

Philosophy (BS): Logic, Representation and Reasoning Concentration

To see more about what you will learn in this program, visit the Learning Outcomes website (<https://apps.oirp.ncsu.edu/pgas/>)!

The Department of Philosophy and Religious Studies offers a Bachelor of Arts (B.A.) in Philosophy, and a Bachelor of Science (B.S.) in Philosophy, plus three concentrations. These different programs all cover basic core areas of philosophy that are essential to any good philosophy major, but they also allow students to pursue and showcase different areas of emphasis.

The B.S. in Philosophy with a Concentration in Logic, Representation and Reasoning provides excellent preparation for top graduate programs in Philosophy as well as for professional training in fields as diverse as law, library science, management and medicine. Although the major does not train students for a particular career, it develops skills that are useful for work in any field that requires critical, constructive and independent thinking.

For more information about this program, visit our website (https://philrel.chass.ncsu.edu/philosophy/philosophy_major.php).

Contact Person

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Plan Requirements

Philosophy (BS): Logic, Representation and Reasoning Concentration: 120 Total Units

Code	Title	Hours
Mathematics		
Calculus (p. 1)		3
Math Electives (p. 1)		6
Basic Science		
Basic Science (3 Different) (p.)		12
Science Electives (p. 4)		4
Departmental Requirements		
PHI 301	Early Modern Philosophy ¹	3
Writing in History or Ethics (p. 5) ¹		1
History of Philosophy (p. 5) ¹		3
Ethics (p. 5) ¹		3
LOG 335	Symbolic Logic ¹	3
or MA 335	Symbolic Logic	
Logic, Language & Cognition (p. 5) ¹		3
Additional Logic/Language/Cognition (p. 5) ¹		3
Philosophy of Science (p. 5) ¹		3

PHI 496	Research and Writing in Contemporary Philosophy ¹	1
PHI 497	Research and Writing in Logic, Representation and Reasoning ¹	1
PHI or LOG Electives (p. 5) ¹		6
400-Level PHI/LOG Course (verify requirement) (p. 5) ¹		
Advanced Sciences/Technology Requirements		
Advanced Sciences/Technology Requirements (See Advisor) ²		15
Humanities & Social Sciences		
Acad Writing Research (p. 5) ¹		4
Philosophy		3
Any PHI course on the approved GEP-Humanities list.		
Arts and Letters (p.)		3
History (p. 10)		3
Literature (p. 11)		3
Writing and Communication (p. 11)		3
Social Sciences (3 Different) (p. 7)		9
General Education Program (GEP) Courses		
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		2
GEP Additional Breadth (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/) (Mathematical Sciences/Natural Sciences/Engineering)		3
GEP U.S. Diversity (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-us-diversity/) (verify requirement)		
GEP Global Knowledge (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-global-knowledge/) (verify requirement)		
Foreign Language Proficiency (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/foreign-language-proficiency/) (verify requirement)		
Free Electives		
Free Electives (12 Hr S/U Lmt) ³		17
Total Hours		120

¹ A grade of C- or higher is required.

² Students should consult their academic advisors to determine how to complete this requirement.

³ Students should consult their academic advisors to determine which courses fill this requirement.

Calculus

Code	Title	Hours
MA 121	Elements of Calculus	3
MA 131	Calculus for Life and Management Sciences A	3
MA 141	Calculus I	4
MA 231	Calculus for Life and Management Sciences B	3
MA 241	Calculus II	4
MA 242	Calculus III	4

Math Electives

Code	Title	Hours
BMA 573	Mathematical Modeling of Physical and Biological Processes I	3

BMA 574	Mathematical Modeling of Physical and Biological Processes II	3	MA 430	Mathematical Models in the Physical Sciences	3
BUS 350	Economics and Business Statistics	3	MA 437	Applications of Algebra	3
CSC 416	Introduction to Combinatorics	3	MA 440	Game Theory	3
CSC 428	Introduction to Numerical Analysis II	3	MA 444	Problem Solving Strategies for Competitions	1
CSC 442	Introduction to Data Science	3	MA 450	Methods of Applied Mathematics I	3
CSC 565	Graph Theory	3	MA 451	Methods of Applied Mathematics II	3
CSC 580	Numerical Analysis I	3	MA 491	Reading in Honors Mathematics	1-6
CSC 583	Introduction to Parallel Computing	3	MA 493	Special Topics in Mathematics	1-6
E 531	Dynamic Systems and Multivariable Control I	3	MA 494	Major Paper in Math	1
EC 351	Econometrics I	3	MA 499	Independent Research in Mathematics	1-6
ECG 528	Options and Derivatives Pricing	3	MA 501	Advanced Mathematics for Engineers and Scientists I	3
ECG 561	Applied Econometrics I	3	MA 502	Advanced Mathematics for Engineers and Scientists II	3
EMS 519	Teaching and Learning of Statistical Thinking	3	MA 504	Introduction to Mathematical Programming	3
FIM 528	Options and Derivatives Pricing	3	MA 507	Survey of Real Analysis	3
FIM 548	Monte Carlo Methods for Financial Math	3	MA 509	Survey of Abstract Algebra	3
FIM 549	Financial Risk Analysis	3	MA 510	Selected Topics In Mathematics For Secondary Teachers	1-6
GPH 404	Epidemiology and Statistics in Global Public Health	3	MA 511	Advanced Calculus I	3
ISE 505	Linear Programming	3	MA 512	Advanced Calculus II	3
LOG 335	Symbolic Logic	3	MA 513	Introduction To Complex Variables	3
MA 114	Introduction to Finite Mathematics with Applications	3	MA 515	Analysis I	3
MA 205	Elements of Matrix Computations	3	MA 518	Geometry of Curves and Surfaces	3
MA 225	Foundations of Advanced Mathematics	3	MA 520	Linear Algebra	3
MA 231	Calculus for Life and Management Sciences B	3	MA 521	Abstract Algebra I	3
MA 241	Calculus II	4	MA 522	Computer Algebra	3
MA 242	Calculus III	4	MA 523	Linear Transformations and Matrix Theory	3
MA 302	Numerical Applications to Differential Equations	1	MA 524	Combinatorics I	3
MA 303	Linear Analysis	3	MA 526	Algebraic Geometry	3
MA 305	Introductory Linear Algebra and Matrices	3	MA 528	Options and Derivatives Pricing	3
MA 315	Mathematics Methods in Atmospheric Sciences	4	MA 531	Dynamic Systems and Multivariable Control I	3
MA 325	Introduction to Applied Mathematics	3	MA 532	Ordinary Differential Equations I	3
MA 331	Differential Equations for the Life Sciences	3	MA 534	Introduction To Partial Differential Equations	3
MA 335	Symbolic Logic	3	MA 537	Nonlinear Dynamics and Chaos	3
MA 341	Applied Differential Equations I	3	MA 540	Uncertainty Quantification for Physical and Biological Models	3
MA 351	Introduction to Discrete Mathematical Models	3	MA 544	Computer Experiments In Mathematical Probability	3
MA 401	Applied Differential Equations II	3	MA 546	Probability and Stochastic Processes I	3
MA 402	Mathematics of Scientific Computing	3	MA 547	Financial Mathematics	3
MA 403	Introduction to Modern Algebra	3	MA 548	Monte Carlo Methods for Financial Math	3
MA 405	Introduction to Linear Algebra	3	MA 549	Financial Risk Analysis	3
MA 407	Introduction to Modern Algebra for Mathematics Majors	3	MA 551	Introduction to Topology	3
MA 408	Foundations of Euclidean Geometry	3	MA 561	Set Theory and Foundations Of Mathematics	3
MA 410	Theory of Numbers	3	MA 565	Graph Theory	3
MA 412	Long-Term Actuarial Models	3	MA 573	Mathematical Modeling of Physical and Biological Processes I	3
MA 413	Short-Term Actuarial Models	3	MA 574	Mathematical Modeling of Physical and Biological Processes II	3
MA 416	Introduction to Combinatorics	3	MA 580	Numerical Analysis I	3
MA 421	Introduction to Probability	3	MA 583	Introduction to Parallel Computing	3
MA 425	Mathematical Analysis I	3	MA 584	Numerical Solution of Partial Differential Equations--Finite Difference Methods	3
MA 426	Mathematical Analysis II	3			
MA 427	Introduction to Numerical Analysis I	3			
MA 428	Introduction to Numerical Analysis II	3			

