

Engineering (BS): Nuclear Power Concentration

Overview

Plan Requirements

First Year

Fall Semester		Hours
CH 101	Chemistry - A Molecular Science ¹	3
CH 102	General Chemistry Laboratory ¹	1
ENG 111	¹	3
MA 141	Calculus I ¹	4
Hours		11

Spring Semester

CH 201	Chemistry - A Quantitative Science	3
CH 202	Quantitative Chemistry Laboratory	1
ENG 112	¹	3
MA 241	Calculus II ¹	4
PY 205 & PY 206	Physics for Engineers and Scientists I and Physics for Engineers and Scientists I Laboratory ¹	4
Hours		15

Second Year

Fall Semester		Hours
CSC 112	Introduction to Computing-FORTRAN	3
MA 242	Calculus III	4
NE 201	Introduction to Nuclear Engineering	2
PY 208 & PY 209	Physics for Engineers and Scientists II and Physics for Engineers and Scientists II Laboratory	4
Hours		13

Spring Semester

CE 213		3
MA 341	Applied Differential Equations I	3
NE 202	Radiation Sources, Interaction and Detection ¹	4
GEH Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1
Hours		11

Third Year

Fall Semester		Hours
MAE 201	Thermal-Fluid Sciences	3
MAE 308	Fluid Mechanics	3
COM 110	Public Speaking	3
NE 301	Fundamentals of Nuclear Engineering ¹	3
Hours		12

Spring Semester

MSE 201	Structure and Properties of Engineering Materials	3
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NE 401	Reactor Analysis and Design	3
GEH Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1

Hours **7**

Fourth Year

Fall Semester

NE 402	Reactor Engineering	4
NE 404	Radiation Safety and Shielding	3

Hours **7**

Spring Semester

NE 405	Reactor Systems	3
NE 409	Nuclear Materials	3

Hours **6**

Total Hours **82**

¹ A grade of C- or higher is required.

Advanced Communication Elective

Code	Title	Hours
Humanities/Social Sciences		
	History/Literature Elective (p. 1)	6
	GEH Social Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-social-sciences/)	3
	Philosophy/Religion/Art Elective (p. 8)	3
	Science, Tech & Society Elective (p. 9)	3
EC 205	Fundamentals of Economics	3
	Humanities & Social Sciences Elective	3
	World Language Proficiency (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/world-language-proficiency/) (verify requirement)	
	GEH Foundations of American Democracy (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-fad/) (verify requirement)	
	Non-English Culture (verify requirement) (p. 10)	

Free Electives

Free Electives ¹	17
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Total Hours **38**

¹ Students should consult their academic advisors to determine which courses fill this requirement.

History/Literature Electives

Code	Title	Hours
Science, Tech & Society		
ANT 261	Technology in Society and Culture	3
ARE 336	Introduction to Resource and Environmental Economics	3
D 231	Design History for Engineers and Scientists	3
EC 336	Introduction to Resource and Environmental Economics	3
ENG 232	Literature and Medicine	3
ENG 376	Science Fiction	3

ENG 425	Analysis of Scientific and Technical Writing	3
HI 321	Scientific Revolution and European Society, 1500-1800	3
HI 322	Rise of Modern Science	3
HI 341	Technology in History	3
HI 423	Women in European Enlightenment	3
HI 440	American Environmental History	3
HI 481	History of the Life Sciences	3
HI 482	Darwinism in Science and Society	3
HI 483	Science and Religion in European History	3
HI 484	Science in European Culture	3
HI 485	History of American Technology	3
HI 523	Women in European Enlightenment	3
HI 540	American Environmental History	3
HI 581	History of the Life Sciences	3
HI 582	Darwinism in Science and Society	3
HI 583	Science and Religion in European History	3
HI 584	Science in European Culture	3
HI 585	History of American Technology	3
HON 310	The Creative Process in Science: Realities, Comparisons, and Culture Perceptions	3
IDS 201	Environmental Ethics	3
IDS 303	Humans and the Environment	3
IDS 490	Interdisciplinary Methods and Issues	3
NR 303	Humans and the Environment	3
NR 406	Conservation of Biological Diversity	3
PHI 325	Bio-Medical Ethics	3
PHI 340	Philosophy of Science	3
PHI 440	The Scientific Method	3
PS 314	Science, Technology and Public Policy	3
PS 336	Global Environmental Politics	3
PSY 312	Applied Psychology	3
REL 471	Darwinism and Christianity	3
SOC 261	Technology in Society and Culture	3
SOC 381	Sociology of Medicine	3
SOC 450	Environmental Sociology	3
STS 210	Women and Gender in Science and Technology	3
STS 214	Introduction to Science, Technology, and Society	3
STS 301	Science and Civilization	3
STS 302	Contemporary Science, Technology and Human Values	3
STS 304	Ethical Dimensions of Progress	3
STS 323	World Population and Food Prospects	3
STS 325	Bio-Medical Ethics	3
STS 402	Peace and War in the Nuclear Age	3
STS 405	Technology and American Culture	3
STS 471	Darwinism and Christianity	3
STS 490	Issues in Science, Technology, and Society	3
WGS 210	Women and Gender in Science and Technology	3
WLFR 212	French: Language, Culture, and Technology	3
WLGE 212	German Language, Culture, Science, and Technology	3
WLSP 212	Spanish: Language, Technology, Culture	3

