research-Intensive Topics in Biology

BLST
BLST 101 Portfolio Development
BLST 312 Professional Communication

CHEMISTRY
CHEM 106 Chemistry & Society II w/ lab
CHEM 107 Societal Chemistry
CHEM 111 General Chemistry I w/lab
CHEM 112 General Chemistry II w/ lab
CHEM 212 Organic Chemistry II w/ lab
CHEM 254 Chemical Analysis II w/ lab
CHEM 318 Biochemistry II
CHEM 320 Biochemistry Lab II
CHEM 331 Environmental Chemistry
CHEM 343 Inorganic Chemistry
CHEM 345 Inorganic Chemistry Lab
CHEM 384 Physical Chemistry II
CHEM 388 Physical Chemistry Lab II
CHEM 453 Seminar

CLASSICS, PHILOSOPHY, and RELIGION
CLAS 103 Greek Civilization
CLAS 305 Egyptian and Near Eastern Art and Archaeology
CLAS 485 Research in Classics
GREK 102 Introductory Greek
GREK 202 Intermediate Greek
LATN 102 Elementary Latin
LATN 202 Intermediate Latin
LATN 355 Roman Historical Writing
LATN 358 Ovid
CPRD 104 Meditation and Contemplative Practice
PHIL 101 Intro to Philosophy
PHIL 110 Intro to Law and Legal Writing
PHIL 151 Introductory Logic
PHIL 202 Early Modern Philosophy
PHIL 220 Intro to Feminism
PHIL 225 Practical Ethics
PHIL 226 Medical Ethics
PHIL 244 Philosophy of Science
PHIL 302 Medieval Philosophy
PHIL 307 Philosophy of Language
PHIL 485 Research in Philosophy
RELG 101 Intro to World Religions
RELG 103 The Abrahamic Religions
RELG 206 Christian Beginnings
RELG 231 Bodies and Medicine in Early Christianity
RELG 231 Roman Catholicism
RELG 278 Religion in US after 1865
RELG 284 Buddhism
RELG 302 Virgins, Monks, and Hermits
RELG 310 Women and Sexuality in the Western Religious Tradition
RELG 400 Guided Research
IDIS 350 CC Zen and the art of Enlightenment (study abroad)

COMPUTER SCIENCE
CPSC 106 Digital Storytelling
CPSC 110 Intro to Computer Science
CPSC 219 Foundations for Data Science
CPSC 220 Comp Progr & Problem Solving
CPSC 225 Software Development Tools
CPSC 240 Obj-Oriented Analysis & Design
CPSC 284 Applied Discrete Mathematics
CPSC 305 Comp Sys & Architecture
CPSC 326 Theoretical Foundation of Comp
CPSC 340 Data Structures and Algorithms
CPSC 350 Applications of Databases
CPSC 370 Special Topics in Computer Science
CPSC 405 Operating Sys & Programming
CPSC 414 Network Principles & Application
CPSC 419 Data Mining
CPSC 430 Software Engineering
CPSC 435 Advanced Computer Security
CPSC 470 Special Topics in Computer Science
DATA 101 Introduction to Data Science
DATA 219 Foundations for Data Science
DATA 370 Special Topics in Data Science

ECONOMICS
ECON 201 Principles of Macroeconomics
ECON 202 Principles of Macroeconomics
ECON 300 Introduction to Economic Analysis
ECON 303 Microeconomics
ECON 304 Macroeconomics
ECON 331 Environmental and Resource Economics
ECON 351 Poverty, Affluence, and Equality
ECON 352 Labor Economics
ECON 361 Econometrics
ECON 374 History of Economic Thought
ECON 382 International Trade
ECON 384 Economic Development
ECON 386 International Finance
ECON 405 Contemporary Economic Issues  
ECON 428 Multinational Corporations  
ECON 462 Advanced Economic Analysis  
ECON 490D Social Good Lab