MA 587	Numerical Solution of Partial Differential Equations--Finite Element Method	3	ST 508	Statistics For the Behavioral Sciences II	3
MA 591	Special Topics	1-6	ST 511	Statistical Methods For Researchers I	3
MBA 528	Options and Derivatives Pricing	3	ST 512	Statistical Methods For Researchers II	3
MEA 315	Mathematics Methods in Atmospheric Sciences	4	ST 513	Statistics for Management I	3
OR 504	Introduction to Mathematical Programming	3	ST 514	Statistics For Management and Social Sciences II	3
OR 505	Linear Programming	3	ST 515	Experimental Statistics for Engineers I	3
OR 531	Dynamic Systems and Multivariable Control I	3	ST 516	Experimental Statistics For Engineers II	3
OR 565	Graph Theory	3	ST 517	Applied Statistical Methods I	3
ST 305	Statistical Methods	4	ST 519	Teaching and Learning of Statistical Thinking	3
ST 307	Introduction to Statistical Programming- SAS	1	ST 520	Statistical Principles of Clinical Trials	3
ST 308	Introduction to Statistical Programming - R	1	ST 524	Statistics In Plant Science	3
ST 311	Introduction to Statistics	3	ST 533	Applied Spatial Statistics	3
ST 312	Introduction to Statistics II	3	ST 534	Applied Time Series	3
ST 350	Economics and Business Statistics	3	ST 535	Statistical Methods for Quality and Productivity Improvement	3
ST 370	Probability and Statistics for Engineers	3	ST 537	Applied Multivariate and Longitudinal Data Analysis	3
ST 371	Introduction to Probability and Distribution Theory	3	ST 540	Applied Bayesian Analysis	3
ST 372	Introduction to Statistical Inference and Regression	3	ST 542	Statistical Practice	3
ST 380	Probability and Statistics for the Physical Sciences	3	ST 544	Applied Categorical Data Analysis	3
ST 401	Experiences in Data Analysis	4	ST 555	Statistical Programming I	3
ST 404	Epidemiology and Statistics in Global Public Health	3	ST 556	Statistical Programming II	3
ST 405	Applied Nonparametric Statistics	3	ST 557	Using Technology to Teach Statistics	3
ST 412	Long-Term Actuarial Models	3	ST 558	Data Science for Statisticians	3
ST 413	Short-Term Actuarial Models	3	ST 561	Applied Econometrics I	3
ST 421	Introduction to Mathematical Statistics I	3	ST 562	Data Mining with SAS Enterprise Miner	3
ST 422	Introduction to Mathematical Statistics II	3	ST 563	Introduction to Statistical Learning	3
ST 430	Introduction to Regression Analysis	3	ST 590	Special Topics	1-6
ST 431	Introduction to Experimental Design	3	ST 701	Statistical Theory I	3
ST 432	Introduction to Survey Sampling	3	ST 702	Statistical Theory II	3
ST 433	Applied Spatial Statistics	3	ST 705	Linear Models and Variance Components	3
ST 434	Applied Time Series	3			
ST 435	Statistical Methods for Quality and Productivity Improvement	3			
ST 437	Applied Multivariate and Longitudinal Data Analysis	3			
ST 440	Applied Bayesian Analysis	3			
ST 442	Introduction to Data Science	3			
ST 445	Introduction to Statistical Computing and Data Management	3			
ST 446	Intermediate SAS Programming with Applications	3			
ST 491	Statistics in Practice	3			
ST 495	Special Topics in Statistics	1-6			
ST 497	Professional Experience in Statistics	1-3			
ST 498	Independent Study In Statistics	1-6			
ST 499	Research Experience in Statistics	1-3			
ST 501	Fundamentals of Statistical Inference I	3			
ST 502	Fundamentals of Statistical Inference II	3			
ST 503	Fundamentals of Linear Models and Regression	3			
ST 505	Applied Nonparametric Statistics	3			
ST 506	Sampling Animal Populations	3			
ST 507	Statistics For the Behavioral Sciences I	3			

Basic Sciences

Code	Title	Hours
Biological Sciences (Max: 4 Units)		
BIO 105	Biology in the Modern World	3
BIO 106	Biology in the Modern World Laboratory	1
BIO 140	Survey of Animal Diversity	3
BIO 141	Animal Diversity Laboratory	1
BIO 181	Introductory Biology: Ecology, Evolution, and Biodiversity	4
BIO 183	Introductory Biology: Cellular and Molecular Biology	4
Chemistry (Max: 4 Units)		
CH 101	Chemistry - A Molecular Science	3
CH 102	General Chemistry Laboratory	1
CH 201	Chemistry - A Quantitative Science	3
CH 202	Quantitative Chemistry Laboratory	1
Earth Sciences (Max: 4 Units)		
MEA 100	Earth System Science: Exploring the Connections	4
MEA 101	Geology I: Physical	3
MEA 110	Geology I Laboratory	1
MEA 130	Introduction to Weather and Climate	3