History		
AFS 275	Introduction to History of South and East Africa	3
AFS 276	Introduction to History of West Africa	3
HI 205	Western Civilization Since 1400	3
HI 207	Ancient Mediterranean World	3
HI 208	The Middle Ages	3
HI 209	From Renaissance to Revolution: The Origins of Modern Europe	3
HI 210	Modern Europe 1815-Present	3
HI 215	Colonial Latin America	3
HI 216	Modern Latin America	3
HI 221	British History to 1688	3
HI 222	History of British Cultures and Societies From 1688	3
HI 233	The World Since 1750	3
HI 251	American History I	3
HI 252	American History II	3
HI 263	Asian Civilizations to 1800	3
HI 264	Modern Asia: 1800 to Present	3
HI 270	Modern Middle East	3
HI 275	Introduction to History of South and East Africa	3
HI 276	Introduction to History of West Africa	3
HON 290	Honors Special Topics - Humanities/US Diversity	3
HON 293	Honors Special Topics - Interdisciplinary Perspectives/Global Knowledge	3
Literature		
AFS 248	Survey of 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/WL 219	Studies in Great Works of Non-Western Literature	3
ENG/WL 220	Studies in Great Works of Western Literature	3
ENG/WL 221	Literature of the Western World I	3
ENG/WL 222	Literature of the Western World II	3
ENG/WL 223	Contemporary World Literature I	3
ENG/WL 224	Contemporary World Literature II	3
ENG 232	Literature and Medicine	3
ENG/WL 246	Literature of the Holocaust	3
ENG 248	Survey of African-American Literature	3
ENG 249	Native American Literature	3
ENG 251	Major British Writers	3
ENG 252	Major American Writers	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 370	American Fiction, Twentieth Century and Beyond	3
ENG 372	American Poetry, Twentieth Century and Beyond	3
ENG/WL 392	Major World Author	3
ENG/WL 393	Studies in Literary Genre	3
ENG/WL 406	Modernism	3
ENG/WL 407	Postmodernism	3

ENG 420	Major American Authors	3
ENG 460	Major British Author	3
ENG 464	British Literature and the Founding of Empire	3
ENG 465	British Literature and the Dissolution of Empire	3
ENG 470	American Literature, Twentieth Century and Beyond	3
HON 202	Inquiry, Discovery, and Literature	3
HON 293	Honors Special Topics - Interdisciplinary Perspectives/Global Knowledge	3
WLFR 301	Survey of French Literature from the Middle Ages through the Enlightenment	3
WLFR 302	Survey of French Literature from Romanticism to the Contemporary Period	3
WLGE 320	Introduction to German Literature	3
WLGE 323	Twentieth Century German Literature	3
WLGE 325	German Lyric Poetry	3
WLRU 303	Russian Literature in Translation: The Nineteenth Century	3
WLRU 304	Russian Literature in Translation: The Twentieth Century	3
WLSP 340	Introduction to Hispanic Literatures and Cultures	3
WLSP 341	Literature and Culture of Spain I	3
WLSP 342	Literature and Culture of Spain II	3
WLSP 343	Literature and Culture of Spain III	3
WLSP 351	Literature and Culture of Latin America I	3
WLSP 352	Literature and Culture of Latin America II	3
WLSP 353	Literature and Culture of Latin America III	3
Advanced History		
AFS 372	African-American History Through the Civil War, 1619-1865	3
AFS 373	African-American History Since 1865	3
AFS 455	History of the Civil Rights Movement	3
AFS 475	History of the Republic of South Africa	3
AFS 476	Leadership in Modern Africa	3
AFS 555	History of the Civil Rights Movement	3
AFS 575	History of the Republic of South Africa	3
AFS 576	Leadership in Modern Africa	3
HI 320	Religion in American History	3
HI 222	History of British Cultures and Societies From 1688	3
HI 332	Germany and the World Wars	3
HI 340	History of Agriculture	3
HI 341	Technology in History	3
HI 350	American Military History	3
HI 364	History of North Carolina	3
HI 365	The American West	3
HI 372	African-American History Through the Civil War, 1619-1865	3
HI 373	African-American History Since 1865	3
HI 380	History of Nonprofits, Philanthropy, and Social Change	3
HI 400	Civilization of the Ancient Near East	3
HI 403	Ancient Greek Civilization	3
HI 404	Rome to 337 A.D.	3

HI 405	History and Archaeology of the Roman Empire	3
HI 406	From Roman Empire to Middle Ages	3
HI 407	Islamic History to 1798	3
HI 408	Islam in the Modern World	3
HI 409	The High Middle Ages	3
HI 410	Italian Renaissance	3
HI 411	Trials of Faith: Religious Reformation in Early-Modern Europe	3
HI 412	The Sexes and Society in Early-Modern Europe	3
HI 414	From Kings to Revolution: The History of Early-Modern France	3
HI 415	The French Revolution	3
HI 418	Fascist Italy and Nazi Germany	3
HI 419	Modern European Imperialism	3
HI 421	European Intellectual History: The Eighteenth Century	3
HI 422	European Intellectual History: The 19th Century	3
HI 423	Women in European Enlightenment	3
HI 425	Tudor and Stuart England	3
HI 429	20th Century Britain	3
HI 430	Modern France	3
HI 440	American Environmental History	3
HI 441	Colonial and Revolutionary U.S	3
HI 443	U.S. Constitutional History to 1883	3
HI 444	U.S. Constitutional History Since 1870	3
HI 446	Topics in Civil War and Reconstruction	3
HI 447	Women in America to 1890	3
HI 448	American Women in the Twentieth Century	3
HI 451	The Vietnam War	3
HI 452	Recent America	3
HI 453	United States-Latin American Relations Since 1823	3
HI 454	History of U.S. Foreign Relations, 1900-Present	3
HI 455	History of the Civil Rights Movement	3
HI 461	Slavery and the American South 1607-1861	3
HI 462	Southern History since the Civil War	3
HI 465	Oil and Crisis in the Gulf	3
HI 466	History of the Palestinian-Israeli Conflict	3
HI 467	Modern Mexico	3
HI 469	Latin American Revolutions	3
HI 471	Revolutionary China	3
HI 472	Fashion, Food, and Fun: Material Culture in Chinese History	3
HI 473	Japan's Empire in Asia, 1868-1945	3
HI 474	Modern India	3
HI 475	History of the Republic of South Africa	3
HI 476	Leadership in Modern Africa	3
HI 477	Women in the Middle East	3
HI 478	Islam and Christianity in Sub-Saharan Africa	3
HI 481	History of the Life Sciences	3
HI 482	Darwinism in Science and Society	3
HI 483	Science and Religion in European History	3
HI 484	Science in European Culture	3