**ENGLISH, LINGUISTICS, and COMMUNICATION**  
COMM 205 Public Speaking  
COMM 200 Small-Group Communication  
COMM 209 Argumentation  
COMM 341 Communication Research Methods  
COMM 460 Seminar in Digital Rhetoric  
COMM 481 Policy Debate Practicum  
COMM 482 Public Debate Practicum  
COMM 483 Communication Consulting Practicum  
DGST 101 Intro to Digital Studies  
DGST 201 Tinkering, Hacking, and Making  
ENGL 200 Newsgathering  
ENGL 202 Writing Seminar  
ENGL 205 Art of Literature  
ENGL 206A Global Issues in Literature  
ENGL 245 Intro Film Studies  
ENGL 251 Issues in Literature  
ENGL 295 Meth of Adv Literary Studies  
ENGL 300 Principles of News Writing  
ENGL 302A Intro to Creative Writing  
ENGL 304A Creative Writing: Poetry  
ENGL 307 Writing Studies  
ENGL 308 Writing Studies and Healing  
ENGL 312 Creative Writing: Nonfiction  
ENGL 314 Literary Journal  
ENGL 380 Practicum Journalism  
ENGL 399 Community Service Learning  
ENGL 400-level literature seminars  
ENGL 470A Sem: Creative Writing Poetry  
ENGL 470C Sem: Creative Writing Nonfiction  
LING 101B Intro to Linguistics  
LING 300-level courses  
LING 400-level seminar

**EARTH & ENVIRONMENTAL SCIENCE**  
EESC 112 Evolution of the Earth  
EESC 120 Introduction to Environmental Science II  
EESC 205 Paleontology  
EESC 210 Oceanography  
EESC 211 Oceanography Laboratory  
EESC 221 Environmental Geology  
EESC 302 Petrology  
EESC 307 Environmental Soil Science
EESC 311 Sedimentation and Stratigraphy (WI)
EESC 315 Hydrogeology
EESC 325 Environmental Geochemistry
EESC 335 Plate Tectonics
EESC 340 Energy Resources and Technology
EESC 360C Environmental Exploration (South Africa)
EESC 421 Aquaculture (new special topics - should be SI)
EESC 460 Environmental Science Seminar (SI)

GEOGRAPHY
GEOG 101 World Regional Geography
GEOG 102 Introduction to Human Geography
GEOG 111 Landform Processes
GEOG 200D Geographic Thinking
GEOG 222 Geography of Western North America
GEOG 237 Cities
GEOG 241 Biogeography
GEOG 250 Intro to GIS & Cartography
GEOG 304 Geog of the Middle East
GEOG 325 Dynamic Climatology
GEOG 331 Race and Place in America
GEOG 338 Geopolitics
GEOG 340B Remote Sensing
GEOG 351 Spatial Analysis
GEOG 360E Grassroots Development in Guatemala
GISC 200 Intro to GIS
GISC 351 Spatial Analysis
GISC 450 GIS Programming
MSGA 540 Spatial Stats and Modeling
MSGA 571 Applications in Geospatial Analysis
MSGA 580 Web GIS and Programming
MSGA 555 Programming for GIS

HISTORIC PRESERVATION
HISP 100 Introduction to Historic Preservation
HISP 105 The American Built Environment
HISP 205 Documentation and Field Work
HISP 207 American Archaeology
HISP 209 Planning History and Practice
HISP 305 Historic Building Technologies
HISP 317 Museum Collections Management
HISP 320 Material Culture
HISP 345 Computer Applications in Historic Preservation
HISP 463 Lab: Museum Design & Interpretation
HISP 469 Lab: Preservation Planning

HISTORY AND AMERICAN STUDIES
AMST 201 Introduction to American Studies
AMST 202 Sophomore Special Topics Seminar
AMST 303 Virginia Studies
HIST 121 Western Civilization I
HIST 122 Western Civilization II
HIST 131 American History to 1865
HIST 132 American History since 1865
HIST 142 Asian Civilization II
HIST 297 History Colloquium
HIST 298 History Practicum
HIST 300 ZZ Introduction to Public History
HIST 300 Labor and Migration History
HIST 314 African American History since 1865
HIST 322 U.S. Environmental History
HIST 327 U.S. Women's History since 1870
HIST 336 The Reformation
HIST 339 Modern Middle East History
HIST 349 History of the British Isles
HIST 362 History of Latin America II
HIST 368 Gender in Chinese History
HIST 372 European Diplomatic History II
HIST 375 Military History
HIST 387 Turkey from Empire to Republic
HIST 428 Digital History
HIST 432 Ottoman Legacies
HIST 457 History of Conspiracy Theories
HIST 471F5 History of Childhood

MATHEMATICS
MATH 110 Finite Mathematics with Applications
MATH 111 Precalculus
MATH 115A Introduction to Mathematical Modeling
MATH 120 Quantitative Reasoning for the Sciences
MATH 121 Calculus I
MATH 122 Calculus II
MATH 201 Introduction to Discrete Mathematics
MATH 207 History of Mathematics
MATH 224A Multivariable Calculus
MATH 253 Introduction to Cryptography
MATH 300 Linear Algebra
MATH 312 Differential Equations
MATH 330 Foundations of Advanced Mathematics
MATH 361A Problems in Industry
MATH 372 Modern Geometry
MATH 431 Abstract Algebra
MATH 432 Abstract Algebra
MATH 471 Real Analysis
MATH 472 Real Analysis
MATH 481 Theory of Interest
STAT 180 Introduction to Statistics
STAT 280 Statistical Methods
STAT 320 Applied Regression Analysis
STAT 382 Probability and Statistical Inference