MEA 135	Introduction to Weather and Climate Laboratory	1
MEA 150	Environmental Issues in Water Resources	4
MEA 200	Introduction to Oceanography	3
MEA 202	Geology II: Historical	3
MEA 210	Oceanography Lab	1
MEA 211	Geology II Laboratory	1
Physics (Max: 4 Units)		
PY 123	Stellar and Galactic Astronomy	3
PY 124	Solar System Astronomy	3
PY 125	Astronomy Laboratory	1
PY 131	Conceptual Physics	4
PY 201	University Physics I	4
PY 202	University Physics II	4
PY 203	University Physics III	4
PY 205	Physics for Engineers and Scientists I	3
PY 206	Physics for Engineers and Scientists I Laboratory	1
PY 208	Physics for Engineers and Scientists II	3
PY 209	Physics for Engineers and Scientists II Laboratory	1
PY 211	College Physics I	4
PY 212	College Physics II	4

Science Electives

Code	Title	Hours
BIO 105	Biology in the Modern World	3
BIO 106	Biology in the Modern World Laboratory	1
BIO 140	Survey of Animal Diversity	3
BIO 141	Animal Diversity Laboratory	1
BIO 181	Introductory Biology: Ecology, Evolution, and Biodiversity	4
BIO 183	Introductory Biology: Cellular and Molecular Biology	4
BIO 227	Understanding Structural Diversity through Biological Illustration	3
BIT 100	Current Topics in Biotechnology	4
BIT 210	Phage Hunters	3
BIT 211	Phage Genomics	2
CH 100	Chemistry and Society	4
CH 101	Chemistry - A Molecular Science	3
CH 102	General Chemistry Laboratory	1
CH 103	General Chemistry I for Students in Chemical Sciences	3
CH 104	General Chemistry Laboratory I for Students in Chemical Sciences	1
CH 201	Chemistry - A Quantitative Science	3
CH 202	Quantitative Chemistry Laboratory	1
CH 203	General Chemistry II for Students in Chemical Sciences	3
CH 204	General Chemistry Laboratory II for Students in Chemical Sciences	1
CS 213	Crop Science	3
CS 312	Grassland Management for Natural Resources Conservation	3
ENT 402	Forest Entomology	3

ENT 425	General Entomology	3
FOR 252	Introduction to Forest Science	3
FOR 318	Forest Pathology	3
FOR 339	Dendrology	4
FOR 402	Forest Entomology	3
HS 301	Plant Propagation	4
HS 303	Ornamental Plant Identification I	3
HS 304	Ornamental Plant Identification II	3
MB 210	Phage Hunters	3
MB 211	Phage Genomics	2
MB 351	General Microbiology	3
MEA 100	Earth System Science: Exploring the Connections	4
MEA 101	Geology I: Physical	3
MEA 110	Geology I Laboratory	1
MEA 130	Introduction to Weather and Climate	3
MEA 135	Introduction to Weather and Climate Laboratory	1
MEA 150	Environmental Issues in Water Resources	4
MEA 200	Introduction to Oceanography	3
MEA 202	Geology II: Historical	3
MEA 210	Oceanography Lab	1
MEA 211	Geology II Laboratory	1
NSGE 295	Natural Sciences Special Topics	1-4
NSGK 295	Natural Sciences and Global Knowledge Special Topics	3
PB 200	Plant Life	4
PB 220	Local Flora	3
PB 400	Plant Diversity and Evolution	4
PO 201	Poultry Science and Production	3
PO 201A	Poultry Science and Production	3
PO 202	Poultry Science and Production Laboratory	1
PO 202A	Poultry Science and Production Laboratory	1
PP 318	Forest Pathology	3
PY 123	Stellar and Galactic Astronomy	3
PY 124	Solar System Astronomy	3
PY 125	Astronomy Laboratory	1
PY 131	Conceptual Physics	4
PY 201	University Physics I	4
PY 202	University Physics II	4
PY 203	University Physics III	4
PY 205	Physics for Engineers and Scientists I	3
PY 206	Physics for Engineers and Scientists I Laboratory	1
PY 208	Physics for Engineers and Scientists II	3
PY 209	Physics for Engineers and Scientists II Laboratory	1
PY 211	College Physics I	4
PY 212	College Physics II	4
SMT 202	Anatomy and Properties of Renewable Materials	3
SSC 200	Soil Science	3
SSC 201	Soil Science Laboratory	1
SSC 421	Role of Soils in Environmental Management	3
TMS 211	Introduction to Fiber Science	3

Writing in History or Ethics

Code	Title	Hours
PHI 494	Research and Writing in Ethics	1
PHI 495	Research and Writing in History of Philosophy	1

History of Philosophy

Code	Title	Hours
PHI 300	Ancient Philosophy	3
PHI 302	19th Century Philosophy	3
PHI 401	Kant's Critique of Pure Reason	3

Ethics

Code	Title	Hours
PHI 309	Political Philosophy	3
PHI 319	Africana Political Philosophy	3
PHI 375	Ethics	3
PHI 376	History of Ethics	3
PHI 420	Global Justice	3
PHI 475	Ethical Theory	3

Logic, Language & Cognition

Code	Title	Hours
Select a minimum of 3 units		
PHI 331	Philosophy of Language	3
PHI 332	Philosophy of Psychology	3
PHI 347	Neuroscience and Philosophy	3
PHI 401	Kant's Critique of Pure Reason	3
PHI 420	Global Justice	3
PHI 425	Introduction to Cognitive Science	3
PHI 440	The Scientific Method	3
PHI 447	Philosophy, Evolution and Human Nature	3
PHI 475	Ethical Theory	3
PSY 425	Introduction to Cognitive Science	3

Additional Logic/Language/Cognition

Code	Title	Hours
LOG 430	Varieties of Logic	3
LOG 435	Advanced Logic & Metamathematics	3
LOG 498	Special Topics in Logic	1-6
LOG 598	Special Topics in Logic	1-6
PHI 331	Philosophy of Language	3
PHI 332	Philosophy of Psychology	3
PHI 347	Neuroscience and Philosophy	3
PHI 401	Kant's Critique of Pure Reason	3
PHI 420	Global Justice	3
PHI 425	Introduction to Cognitive Science	3
PHI 440	The Scientific Method	3
PHI 447	Philosophy, Evolution and Human Nature	3
PHI 475	Ethical Theory	3
PHI 494	Research and Writing in Ethics	1
PHI 495	Research and Writing in History of Philosophy	1
PHI 496	Research and Writing in Contemporary Philosophy	1