HI 485	History of American Technology	3	ENG 305	Women and Literature	3
HI 500	Civilization of the Ancient Near East	3	ENG 349	African Literature in English	3
HI 503	Ancient Greek Civilization	3	ENG 362	Studies in the British Novel	3
HI 504	Rome to 337 A.D.	3	ENG 369	The American Novel of the 19th Century	3
HI 505	History and Archaeology of the Roman Empire	3	ENG 370	American Fiction, Twentieth Century and Beyond	3
HI 506	From Roman Empire to Middle Ages	3	ENG 372	American Poetry, Twentieth Century and Beyond	3
HI 509	The High Middle Ages	3	ENG 376	Science Fiction	3
HI 511	Trials of Faith: Religious Reformation in Early-Modern Europe	3	ENG 377	Fantasy	3
HI 512	The Sexes and Society in Early-Modern Europe	3	ENG 380	Modern Drama	3
HI 514	From Kings to Revolution: The History of Early-Modern France	3	ENG 385	Biblical Backgrounds of English Literature	3
HI 515	The French Revolution	3	ENG 390	Classical Backgrounds of English Literature	3
HI 518	Fascist Italy and Nazi Germany	3	ENG/WL 394	Studies in World Literature	3
HI 519	Modern European Imperialism	3	ENG 399	Contemporary Literature	3
HI 521	European Intellectual History: The Eighteenth Century	3	ENG/WL 406	Modernism	3
HI 522	European Intellectual History: The 19th Century	3	ENG/WL 407	Postmodernism	3
HI 423	Women in European Enlightenment	3	ENG 420	Major American Authors	3
HI 525	Tudor and Stuart England	3	ENG 439	Studies in English Renaissance Literature	3
HI 530	Modern France	3	ENG 448	African-American Literature	3
HI 540	American Environmental History	3	ENG 451	Chaucer	3
HI 541	Colonial and Revolutionary U.S	3	ENG 453	Studies in Nineteenth-Century British Literature	3
HI 543	U.S. Constitutional History to 1883	3	ENG 462	18th-Century English Literature	3
HI 546	Topics in Civil War and Reconstruction	3	ENG 463	The Victorian Period	3
HI 547	Women in America to 1890	3	ENG 464	British Literature and the Founding of Empire	3
HI 548	American Women in the Twentieth Century	3	ENG 465	British Literature and the Dissolution of Empire	3
HI 551	The Vietnam War	3	ENG 468	Studies in Nineteenth-Century American Literature	3
HI 552	Recent America	3	ENG 470	American Literature, Twentieth Century and Beyond	3
HI 555	History of the Civil Rights Movement	3	ENG 486	Shakespeare, The Earlier Plays	3
HI 561	Slavery and the American South 1607-1861	3	ENG 487	Shakespeare, The Later Plays	3
HI 562	Southern History since the Civil War	3	ENG 548	African-American Literature	3
HI 569	Latin American Revolutions	3	ENG 551	Chaucer	3
HI 571	Revolutionary China	3	WGS 305	Women and Literature	3
HI 573	Japan's Empire in Asia, 1868-1945	3	WLFR 301	Survey of French Literature from the Middle Ages through the Enlightenment	3
HI 575	History of the Republic of South Africa	3	WLFR 302	Survey of French Literature from Romanticism to the Contemporary Period	3
HI 576	Leadership in Modern Africa	3	WLHU 301	Twentieth Century Hindi & Urdu Fiction	3
HI 581	History of the Life Sciences	3	WLHU 302	Modern Hindi & Urdu Poetry	3
HI 582	Darwinism in Science and Society	3	Anthropology		
HI 583	Science and Religion in European History	3	ANT 251	Introduction to Biological Anthropology	3
HI 584	Science in European Culture	3	ANT 252	Introduction to Cultural Anthropology	3
HI 585	History of American Technology	3	ANT 253	Introduction to Archaeology	3
REL 320	Religion in American History	3	ANT 254	Introduction to Linguistic Anthropology	3
REL 407	Islamic History to 1798	3	ANT 261	Technology in Society and Culture	3
REL 408	Islam in the Modern World	3	HON 295	Honors Special Topics-Social Science	3
WGS 447	Women in America to 1890	3	SOC 261	Technology in Society and Culture	3
WGS 448	American Women in the Twentieth Century	3	Cultural Geography		
WGS 547	Women in America to 1890	3	GEO 200	Principles of Geography	3
WGS 548	American Women in the Twentieth Century	3	GEO 220	Cultural Geography	3
Advanced Literature			HON 295	Honors Special Topics-Social Science	3
AFS 349	African Literature in English	3	SOC 220	Cultural Geography	3
AFS 448	African-American Literature	3	Politics & Government		
AFS 548	African-American Literature	3	FOR 472	Forest Soils	4