MODERN LANGUAGE AND LITERATURES
ARAB 102 Beginning Arabic
ARAB 202 Intermediate Arabic
ARAB 302 Advanced Arabic
CHIN 102 Beginning Chinese
CHIN 202 Intermediate Chinese
CHIN 302 Advanced Intermediate Chinese
FREN 102 Beginning French
FREN 201 Intermediate French
FREN 202 Intermediate French
FREN 312 Oral Communication and Phonetics
FREN 326 Introduction to Pre-Revolutionary French Literature
FREN 411 Stylistics
FREN 481 Senior Seminar
GERM 102 Beginning German
GERM 202 Intermediate German
GERM 303 Advanced Composition
GERM 313 Business German
GERM 413 Remembering the Holocaust
ITAL 102 Beginning Italian
ITAL 202 Beginning Italian
ITAL 316 Culture and Civilization
SPAN 101 Beginning Spanish
SPAN 102 Beginning Spanish
SPAN 105 Intensive Beginning Spanish
SPAN 201 Intermediate Spanish
SPAN 202 Intermediate Spanish
SPAN 205 Intensive Intermediate Spanish
SPAN 305 Conversation and Grammar
SPAN 306 Composition and Grammar
SPAN 312 Introduction to Literary Studies
SPAN 314 Spanish Pronunciation and Oral Use
SPAN 320 Topics in Hispanic Culture
SPAN 324 Introduction to Spanish Literature
SPAN 393 Business Spanish
SPAN 413 Advanced Writing
SPAN 481 Spanish Seminar

MUSIC
MUED 100 Intro to Music Education
MUHL151 Great Musical Masterworks
MUHL152 Music and Society
MUHL154 Music of Non-Western Cultures
MUHL156 American Music
MUHL376 Music History II
MUHL491 Individual Study in Music History and Literature
MUHL492 Individual Study in Music History and Literature
MUHL499 Internship in Music History and Literature
MUPR201 Class Voice I
MUPR202 Class Voice II
MUPR205 Class Piano I
MUPR206 Class Piano II
MUPR207 Class Piano III
MUPR 214 Class Woodwinds
MUPR216 Class Guitar II
MUPR301 Voice
MUPR401 Voice
MUPR305 Piano
MUPR405 Piano
MUPR309 Harp
MUPR409 Harp
MUPR310 Organ
MUPR410 Organ
MUPR311 Flute
MUPR411 Flute
MUPR312 Oboe
MUPR412 Oboe
MUPR313 Clarinet
MUPR413 Clarinet
MUPR314 Bassoon
MUPR414 Bassoon
MUPR315 Saxophone
MUPR415 Saxophone
MUPR321 French Horn
MUPR421 French Horn
MUPR322 Trumpet
MUPR422 Trumpet
MUPR323 Trombone/Baritone
MUPR423 Trombone/Baritone
MUPR324 Tuba/Euphonium
MUPR424 Tuba/Euphonium
MUPR325 Percussion
MUPR425 Percussion
MUPR331 Violin
MUPR431 Violin
MUPR332 Viola
MUPR432 Viola
MUPR333 Cello
MUPR433 Cello
MUPR334 Contrabass
MUPR434 Contrabass
MUPR335 Guitar
MUPR435 Guitar
MUPR336 Composition
MUPR436 Composition
MUPR254 Chamber Choir
MUPR260 String Ensemble
MUPR261 Guitar Ensemble
MUPR262 Flute Ensemble
MUPR265 Improv. Workshop
MUPR 268 Brass Ensemble
MUPR270 Percussion Ensemble
MUPR275 World Music workshop
MUPR352 UMW Chorus
MUPR350 Fredericksburg Singers
MUPR360 Orchestra
MUPR 362 Concert Band
MUPR 365 Jazz Band
MUPR 347 Choral Conducting
MUPR472 Special Study in Music Performance
MUPR491 Individual Study in Music Performance
MUPR492 Individual Study in Music Performance
MUPR499 Internship in Music Performance
MUSC 473 Special Study in Music
MUSC 490 Music Seminar
MUTC100 Technology for Musicians
MUTC320 Audio Recording
MUTH181 Materials and Sources for Music Theory
MUTH191 Diatonic Music Theory
MUTH192 Diatonic Music Theory Skills
MUTH391 Post-Tonal Music Theory
MUTH392 Post-Tonal Music Theory Skills
MUTH491 Individual Study in Music Theory
MUTH492 Individual Study in Music Theory