PHI 497	Research and Writing in Logic, Representation and Reasoning	1
PHI 498	Special Topics in Philosophy	1-6
PSY 425	Introduction to Cognitive Science	3

Philosophy of Science

Code	Title	Hours
PHI 340	Philosophy of Science	3
PHI 440	The Scientific Method	3
PHI 447	Philosophy, Evolution and Human Nature	3

PHI or LOG Electives

Code	Title	Hours
LOG 201	Logic	3
LOG 435	Advanced Logic & Metamathematics	3
PHI 210	Representation, Reason and Reality	3
PHI 330	Metaphysics	3
PHI 331	Philosophy of Language	3
PHI 332	Philosophy of Psychology	3
PHI 333	Knowledge and Skepticism	3
PHI 340	Philosophy of Science	3
PHI 347	Neuroscience and Philosophy	3
PHI 401	Kant's Critique of Pure Reason	3
PHI 420	Global Justice	3
PHI 425	Introduction to Cognitive Science	3
PHI 440	The Scientific Method	3
PHI 447	Philosophy, Evolution and Human Nature	3
PHI 475	Ethical Theory	3
PSY 425	Introduction to Cognitive Science	3

400-Level PHI/LOG Course

Code	Title	Hours
LOG 435	Advanced Logic & Metamathematics	3
PHI 401	Kant's Critique of Pure Reason	3
PHI 420	Global Justice	3
PHI 425	Introduction to Cognitive Science	3
PHI 440	The Scientific Method	3
PHI 447	Philosophy, Evolution and Human Nature	3
PHI 475	Ethical Theory	3
PSY 425	Introduction to Cognitive Science	3

Acad Writing Research

Code	Title	Hours
Acad Writing Research		
ENG 101	Academic Writing and Research	4
FLE 101	Academic Writing and Research	4
Transfer Sequence		
ENG 202	Disciplinary Perspectives in Writing	3
ENG 1GEP	100 Level English Composition	3

Arts and Letters

Code	Title	Hours
ADN 111	Introduction to Two-Dimensional Design	3
ADN 112	Introduction to Three-Dimensional Design	3
ADN 212	Photography I	3
ADN 281	Drawing I	3
ADN 414	Color and Light	3
AFS/MUS 230	Introduction to African-American Music	3
AFS/MUS 260	History of Jazz	3
AFS/ARS 346	Black Popular Culture	3
AFS/ENG 375	African American Cinema	3
ARC 140	Experiencing Architecture	3
ARC 141	Introduction to Architectural History	3
ARC 241	History of World Architecture	3
ARS 251	The Arts of a World Capital: London	3
ARS/STS 257	Technology in the Arts	3
ARS 258	Mathematics and Models in Music	3
ARS 259	The Arts and Politics	3
ARS/MUS 306	Music Composition with Computers	3
ARS 351	Arts, Ideas and Values	3
ARS 353	Arts and Cross-Cultural Contacts	3
ARS 354	The Arts and the Sacred	3
CLA 210	Classical Mythology	3
COM/ENG 321	Survey of Rhetorical Theory	3
COM/ENG 364	History of Film to 1940	3
COM/ENG 374	History of Film From 1940	3
COM/ENG 395	Studies in Rhetoric and Digital Media	3
COM/ENG 411	Rhetorical Criticism	3
D 231	Design History for Engineers and Scientists	3
DAN 272	Dance Composition - Solo Forms	1
DAN 295	Problems of Dance Performance	2
ENG 282	Introduction to Film	3
ENG 289	Poetry Writing	3
ENG 323	Writing in the Rhetorical Tradition	3
ENG 374	History of Film From 1940	3
ENG 378	Women & Film	3
ENG 382	Film and Literature	3
ENG 394	Studies in World Literature	3
ENG 426	Analyzing Style	3
ENG 492	Special Topics in Film Styles and Genres	3
FL 216	Art and Society in France	3
FLC 351	Modern Chinese Popular Culture	3
FLF 318	The Heritage of French Cinema	3
FLG 318	New German Cinema and Beyond	3
FLI 318	Italian Society Through Cinema	3
FLR 318	Russian Cinema and Society	3
FLS 360	Hispanic Cinema	3
GD 203	History of Graphic Design	3
GD 303	Graphic Design Theory and Practice	3
HA 201	History of Art from Caves to the Renaissance	3
HA 202	History of Art From the Renaissance Through the 20th Century	3
HA 203	History of American Art	3
HA/HI 240	Introduction to Visual Culture	3
HA 298	Special Topics in Art History	3
HA 395	History of Art: Study Abroad	3
HA 401	19th Century European Art from Revolution to Post-Impressionism	3
HA 404	Italian Renaissance Art and Material Culture	3
HA 498	Independent Study in History of Art	1-6
HESM 322	Dance and Society	3
HESM 324	Concert Dance History	3
HESM 326	Current Trends in Dance	3
HI/REL 320	Religion in American History	3
HI 402/502/ REL 402/502	Early Christianity to the Time of Eusebius	3
HI 408/508/ REL 408/508	Islam in the Modern World	3
HI 407/507/ REL 407/507	Islamic History to 1798	3
HON 390	Music and the Celtic World	3
IDS 496	Topics in Film and Interdisciplinary Studies	3
LAR 444	History of Landscape Architecture	3
MUS 105	Introduction to Music in Western Society	3
MUS 180	Introduction to Musical Experiences	3
MUS 181	Exploring Music Theory	3
MUS 200	Understanding Music: Global Perspectives	3
MUS 201	Introduction to Music Literature I	3
MUS 202	Introduction to Music Literature II	3
MUS 206	America's Music	3
MUS 310	Music of the 17th and 18th Centuries	3
MUS 315	Music of the 19th Century	3
MUS 320	Music of the 20th Century	3
MUS 330	Survey of Musical Theater	3
MUS 350	Music of Asia	3
MUS/WGS 360	Women In Music	3
REL 200	Introduction to the Study of Religion	3
REL 210	Religious Traditions of the World	3
REL 220	Religion in the Contemporary World	3
REL 230	Asian Religions	3
REL 298	Special Topics in Religious Studies	3
REL/SOC 309	Religion and Society	3
REL 311	Introduction to the Old Testament	3
REL 312	Introduction to the New Testament	3
REL 314	Introduction to Intertestamental Literature	3
REL 317	Christianity	3
REL 323	Religious Cults, Sects, and Minority Faiths in America	3
REL 327	Issues in Contemporary Religion	3
REL 331	The Hindu Tradition	3
REL 332	The Buddhist Traditions	3
REL 333	Chinese Religions	3
REL 334	Japanese Religions	3
REL 340	Islam	3
REL 350	Introduction to Judaism	3