HON 295	Honors Special Topics-Social Science	3
MIE 305	Legal and Regulatory Environment	3
NR 460	Renewable Natural Resource Management and Policy	3
NR 560	Renewable Natural Resource Management and Policy	3
PA 203	Introduction to Nonprofits	3
PS 201	American Politics and Government	3
PS 202	State and Local Government	3
PS 203	Introduction to Nonprofits	3
PS 204	Problems of American Democracy	3
PS 231	Introduction to International Relations	3
PS 236	Issues in Global Politics	3
PS 241	Introduction to Comparative Politics	3
PS 302	Campaigns and Elections in the US Political System	3
PS 303	Race in U.S. Politics	3
PS 305	The Justice System in the American Political Process	3
PS 309	Equality and Justice in United States Law	3
PS 310	Public Policy	3
PS 312	Introduction to Public Administration	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 341	European Politics	3
PS 342	Politics of China and Japan	3
PS 345	Governments and Politics in the Middle East	3
Psychology		
AFS 345	Psychology and the African American Experience	3
EDP 304	Educational Psychology	3
EDP 370	Applied Child Development	3
HON 295	Honors Special Topics-Social Science	3
PSY 200	Introduction to Psychology	3
PSY 307	Industrial and Organizational Psychology	3
PSY 311	Social Psychology	3
PSY 340	Human Factors Psychology	3
PSY 345	Psychology and the African American Experience	3
PSY 376	Developmental Psychology	3
PSY 400	Perception	3
PSY 406	Psychology of Gender	3
PSY 411	The Psychology of Interdependence and Race	3
WGS 406	Psychology of Gender	3
Sociology		
ANT 261	Technology in Society and Culture	3
GEO 220	Cultural Geography	3
HON 295	Honors Special Topics-Social Science	3
SOC 202	Principles of Sociology	3
SOC 203	Current Social Problems	3
SOC 204	Sociology of Family	3
SOC 205	Jobs and Work	3

SOC 206	Social Deviance	3
SOC 220	Cultural Geography	3
SOC 241	Sociology of Agriculture and Rural Society	3
SOC 241A	Sociology of Agriculture and Rural Society	3
SOC 261	Technology in Society and Culture	3
WGS 204	Sociology of Family	3
Philosophy		
HON 294	Honors Special Topics-Humanities	3
HON 341	Time Travel	3
PHI 205	Introduction to Philosophy	3
PHI 214	Issues in Business Ethics	3
PHI 221	Contemporary Moral Issues	3
PHI 250	Thinking Logically	3
PHI 300	Ancient Philosophy	3
PHI 301	Early Modern Philosophy	3
PHI 302	19th Century Philosophy	3
PHI 305	Philosophy of Religion	3
PHI 310	Existentialism	3
PHI 312	Philosophy of Law	3
PHI 313	Ethical Problems in the Law	3
PHI 325	Bio-Medical Ethics	3
PHI 340	Philosophy of Science	3
PHI 375	Ethics	3
PHI 376	History of Ethics	3
STS 325	Bio-Medical Ethics	3
Religion		
AFS 343	African American Religions	3
HI 320	Religion in American History	3
HON 294	Honors Special Topics-Humanities	3
REL 200	Introduction to the Study of Religion	3
REL 210	Religious Traditions of the World	3
REL 230	Asian Religions	3
REL 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 320	Religion in American History	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 343	African American Religions	3
REL 350	Judaism	3
REL 383	Religion, Globalism, and Justice	3
REL 412	Advanced Readings in the Christian Gospels	3
REL 413	The Life and Letters of the Apostle Paul	3
REL 472	Women and Religion	3
REL 482	Religion and Conflict	3