NURSING
HSCI 305 The Art and Science of Interdisciplinary Care for Health Professionals
NURS 310 The Role of the Professional Nurse
NURS 320 Holistic Health Assessment for the Professional Nurse
NURS 410 Evidence-Based Nursing Research
NURS 430 Current Nursing Issues and Trends
NURS 440 Community and Population Health
NURS 440 Community and Population Health
NURS 490 Practicum
NURS 490 Practicum
NURS 540 Informatics and Healthcare Technologies
NURS 540 Informatics and Healthcare Technologies
### PHYSICS
- PHYS 102 General Physics I w/ lab
- PHYS 104 Elementary Astronomy
- PHYS 106 University Physics w/ lab
- PHYS 108 General Physics
- PHYS 110 University Physics
- PHYS 201 Thermodynamics & Statistical Mechanics
- PHYS 283 Electronics w/ lab
- PHYS 320 Classical Mechanics w/ lab

### POLITICAL SCIENCE
- PSCI 101 Introduction to Political Science
- PSCI 102 Introduction to International Relations
- PSCI 202 American Public Policy
- PSCI 312 The American Presidency
- PSCI 321 Theories of International Relations
- PSCI 323 Latin American Politics
- PSCI 350 Politics of Developing Countries
- PSCI 351 International Political Economy
- PSCI 355 Politics of the Middle East
- PSCI 356 American Foreign Policy
- PSCI 362 Politics of Central and Eastern Europe
- PSCI 363 Mass Media Politics
- PSCI 387 Security and Conflict Studies
- PSCI 442 History of Political Thought II

### PSYCHOLOGY
- PSYC 100 General Psychology
- PSYC 201 Social Psychology
- PSYC 211 Abnormal Psychology
- PSYC 231 Developmental Psychology: The Infant and Child
- PSYC 233 Developmental Psychology: Aging
- PSYC 242 Personality
- PSYC 253 Fundamentals of Learning and Motivation
- PSYC 261 Introductory Statistics for Psychology
- PSYC 273 Cognitive Psychology
- PSYC 305 Cognitive Neuroscience
- PSYC 315 Foundations of Clinical Psychology
- PSYC 320 Exceptional Children and Youth
- PSYC 339 Health Psychology
- PSYC 346 Forensic Psychology
- PSYC 350 Psychology of Women
- PSYC 360 Advanced Statistics for Psychology
- PSYC 362 Research Methods for Psychology
- PSYC 372 Sensation and Perception
- PSYC 394 Psychopharmacology
- PSYC 411 Research Seminar in Abnormal, Personality or Social Psychology
- PSYC 412 Research Seminar in Biological Psychology
PSYC 413 Research Seminar in Cognition and Learning
PSYC 492 Individual Research
PSYC 499 Internship

**SOCIOLOGY & ANTHROPOLOGY**
ANTH 101 Intro to Social and Cultural Anthropology
ANTH 212 Anthropology of Gender
ANTH 316 Political Anthropology
ANTH 342 Touring Cultures
ANTH 344 Urban Theory & Ethnography
ANTH 365 Environment and Development Narratives
ANTH 371UU Immigration
SOCG 105 Social World
SOCG 155 Social Issues
SOCG 315 Gender and Society
SOCG 304 Social Stratification
SOCG 313 Urban Sociology
SOCG 352 Criminology
SOCG 365 Qualitative Methods
SOCG 472 Contemporary Social Theory

**THEATRE & DANCE**
DANC 122 Ballet
DANC 142 Jazz
THEA 111 Introduction to Theatre
THEA 112 Introduction to Acting
THEA 113 Introduction to Theatre Design
THEA 131 Technical Production
THEA 132 Technical Production
THEA 211 Dramatic Literature
THEA 212 Dramatic Literature
THEA 218 Voice & Body Movement
THEA 270E Broadway Jazz
THEA 271C Costume Crafts
THEA 311 Fashion History
THEA 318 Stage Dialects
THEA 322 Acting
THEA 331 Playwriting
THEA 336 Musical Theatre Performance
THEA 362 Theatre History and Literature
THEA 390 Theatre Practicum
THEA 433 Lighting Design
THEA 435 Ideas in Performance
THEA 481 Resource Strategies in Arts Administration