REL 383	Religion, Globalism, and Justice	3
REL 412/512	Advanced Readings in the Christian Gospels	3
REL 413/513	The Life and Letters of the Apostle Paul	3
REL 423/523	Religion and Politics in America	3
REL 424/524	Religion and Politics in Global Perspective	3
REL 471/571/ STS 471/571	Darwinism and Christianity	3
REL 472/572/	Women and Religion	3
REL 473/573	Religion, Gender, and Reproductive Technologies	3
REL 482/582	Religion and Conflict	3
REL 489/589	Interpretations of Religion	3
REL 496	Seminar in Religious Studies	3
REL 498/598	Special Topics in Religious Studies	1-6
THE 103	Introduction to the Theater	3
THE 203	Theory and Practice of Acting	3
THE 303	Stage Directing	3
THE 334	Advanced Acting	3
THE 340	African American Theatre	3

Social Science

Code	Title	Hours
Anthropology		
ANT 251	Physical Anthropology	3
ANT 252	Cultural Anthropology	3
ANT 253	Unearthing the Past: Introduction to World Archaeology	3
ANT 254	Language and Culture	3
ANT 261	Technology in Society and Culture	3
ANT 295	Special Topics in Anthropology	1-3
ANT 310	Native Peoples and Cultures of North America	3
ANT 315	The Aztecs, Maya, and Their Predecessors: Archaeology of Mesoamerica	3
ANT 325	Andean South America	3
ANT 330	Peoples and Cultures of Africa	3
ANT 345	Anthropology of the Middle East	3
ANT 346	Peoples and Cultures of Southeast Asia	3
ANT 351	Contemporary Culture in Japan	3
ANT 354	Peoples and Cultures of the Pacific	3
ANT 370	Introduction to Forensic Anthropology	3
ANT 371	Human Variation	3
ANT 374	Disease and Society	3
ANT 389	Fundamentals of Archaeological Research	3
ANT 395	Special Topics in Anthropology	1-3
ANT 411	Overview of Anthropological Theory	3
ANT 412	Applied Anthropology	3
ANT 416	Research Methods in Cultural Anthropology	3
ANT 419	Ethnographic Field Methods	3
ANT 421	Human Osteology	3
ANT 422	Forensic Anthropology Crime Scene Investigation Field Methods	3
ANT 424	Bioarchaeology	3
ANT 427	Bioarchaeological Fieldwork	3
ANT 428	Human Paleopathology	3

ANT 431	Tourism, Culture and Anthropology	3
ANT 433	Anthropology of Ecotourism and Heritage Conservation	3
ANT 444	Cross-Cultural Perspectives on Women	3
ANT 450	Culture, Ecology, and Sustainable Living	3
ANT 460	Urban Anthropology	3
ANT 461	Wealth, Poverty and International Aid	3
ANT 464	Anthropology of Religion	3
ANT 471	Understanding Latino Migration	3
ANT 475	Environmental Archaeology	3
ANT 483	Theories of Archaeological Research	3
ANT 495	Special Topics in Anthropology	3
ANT 496	Anthropology Internship	6
ANT 498	Independent Study in Anthropology	1-6
ANT 501	Proseminar: Introduction to Graduate Studies in Anthropology	3
ANT 511	Overview of Anthropological Theory	3
ANT 512	Applied Anthropology	3
ANT 516	Research Methods in Cultural Anthropology	3
ANT 521	Human Osteology	3
ANT 522	Forensic Anthropology Crime Scene Investigation Field Methods	3
ANT 524	Bioarchaeology	3
ANT 528	Human Paleopathology	3
ANT 529	Advanced Methods in Forensic Anthropology	4
ANT 531	Tourism, Culture and Anthropology	3
ANT 533	Anthropology of Ecotourism and Heritage Conservation	3
ANT 544	Cross-Cultural Perspectives on Women	3
ANT 550	Culture, Ecology, and Sustainable Living	3
ANT 560	Urban Anthropology	3
ANT 561	Wealth, Poverty and International Aid	3
ANT 564	Anthropology of Religion	3
ANT 571	Understanding Latino Migration	3
ANT 575	Environmental Archaeology	3
ANT 583	Theories of Archaeological Research	3
ANT 585	Skeletal Biology in Anthropology	3
ANT 587	Cultural Resource Management	3
ANT 595	Special Topics in Anthropology	1-6
ANT 598	Independent Study in ANT	1-3
FLJ 351	Contemporary Culture in Japan	3
HI 587	Cultural Resource Management	3
IS 471	Understanding Latino Migration	3
IS 571	Understanding Latino Migration	3
SOC 261	Technology in Society and Culture	3
WGS 444	Cross-Cultural Perspectives on Women	3
WGS 544	Cross-Cultural Perspectives on Women	3
Agricultural Economics		
ARE 121	Agricultural Finance	3
ARE 201	Introduction to Agricultural & Resource Economics	3
ARE 201A	Introduction to Agricultural & Resource Economics	3
ARE 215	Small Business Accounting	3