REL 489	Interpretations of Religion	3	MUS 350	Music of Asia	3
SOC 309	Religion and Society	3	MUS 360	Women In Music	3
WGS 472	Women and Religion	3	TDE 351	Ceramics: The Art and Craft of Clay	3
Visual & Performing Arts			THE 103	Introduction to the Theatre	3
ADN 111	Introduction to Two-Dimensional Design	3	THE 203	Theory and Practice of Acting	3
ADN 112	Introduction to Three-Dimensional Design	3	WGS 360	Women In Music	3
AFS 230	Introduction to African-American Music	3	WL 216	Art and Society in France	3
AFS 260	History of Jazz	3	WLFR 318	The Heritage of French Cinema	3
ARC 140	Experiencing Architecture	3	WLGE 318	New German Cinema and Beyond	3
ARC 141	Introduction to Architectural History	3	WLSP 360	Hispanic Cinema	3
ARC 241	History of World Architecture	3	Additional Hum & Soc Sci		
ARS 251	The Arts of a World Capital: London	3	ADN 272	Introduction to Printing and Surface Design	3
ARS 252	The Arts of Vienna 1900	3	ADN 311	Art + Design Laboratory I	3
ARS 259	The Arts and Politics	3	ANT 310	Native Peoples and Cultures of North America	3
ARS 306	Music Composition with Computers	3	ANT 325	Andean South America	3
ARS 351	Arts, Ideas and Values	3	ANT 330	People and Cultures of Africa	3
ARS 353	Arts and Cross-Cultural Contacts	3	ANT 346	Peoples and Cultures of Southeast Asia	3
COM 364	History of Film to 1940	3	ANT 370	Introduction to Forensic Anthropology	3
COM 374	History of Film From 1940	3	ANT 371	Human Variation	3
D 231	Design History for Engineers and Scientists	3	ANT 431	Tourism, Culture and Anthropology	3
DAN 272	Dance Composition - Solo Forms	2	ANT 444	Cross-Cultural Perspectives on Women	3
ENG 282	Introduction to Film	3	ANT 460	Urban Anthropology	3
ENG 364	History of Film to 1940	3	ANT 531	Tourism, Culture and Anthropology	3
ENG 374	History of Film From 1940	3	ANT 544	Cross-Cultural Perspectives on Women	3
ENG 382	Film and Literature	3	ANT 560	Urban Anthropology	3
ENG 384	Introduction to Film Theory	3	ARC 141	Introduction to Architectural History	3
FTM 400	Major Fashion Designers	3	ARE 301	Intermediate Microeconomics	3
GC 120	Foundations of Graphics	3	ARE 309	Environmental Law & Economic Policy	3
GD 203	History of Graphic Design	3	ARE 311	Agricultural Markets	3
GD 303	Graphic Design Theory and Practice	3	ARE 336	Introduction to Resource and Environmental Economics	3
HA 201	History of Art from Caves to the Renaissance	3	ARE 433	U.S. Agricultural Policy	3
HA 202	History of Art From the Renaissance Through the 20th Century	3	COM 392	International and Crosscultural Communication	3
HA 203	History of American Art	3	COM 493	Advanced Topics in Public Relations	3
HA 401	19th Century European Art from Revolution to Post-Impressionism	3	EC 202	Principles of Macroeconomics	3
HA 404	Italian Renaissance Art and Material Culture	3	EC 301	Intermediate Microeconomics	3
HA 410	History of the Art of Photography	3	EC 302	Intermediate Macroeconomics	3
HON 299	Honors Special Topics - Visual and Performing Arts	3	EC 336	Introduction to Resource and Environmental Economics	3
LAR 444	History of Landscape Architecture	3	EC 348	Introduction to International Economics	3
MUS 103	Theory and Musicianship I	3	EC 404	Money, Financial Markets, and the Economy	3
MUS 105	Introduction to Music in Western Society	3	EC 410	Public Finance	3
MUS 180	Introduction to Musical Experiences	3	EC 413	Industrial Organization	3
MUS 200	Understanding Music: Global Perspectives	3	EC 431	Labor Economics	3
MUS 201	Introduction to Music Literature I	3	EC 449	International Finance	3
MUS 206	America's Music	3	HSS 392	International and Crosscultural Communication	3
MUS 230	Introduction to African-American Music	3	WGS 444	Cross-Cultural Perspectives on Women	3
MUS 260	History of Jazz	3	WGS 544	Cross-Cultural Perspectives on Women	3
MUS 306	Music Composition with Computers	3	Additional Hum & Soc Sci		
MUS 310	Music of the 17th and 18th Centuries	3	AFS 349	African Literature in English	3
MUS 315	Music of the 19th Century	3	AFS 448	African-American Literature	3
MUS 330	Survey of Musical Theater	3	AFS 548	African-American Literature	3

ENG 305	Women and Literature	3	WLHU 301	Twentieth Century Hindi & Urdu Fiction	3
ENG 324	Modern English Syntax	3	WLHU 302	Modern Hindi & Urdu Poetry	3
ENG 325	Spoken and Written Traditions of American English Dialects	3	WLSP 340	Introduction to Hispanic Literatures and Cultures	3
ENG 326	History of the English Language	3	WLSP 341	Literature and Culture of Spain I	3
ENG 349	African Literature in English	3	WLSP 342	Literature and Culture of Spain II	3
ENG 362	Studies in the British Novel	3	WLSP 343	Literature and Culture of Spain III	3
ENG 369	The American Novel of the 19th Century	3	WLSP 351	Literature and Culture of Latin America I	3
ENG 370	American Fiction, Twentieth Century and Beyond	3	WLSP 352	Literature and Culture of Latin America II	3
ENG 372	American Poetry, Twentieth Century and Beyond	3	WLSP 353	Literature and Culture of Latin America III	3
ENG 376	Science Fiction	3	Additional Hum & Soc Sci		
ENG 377	Fantasy	3	AFS 230	Introduction to African-American Music	3
ENG 380	Modern Drama	3	AFS 240	African Civilization	3
ENG 384	Introduction to Film Theory	3	AFS 241	Introduction to African American Studies	3
ENG 385	Biblical Backgrounds of English Literature	3	AFS 342	Introduction to the African Diaspora	3
ENG 390	Classical Backgrounds of English Literature	3	AFS 343	African American Religions	3
ENG/WL 394	Studies in World Literature	3	AFS 344	Leadership in African American Communities	3
ENG 399	Contemporary Literature	3	AFS 345	Psychology and the African American Experience	3
ENG/WL 406	Modernism	3	AFS 409	Black Political Participation in America	3
ENG/WL 407	Postmodernism	3	AFS 442	Issues in the African Diaspora	3
ENG 420	Major American Authors	3	ARS 351	Arts, Ideas and Values	3
ENG 439	Studies in English Renaissance Literature	3	COM 392	International and Crosscultural Communication	3
ENG 448	African-American Literature	3	HI 340	History of Agriculture	3
ENG 451	Chaucer	3	HI 485	History of American Technology	3
ENG 453	Studies in Nineteenth-Century British Literature	3	HI 585	History of American Technology	3
ENG 462	18th-Century English Literature	3	HSS 392	International and Crosscultural Communication	3
ENG 463	The Victorian Period	3	LAR 221	Introduction to Environment and Behavior for Designers	3
ENG 464	British Literature and the Founding of Empire	3	LAR 222	Perception and Behavior for Designers	3
ENG 465	British Literature and the Dissolution of Empire	3	LAR 444	History of Landscape Architecture	3
AND 467			MUS 153	Theory and Musicianship II	3
ENG 468	Studies in Nineteenth-Century American Literature	3	MUS 202	Introduction to Music Literature II	3
ENG 470	American Literature, Twentieth Century and Beyond	3	MUS 230	Introduction to African-American Music	3
ENG 476	Southern Literature	3	MUS 305	Music Composition	3
ENG 486	Shakespeare, The Earlier Plays	3	MUS 320	Music of the 20th-21st Centuries	3
ENG 487	Shakespeare, The Later Plays	3	MUS 350	Music of Asia	3
ENG 548	African-American Literature	3	MUS 360	Women In Music	3
ENG 551	Chaucer	3	PS 409	Black Political Participation in America	3
GD 203	History of Graphic Design	3	PSY 345	Psychology and the African American Experience	3
HI 366	Native American History	3	REL 343	African American Religions	3
HI 423	Women in European Enlightenment	3	STS 402	Peace and War in the Nuclear Age	3
HI 445	Early American Borderlands	3	WGS 200	Introduction to Women's, Gender, and Sexuality Studies	3
HI 459	The Early American Republic	3	WGS 360	Women In Music	3
HI 523	Women in European Enlightenment	3	WGS 492	Theoretical Issues in Women's, Gender, and Sexuality Studies	3
HI 545	Early American Borderlands	3	Additional HUM & Soc Sci		
HI 559	The Early American Republic	3	AFS 305	Racial and Ethnic Relations	3
HON 295	Honors Special Topics-Social Science	3	HI 320	Religion in American History	3
WGS 305	Women and Literature	3	HI 407	Islamic History to 1798	3
WLFR 301	Survey of French Literature from the Middle Ages through the Enlightenment	3	HI 408	Islam in the Modern World	3
WLFR 302	Survey of French Literature from Romanticism to the Contemporary Period	3	LPS 315	Public Leadership	3
WLGE 315	Germanic Civilization and Culture	3	PHI 309	Political Philosophy	3
			PHI 330	Metaphysics	3

PHI 331	Philosophy of Language	3
PHI 332	Philosophy of Psychology	3
PHI 333	Knowledge and Skepticism	3
PHI 425	Introduction to Cognitive Science	3
PHI 440	The Scientific Method	3
PRT 152	Introduction to Parks, Recreation, Tourism, and Event Management	3
PRT 200	Health, Wellness and the Pursuit of Happiness	3
PS 204	Problems of American Democracy	3
PS 241	Introduction to Comparative Politics	3
PS 301	The Presidency and Congress	3
PS 302	Campaigns and Elections in the US Political System	3
PS 303	Race in U.S. Politics	3
PS 309	Equality and Justice in United States Law	3
PS 335	International Law	3
PS 339	Politics of the World Economy	3
PS 341	European Politics	3
PS 361	Introduction to Political Theory	3
PS 362	American Political Thought	3
PS 431	The United Nations and Global Order	3
PS 433	Global Problems and Policies	3
PSY 312	Applied Psychology	3
PSY 425	Introduction to Cognitive Science	3
REL 309	Religion and Society	3
REL 320	Religion in American History	3
REL 327	Issues in Contemporary Religion	3
REL 331	The Hindu Tradition	3
REL 332	The Buddhist Traditions	3
REL 350	Judaism	3
REL 407	Islamic History to 1798	3
REL 408	Islam in the Modern World	3
REL 423	Religion and Politics in America	3
SOC 300	Social Research Methods	4
SOC 301	Human Behavior	3
SOC 304	Gender and Society	3
SOC 305	Racial and Ethnic Relations	3
SOC 306	Criminology	3
SOC 309	Religion and Society	3
SOC 311	Community Relationships	3
SOC 342	International Development	3
SOC 351	Population and Planning	3
SOC 381	Sociology of Medicine	3
SOC 400	Theories of Social Structure	3
SOC 401	Theories of Social Interaction	3
SOC 402	Urban Sociology	3
SOC 410	Sociology of Organizations	3
SOC 414	Social Class	3
SOC 418	Sociology of Education	3
WGS 200	Introduction to Women's, Gender, and Sexuality Studies	3

WGS 304	Gender and Society	3
WGS 406	Psychology of Gender	3

Philosophy/Religion/Art Electives

Code	Title	Hours
Philosophy		
HON 294	Honors Special Topics-Humanities	3
HON 341	Time Travel	3
PHI 205	Introduction to Philosophy	3
PHI 214	Issues in Business Ethics	3
PHI 221	Contemporary Moral Issues	3
PHI 250	Thinking Logically	3
PHI 300	Ancient Philosophy	3
PHI 301	Early Modern Philosophy	3
PHI 302	19th Century Philosophy	3
PHI 305	Philosophy of Religion	3
PHI 310	Existentialism	3
PHI 312	Philosophy of Law	3
PHI 313	Ethical Problems in the Law	3
PHI 325	Bio-Medical Ethics	3
PHI 340	Philosophy of Science	3
PHI 375	Ethics	3
PHI 376	History of Ethics	3
PHI 403	Continental Philosophy After 1900	3
STS 325	Bio-Medical Ethics	3
Religion		
AFS 343	African American Religions	3
HI 320	Religion in American History	3
HON 294	Honors Special Topics-Humanities	3
REL 200	Introduction to the Study of Religion	3
REL 210	Religious Traditions of the World	3
REL 230	Asian Religions	3
REL 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 320	Religion in American History	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 343	African American Religions	3
REL 350	Judaism	3
REL 383	Religion, Globalism, and Justice	3
REL 412	Advanced Readings in the Christian Gospels	3
REL 413	The Life and Letters of the Apostle Paul	3
REL 472	Women and Religion	3
REL 482	Religion and Conflict	3