ARE 260	Marketing and Risk Management in the Pork Industry	1	EC 205	Fundamentals of Economics	3
ARE 270	Principles of Agribusiness Entrepreneurship	3	EC 302	Intermediate Macroeconomics	3
ARE 290	Professional Development in Agricultural Business Management	3	EC 305	A Closer Look at Capitalism	3
ARE 295	Special Topics in Agricultural & Resource Economics (200 Level)	1-6	EC 348	Introduction to International Economics	3
ARE 301	Intermediate Microeconomics	3	EC 351	Econometrics I	3
ARE 303	Farm Management	3	EC 404	Money, Financial Markets, and the Economy	3
ARE 304	Agribusiness Management	3	EC 410	Public Finance	3
ARE 306	Agricultural Law	3	EC 413	Industrial Organization	3
ARE 309	Environmental Law & Economic Policy	3	EC 431	Labor Economics	3
ARE 311	Agricultural Markets	3	EC 437	Health Economics	3
ARE 312	Agribusiness Marketing	3	EC 449	International Finance	3
ARE 321	Agricultural Financial Management	3	EC 451	Econometrics II	3
ARE 323	Agribusiness Finance	3	EC 468	Game Theory	3
ARE 332	Human Resource Management for Agribusiness	3	EC 474	Economics of Financial Institutions and Markets	3
ARE 336	Introduction to Resource and Environmental Economics	3	EC 480	Introduction to Economic Research	3
ARE 345	Global Agribusiness Management	3	EC 490	Research Seminar in Economics	3
ARE 370	Agribusiness New Venture Development	3	EC 495	Special Topics in Economics	1-6
ARE 395	Special Topics in Agricultural and Resource Economics (300 level)	1-6	EC 498	Independent Study in Economics	1-6
ARE 404	Advanced Agribusiness Management	3	Political Science		
ARE 412	Advanced Agribusiness Marketing	3	AFS 409	Black Political Participation in America	3
ARE 413	Applied Agribusiness Marketing	3	LPS 315	Public Leadership	3
ARE 415	Introduction to Commodity Futures Markets	3	PS 101	Internet Research	1
ARE 420	Taxation in Agriculture, Production, and Agribusiness	3	PS 102	Data Analysis	1
ARE 425	Contracts and Organizations in Agriculture	3	PS 103	Designing Political Web Pages	1
ARE 433	U.S. Agricultural Policy	3	PS 201	American Politics and Government	3
ARE 444	Ethics in Agribusiness	3	PS 202	State and Local Government	3
ARE 448	International Agricultural Trade	3	PS 203	Introduction to Nonprofits	3
ARE 455	Agribusiness Analytics	3	PS 204	Problems of American Democracy	3
ARE 470	Agribusiness Entrepreneurship Clinical Skills Development	3	PS 231	Introduction to International Relations	3
ARE 475	Food Policy	3	PS 236	Issues in Global Politics	3
ARE 490	Career Seminar in Agriculture & Resource Economics	1	PS 241	Introduction to Comparative Politics	3
ARE 492	External Learning Experience	1-6	PS 298	Special Topics in Political Science	1-6
ARE 493	Special Problems/Research Exploration	1-6	PS 301	The Presidency and Congress	3
ARE 494	Agribusiness Study Abroad	1-6	PS 302	Campaigns and Elections in the US Political System	3
ARE 495	Special Topics in Agricultural and Resource Economics	1-6	PS 303	Race in U.S. Politics	3
ARE 590	Special Topics in ARE	1-99	PS 305	The Justice System in the American Political Process	3
EC 301	Intermediate Microeconomics	3	PS 306	Gender and Politics in the United States	3
EC 336	Introduction to Resource and Environmental Economics	3	PS 307	Introduction to Criminal Law in the United States	3
Economics			PS 308	Supreme Court and Public Policy	3
ARE 301	Intermediate Microeconomics	3	PS 309	Equality and Justice in United States Law	3
ARE 336	Introduction to Resource and Environmental Economics	3	PS 310	Public Policy	3
EC 201	Principles of Microeconomics	3	PS 312	Introduction to Public Administration	3
EC 202	Principles of Macroeconomics	3	PS 313	Criminal Justice Policy	3
			PS 314	Science, Technology and Public Policy	3
			PS 320	U.S. Environmental Law and Politics	3
			PS 331	U.S. Foreign Policy	3
			PS 335	International Law	3
			PS 336	Global Environmental Politics	3
			PS 339	Politics of the World Economy	3
			PS 341	European Politics	3

PS 342	Politics of China and Japan	3	SOC 413	Criminal Justice Field Work	4
PS 343	Government and Politics in South Asia	3	SOC 432	Violence, Terrorism, and Public Policy	3
PS 345	Governments and Politics in the Middle East	3	WGS 306	Gender and Politics in the United States	3
PS 353	Issues in Latin American and Caribbean Politics	3	WGS 418	Gender Law and Policies	3
PS 361	Introduction to Political Theory	3	Psychology		
PS 362	American Political Thought	3	AFS 345	Psychology and the African American Experience	3
PS 371	Research Methodology of Political Science	3	EDP 304	Educational Psychology	3
PS 391	Internship in Political Science	1-6	EDP 476	Psychology of Adolescent Development	3
PS 398	Special Topics in Political Science	3	EDP 582	Adolescent Development	3
PS 401	American Political Parties	3	ISE 540	Human Factors In Systems Design	3
PS 409	Black Political Participation in America	3	PHI 425	Introduction to Cognitive Science	3
PS 411	Public Opinion and the Media in American Politics	3	PHI 525	Introduction To Cognitive Science	3
PS 415	Administration of Justice	3	PSY 200	Introduction to Psychology	3
PS 418	Gender Law and Policies	3	PSY 208	Psychobiology of Success	3
PS 431	The United Nations and Global Order	3	PSY 230	Introduction to Psychological Research	3
PS 432	Violence, Terrorism, and Public Policy	3	PSY 240	Introduction to Behavioral Research I	3
PS 433	Global Problems and Policies	3	PSY 241	Introduction to Behavioral Research I Lab	1
PS 437	U.S. National Security Policy	3	PSY 242	Introduction to Behavioral Research II	3
PS 443	Seminar in Latin American & Caribbean Politics	3	PSY 243	Introduction to Behavioral Research II Lab	2
PS 445	Comparative Systems of Law and Justice	3	PSY 307	Industrial and Organizational Psychology	3
PS 462	Seminar in Political Theory	3	PSY 311	Social Psychology	3
PS 463	Public Choice and Political Institutions	3	PSY 312	Applied Psychology	3
PS 464	The Classical Liberal Tradition	3	PSY 313	Positive Psychology	3
PS 471	Public Opinion Research Methodology	3	PSY 340	Ergonomics	3
PS 490	Readings and Research in Political Science	1-6	PSY 345	Psychology and the African American Experience	3
PS 492	Honors Readings and Thesis in Political Science	1-6	PSY 360	Community Psychology Principles and Practice	3
PS 498	Special Topics in Political Science	1-6	PSY 370	Personality	3
PS 502	The Legislative Process	3	PSY 376	Developmental Psychology	3
PS 506	United States Constitutional Law	3	PSY 400	Perception	3
PS 507	Civil Liberties In the United States	3	PSY 406	Psychology of Gender	3
PS 530	Seminar In International Relations	3	PSY 410	Learning and Motivation	3
PS 531	International Law	3	PSY 411	The Psychology of Interdependence and Race	3
PS 532	Seminar in Global Governance	3	PSY 416	Psychology of Emotion	3
PS 533	Global Problems and Policy	3	PSY 420	Cognitive Processes	3
PS 534	The Politics of Human Rights Policies	3	PSY 425	Introduction to Cognitive Science	3
PS 536	Global Environmental Law and Policy	3	PSY 430	Biological Psychology	3
PS 539	International Political Economy	3	PSY 431	Health Psychology	3
PS 540	Seminar In Comparative Politics	3	PSY 436	Introduction to Psychological Measurement	3
PS 541	Political Islam	3	PSY 465	Advanced Methods in Psychology	3
PS 542	European Politics	3	PSY 470	Abnormal Psychology	3
PS 543	Seminar in Latin American & Caribbean Politics	3	PSY 475	Child Psychology	3
PS 544	Contemporary African Politics	3	PSY 476	Psychology of Adolescent Development	3
PS 545	Comparative Systems of Law and Justice	3	PSY 491	Special Topics in Psychology	3
PS 546	The Politics of East Asia	3	PSY 495	Community-Based Applied Psychology	4
PS 547	Russian Politics	3	PSY 498	Psychology Honors Seminar	3
PS 560	Nuclear Nonproliferation Policy & Process	3	PSY 499	Individual Study in Psychology	1-6
PS 561	Nuclear Strategy and Nonproliferation	3	PSY 500	Visual Perception	3
PS 571	Research Methods and Analysis	3	PSY 502	Physiological Psychology	3
PS 585	Constitutional and Legal Principles for Police Supervisors	3	PSY 504	Evolutionary Psychology	3
PS 590	Special Topics	1-6	PSY 508	Cognitive Processes	3
PS 598	Special Topics In Political Science	1-6	PSY 510	Advanced Problems In Psychology	1-3
			PSY 511	Advanced Social Psychology	3