REL 489	Interpretations of Religion	3
SOC 309	Religion and Society	3
WGS 472	Women and Religion	3
Visual & Performing Arts		
ADN 111	Introduction to Two-Dimensional Design	3
ADN 112	Introduction to Three-Dimensional Design	3
AFS 230	Introduction to African-American Music	3
AFS 260	History of Jazz	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 252	The Arts of Vienna 1900	3
ARS 259	The Arts and Politics	3
ARS 306	Music Composition with Computers	3
ARS 351	Arts, Ideas and Values	3
ARS 353	Arts and Cross-Cultural Contacts	3
COM 364	History of Film to 1940	3
COM 374	History of Film From 1940	3
D 231	Design History for Engineers and Scientists	3
DAN 272	Dance Composition - Solo Forms	2
ENG 282	Introduction to Film	3
ENG 364	History of Film to 1940	3
ENG 374	History of Film From 1940	3
ENG 382	Film and Literature	3
ENG 384	Introduction to Film Theory	3
FTM 400	Major Fashion Designers	3
GC 120	Foundations of Graphics	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 401	19th Century European Art from Revolution to Post-Impressionism	3
HA 404	Italian Renaissance Art and Material Culture	3
HA 410	History of the Art of Photography	3
HON 299	Honors Special Topics - Visual and Performing Arts	3
LAR 444	History of Landscape Architecture	3
MUS 103	Theory and Musicianship I	3
MUS 105	Introduction to Music in Western Society	3
MUS 180	Introduction to Musical Experiences	3
MUS 200	Understanding Music: Global Perspectives	3
MUS 201	Introduction to Music Literature I	3
MUS 206	America's Music	3
MUS 230	Introduction to African-American Music	3
MUS 260	History of Jazz	3
MUS 306	Music Composition with Computers	3
MUS 310	Music of the 17th and 18th Centuries	3
MUS 315	Music of the 19th Century	3
MUS 330	Survey of Musical Theater	3

MUS 350	Music of Asia	3
MUS 360	Women In Music	3
TDE 351	Ceramics: The Art and Craft of Clay	3
THE 103	Introduction to the Theatre	3
THE 203	Theory and Practice of Acting	3
WGS 360	Women In Music	3
WL 216	Art and Society in France	3
WLFR 318	The Heritage of French Cinema	3
WLSP 360	Hispanic Cinema	3

Science, Tech & Society Electives

Code	Title	Hours
Science, Tech & Society		
ANT 261	Technology in Society and Culture	3
ARE 336	Introduction to Resource and Environmental Economics	3
D 231	Design History for Engineers and Scientists	3
EC 336	Introduction to Resource and Environmental Economics	3
ENG 232	Literature and Medicine	3
ENG 376	Science Fiction	3
ENG 425	Analysis of Scientific and Technical Writing	3
HI 321	Scientific Revolution and European Society, 1500-1800	3
HI 322	Rise of Modern Science	3
HI 341	Technology in History	3
HI 423	Women in European Enlightenment	3
HI 440	American Environmental History	3
HI 481	History of the Life Sciences	3
HI 482	Darwinism in Science and Society	3
HI 483	Science and Religion in European History	3
HI 484	Science in European Culture	3
HI 485	History of American Technology	3
HI 523	Women in European Enlightenment	3
HI 540	American Environmental History	3
HI 581	History of the Life Sciences	3
HI 582	Darwinism in Science and Society	3
HI 583	Science and Religion in European History	3
HI 584	Science in European Culture	3
HI 585	History of American Technology	3
HON 296	Honors Special Topics - Interdisciplinary Perspectives	3
HON 310	The Creative Process in Science: Realities, Comparisons, and Culture Perceptions	3
IDS 201	Environmental Ethics	3
IDS 303	Humans and the Environment	3
IDS 490	Interdisciplinary Methods and Issues	3
NR 303	Humans and the Environment	3
NR 406	Conservation of Biological Diversity	3
PHI 325	Bio-Medical Ethics	3
PHI 340	Philosophy of Science	3
PHI 440	The Scientific Method	3
PS 314	Science, Technology and Public Policy	3

PS 336	Global Environmental Politics	3
PSY 312	Applied Psychology	3
REL 471	Darwinism and Christianity	3
SOC 261	Technology in Society and Culture	3
SOC 381	Sociology of Medicine	3
SOC 450	Environmental Sociology	3
STS 210	Women and Gender in Science and Technology	3
STS 214	Introduction to Science, Technology, and Society	3
STS 301	Science and Civilization	3
STS 302	Contemporary Science, Technology and Human Values	3
STS 304	Ethical Dimensions of Progress	3
STS 322	Technological Catastrophes	3
STS 323	World Population and Food Prospects	3
STS 325	Bio-Medical Ethics	3
STS 402	Peace and War in the Nuclear Age	3
STS 405	Technology and American Culture	3
STS 471	Darwinism and Christianity	3
STS 490	Issues in Science, Technology, and Society	3
WGS 210	Women and Gender in Science and Technology	3
WLFR 212	French: Language, Culture, and Technology	3
WLGE 212	German Language, Culture, Science, and Technology	3
WLSP 212	Spanish: Language, Technology, Culture	3