PSY 525	Introduction To Cognitive Science	3	SOC 418	Sociology of Education	3
PSY 535	Tests and Measurements	3	SOC 425	Juvenile Delinquency	3
PSY 540	Human Factors In Systems Design	3	SOC 427	Sociology of Law	3
PSY 541	Overview of Human Factors Psychology	3	SOC 428	Formal Institutions of Social Control	3
PSY 558	Psychology and the African Experience	3	SOC 429	Quantitative Data Analysis in Sociology	3
PSY 582	Adolescent Development	3	SOC 430	Community and Crime	3
PSY 584	Advanced Developmental Psychology	3	SOC 440	Social Change	3
PSY 590	Special Topics in Psychology	3	SOC 445	Inequality, Ideology, and Social Justice	3
PSY 591	History and Systems Of Psychology	1-3	SOC 450	Environmental Sociology	3
WGS 406	Psychology of Gender	3	SOC 457	Corporate Power in America	3
Sociology					
AFS 305	Racial and Ethnic Relations	3	SOC 465	Social Aspects of Mental Health	3
ANT 261	Technology in Society and Culture	3	SOC 492	External Learning Experience	1-6
ANT 428	Human Paleopathology	3	SOC 493	Special Problems in Sociology	1-6
ANT 528	Human Paleopathology	3	SOC 495	Special Topics in Sociology	1-3
GEO 220	Cultural Geography	3	SOC 498	Independent Study in Sociology	1-6
PS 432	Violence, Terrorism, and Public Policy	3	SOC 508	Social Organization	3
REL 309	Religion and Society	3	SOC 509	Population Problems	3
SOC 202	Principles of Sociology	3	SOC 514	Developing Societies	3
SOC 203	Current Social Problems	3	SOC 533	The Community	3
SOC 203A	Current Social Problems	3	SOC 591	Special Topics In Sociology	1-6
SOC 204	Sociology of Family	3	WGS 204	Sociology of Family	3
SOC 205	Jobs and Work	3	WGS 304	Gender and Society	3
SOC 206	Social Deviance	3	WGS 407	Sociology of Sexualities	3
SOC 207	Language and Society	3	Multidisciplinary		
SOC 211	Community and Health	3	ENG 210	Introduction to Language and Linguistics	3
SOC 212	Race in America	3	GEO 220	Cultural Geography	3
SOC 220	Cultural Geography	3	SOC 220	Cultural Geography	3
SOC 241	Sociology of Agriculture and Rural Society	3	STS 402	Peace and War in the Nuclear Age	3
SOC 241A	Sociology of Agriculture and Rural Society	3	History		
SOC 295	Special Topics in Sociology	1-3	Code	Title	Hours
SOC 300	Social Research Methods	4	AFS/HI 275	Introduction to History of South and East Africa	3
SOC 301	Human Behavior	3	AFS/HI 276	Introduction to History of West Africa	3
SOC 304	Gender and Society	3	HI 205	Western Civilization Since 1400	3
SOC 305	Racial and Ethnic Relations	3	HI 207	Ancient Mediterranean World	3
SOC 306	Criminology	3	HI 208	The Middle Ages	3
SOC 309	Religion and Society	3	HI 209	From Renaissance to Revolution: The Origins of Modern Europe	3
SOC 311	Community Relationships	3	HI 210	Modern Europe 1815-Present	3
SOC 342	International Development	3	HI 214	History and Archaeology of Ancient Latin America	3
SOC 350	Food and Society	3	HI 215	Latin America to 1826	3
SOC 351	Population and Planning	3	HI 216	Latin America Since 1826	3
SOC 381	Sociology of Medicine	3	HI 217	Caribbean History	3
SOC 395	Special Topics in Sociology	1-3	HI 221	British History to 1688	3
SOC 400	Theories of Social Structure	3	HI 222	History of British Cultures and Societies From 1688	3
SOC 401	Theories of Social Interaction	3	HI 232	The World from 1200 to 1750	3
SOC 402	Urban Sociology	3	HI 233	The World Since 1750	3
SOC 404	Families and Work	3	HI 251	American History I	3
SOC 405	Racism in the U.S.	3	HI 252	American History II	3
SOC 407	Sociology of Sexualities	3	HI 253	Early American History	3
SOC 410	Sociology of Organizations	3	HI 254	Modern American History	3
SOC 413	Criminal Justice Field Work	4			
SOC 414	Social Class	3			

HI 263	Asian Civilizations to 1800	3
HI 264	Modern Asia: 1800 to Present	3
HI 270	Modern Middle East	3

Literature

Code	Title	Hours
Literature List A		
AFS/ENG 248	Survey of African-American Literature	3
AFS/ENG 349	African Literature in English	3
AFS 448/548/ ENG 448/548	African-American Literature	3
ENG 206	Studies In Drama	3
ENG 207	Studies in Poetry	3
ENG 208	Studies In Fiction	3
ENG 209	Introduction to Shakespeare	3
ENG/FL 219	Studies in Great Works of Non-Western Literature	3
ENG/FL 220	Studies in Great Works of Western Literature	3
ENG/FL 221	Literature of the Western World I	3
ENG/FL 222	Literature of the Western World II	3
ENG/FL 223	Contemporary World Literature I	3
ENG/FL 224	Contemporary World Literature II	3
ENG 232	Literature and Medicine	3
ENG 246	Literature of the Holocaust	3
ENG 249	Native American Literature	3
ENG 251	Major British Writers	3
ENG 252	Major American Writers	3
ENG 255	Beyond Britain: Literature from Colonies of the British Empire	3
ENG 260	Reading Literature and Exploring Textuality	3
ENG 261	English Literature I	3
ENG 262	English Literature II	3
ENG 265	American Literature I	3
ENG 266	American Literature II	3
ENG 267	LGBTQI Literature in the U.S.	3
ENG/FL 275	Literature and War	3
ENG/WGS 305	Women and Literature	3
ENG 339	Literature and Technology	3
ENG 340	Literature, Art, and Society	3
ENG 341	Literature and Science	3
ENG 342	Literature of Space and Place	3
ENG 361	Studies in British Poetry	3
ENG 362	Studies in the British Novel	3
ENG 369	The American Novel of the 19th Century	3
ENG 370	American Fiction, Twentieth Century and Beyond	3
ENG 372	American Poetry, Twentieth Century and Beyond	3
ENG 376	Science Fiction	3
ENG 377	Fantasy	3
ENG 380	Modern Drama	3
ENG 382	Film and Literature	3
ENG 385	Biblical Backgrounds of English Literature	3
ENG 390	Classical Backgrounds of English Literature	3
ENG/FL 394	Studies in World Literature	3

ENG 399	Contemporary Literature	3
ENG/FL 406	Modernism	3
ENG/FL 407	Postmodernism	3
ENG/WGS 410	Studies in Gender and Genre	3
ENG 420	Major American Author	3
ENG 439	Studies in English Renaissance Literature	3
ENG 451/551	Chaucer	3
ENG 452	Medieval British Literature	3
ENG 453	The Romantic Period	3
ENG 462	18th-Century English Literature	3
ENG 463	The Victorian Period	3
ENG 464	British Literature and the Founding of Empire	3
ENG 465	British Literature and the Dissolution of Empire	3
ENG 466	Transatlantic Literatures	3
ENG 468	Studies in Nineteenth-Century American Literature	3
ENG 470	American Literature, Twentieth Century and Beyond	3
ENG 486	Shakespeare, The Earlier Plays	3
ENG 487	Shakespeare, The Later Plays	3

Literature List B

ENG/FL 219	Studies in Great Works of Non-Western Literature	3
ENG/FL 220	Studies in Great Works of Western Literature	3
ENG/FL 221	Literature of the Western World I	3
ENG/FL 223	Contemporary World Literature I	3
ENG/FL 224	Contemporary World Literature II	3
ENG/FL 394	Studies in World Literature	3
ENG/FL 406	Modernism	3
ENG/FL 407	Postmodernism	3
FLF 301	Survey of French Literature from the Middle Ages through the Enlightenment	3
FLF 302	Survey of French Literature from Romanticism to the Contemporary Period	3
FLF 492	Seminar in French Studies	3
FLG 320	Introduction to German Literature	3
FLG 323	Twentieth Century German Literature	3
FLG 325	German Lyric Poetry	3
FLR 303	Russian Literature in Translation: The Nineteenth Century	3
FLR 304	Russian Literature in Translation: The Twentieth Century	3
FLS 341	Literature and Culture of Spain I	3
FLS 342	Literature and Culture of Spain II	3
FLS 343	Literature and Culture of Spain III	3
FLS 351	Literature and Culture of Latin America I	3
FLS 352	Literature and Culture of Latin America II	3
FLS 353	Literature and Culture of Latin America III	3
FLS 492	Seminar in Hispanic Studies	3
HON 202	Inquiry, Discovery, and Literature	3

Writing and Communication

Code	Title	Hours
Writing and Communication		
COM 110	Public Speaking	3

COM 112	Interpersonal Communication	3
COM 211	Argumentation and Advocacy	3
ENG 287	Explorations in Creative Writing	3
ENG 288	Fiction Writing	3
ENG 289	Poetry Writing	3
ENG 292	Writing About Film	3
ENG 316	Introduction to News and Article Writing	3
ENG 323	Writing in the Rhetorical Tradition	3
ENG 331	Communication for Engineering and Technology	3
ENG 332	Communication for Business and Management	3
ENG 333	Communication for Science and Research	3
Foreign Language 200 Level		
FLA 201	Intermediate Arabic I	3
FLC 201	Intermediate Chinese I	3
FLF 201	Intermediate French I	3
FLG 201	Intermediate German I	3
FLI 201	Intermediate Italian I	3
FLJ 201	Intermediate Japanese I	3
FLN 201	Intermediate Hindi-Urdu I	3
FLP 201	Intermediate Portuguese I	3
FLR 201	Intermediate Russian I	3
FLS 201	Intermediate Spanish I	3
FLS 212	Spanish: Language, Technology, Culture	3
GRK 201	Intermediate Greek I	3
LAT 201	Intermediate Latin I	3
PER 201	Intermediate Persian I	3

Semester Sequence

This is a sample.

Course	Title	Hours
First Year		
Fall Semester		
ENG 101	Academic Writing and Research ¹	4
GEP Natural Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-natural-sciences/)		4
GEP Social Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-social-sciences/)		3
Calculus		3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1
Hours		15
Spring Semester		
GEP Natural Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-natural-sciences/)		4
GEP Social Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-social-sciences/)		3
GEP Mathematical Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-mathematical-sciences/)		3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1

Free Elective		3
Hours		14

Second Year

Fall Semester

Literature		3
GEP Natural Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-natural-sciences/)		4
LOG/MA 335	Symbolic Logic	3
Philosophy		3
Mathematics Elective		3
Hours		16

Spring Semester

GEP Natural Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-natural-sciences/)		4
Arts and Letters		3
History		3
GEP Social Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-social-sciences/)		3
PHI 301	Early Modern Philosophy	3
Hours		16

Third Year

Fall Semester

PHI 494	Research and Writing in Ethics	1
or PHI 495	or Research and Writing in History of Philosophy	
Logic, Philosophy of Language, Cognition		3
Ethics Elective		3
Advanced Writing/Communication		3
Free Electives		4
Hours		14

Spring Semester

Philosophy or Logic Elective		3
Logic, Philosophy of Language, Cognition		3
History of Philosophy		3
Philosophy of Science		3
Advanced Science/Technology		3
Hours		15

Fourth Year

Fall Semester

Advanced Science/Technology		6
PHI 496	Research and Writing in Contemporary Philosophy	1
Philosophy or Logic Elective		3
GEP Additional Breadth (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/) (Mathematical Sciences/Natural Sciences/Engineering)		3
Free Electives		2
Hours		15

Spring Semester

Advanced Science/Technology		6
PHI 497	Research and Writing in Logic, Representation and Reasoning	1

Free Electives	8
Hours	15
Total Hours	120

¹ A grade of C- or higher is required.