Non-English Culture

Code	Title	Hours
Intermediate World Lang		
WLAR 201	Intermediate Arabic I	3
WLAR 202	Intermediate Arabic II	3
WLAR 203	Intermediate Arabic Conversation I	1
WLAR 204	Intermediate Arabic Conversation II	1
WLAR 301	Advanced Intermediate Arabic I	3
WLAR 318	Egyptian Culture through Film	3
WLAR 330	Media Arabic	3
WLAR 440	Modern Arabic Short Story	3
WLCH 201	Intermediate Chinese I	3
WLCH 202	Intermediate Chinese II	3
WLCH 203	Intermediate Chinese I Conversation	1
WLCH 204	Intermediate Chinese II Conversation	1
WLCH 301	Intermediate Chinese III	3
WLCH 302	Intermediate Chinese IV	3
WLCH 351	Modern Chinese Popular Culture	3
WLCH 401	Advanced Chinese: Readings in Literature and Social Sciences	3
WLCH 402	Advanced Chinese: Readings in Literature and Science	3
WLFR 201	Intermediate French I	3
WLFR 202	Intermediate French II	3
WLFR 212	French: Language, Culture, and Technology	3
WLFR 301	Survey of French Literature from the Middle Ages through the Enlightenment	3

WLFR 302	Survey of French Literature from Romanticism to the Contemporary Period	3
WLFR 306	French Business Communication	3
WLFR 307	Business French	3
WLFR 308	Advanced Conversation: Contemporary French Cultures	3
WLFR 309	French Phonetics and Pronunciation	3
WLFR 310	Advanced Written Communication	3
WLFR 315	French Civilization and Culture	3
WLFR 318	The Heritage of French Cinema	3
WLFR 321	French Cultures and Contexts	3
WLFR 401	French Graduate Reading	3
WLFR 411	Approaches to French Translation	3
WLFR 425	Literature, Cinema and Culture of the Francophone World	3
WLFR 492	Seminar in French Studies	3
WLFR 502	Variety in Language: French	3
WLFR 511	Approaches to French Translation	3
WLFR 516	Art and Society in France	3
WLFR 520	Approaches to Literary Theory and Culture	3
WLFR 521	French Cultures and Contexts	3
WLFR 525	Literature, Cinema and Culture of the Francophone World	3
WLFR 592	Seminar in French Studies	3
WLFR 595	Special Topics in French	3-6
WLGE 201	Intermediate German I	3
WLGE 202	Intermediate German II	3
WLGE 212	German Language, Culture, Science, and Technology	3
WLGE 301	Advanced German	3
WLGE 302	German Oral and Written Expression	3
WLGE 307	Business German	3
WLGE 311	Introduction to German Translation	3
WLGE 318	New German Cinema and Beyond	3
WLGE 320	Introduction to German Literature	3
WLGE 323	Twentieth Century German Literature	3
WLGE 325	German Lyric Poetry	3
WLGE 390	German Studies Topics	3
WLGE 401	German Graduate Reading	3
WLGE 420	Current Issues in German-Language Media	3
WLGE 430	Cultural Artifacts in the German-Speaking Countries	3
WLGE 440	Green Germany: Nature and Environment in German Speaking Cultures	3
WLGE 492	Senior Seminar in German Studies	3
WLGE 499	Internship in Germany, Austria, or German-Speaking Switzerland	1-6
WLGR 201	Intermediate Greek I	3
WLGR 202	Intermediate Greek II	3
WLHU 201	Intermediate Hindi-Urdu I	3
WLHU 202	Intermediate Hindi-Urdu II	3
WLHU 203	Intermediate Hindi-Urdu I Conversation	1
WLHU 204	Intermediate Hindi-Urdu II Conversation	1

WLHU 301	Twentieth Century Hindi & Urdu Fiction	3	WLSP 401	Spanish Graduate Reading	3
WLHU 302	Modern Hindi & Urdu Poetry	3	WLSP 402	Introduction to Spanish Linguistics	3
WLIT 201	Intermediate Italian I	3	WLSP 405	Spanish-English Comparative Grammar	3
WLIT 202	Intermediate Italian II	3	WLSP 411	Topics in the Culture of Spain	3
WLIT 208	Italy Today: Media, Culture, and Society	3	WLSP 412	Topics in the Culture of Latin America and the Caribbean	3
WLIT 315	Made in Italy: Where Heritage, Culture & Culinary History blend with Technological Innovation	3	WLSP 413	Spain and the Americas in Transatlantic Perspective	3
WLIT 318	Italian Society Through Cinema	3	WLSP 492	Seminar in Hispanic Studies	3
WLJA 201	Intermediate Japanese I	3	WLSP 495	Advanced Study Abroad Programs in Spanish	3
WLJA 202	Intermediate Japanese II	3	WLSP 502	Linguistic Structure of Spanish	3
WLJA 203	Intermediate Japanese Conversation	1	WLSP 503	Spanish Applied Linguistics	3
WLJA 204	Intermediate Japanese II Conversation	1	WLSP 504	Spanish Language Change and Variation	3
WLJA 301	Intermediate Japanese III	3	WLSP 509	Spanish Phonetics and Phonology	3
WLJA 302	Intermediate Japanese IV	3	WLSP 512	Spanish in the United States	3
WLJA 342	Classical Japanese Literature in Translation	3	WLSP 515	History of Spanish Language	3
WLJA 344	Early Modern Japanese Literature in Translation	3	WLSP 520	Survey of Hispanic Literature and Culture	3
WLJA 345	Modern Japanese Literature in Translation	3	WLSP 528	Don Quixote	3
WLJA/ANT 351	Contemporary Culture in Japan	3	WLSP 530	The Cultural Production of Spanish Democracy	3
WLLA 201	Intermediate Latin I	3	WLSP 545	Spanish Environmental Cultural Studies	3
WLLA 202	Intermediate Latin II	3	WLSP 553	The Latin American Avant-Garde	3
WLPE 201	Intermediate Persian I	3	WLSP 554	The Sixties in Latin America	3
WLPE 202	Intermediate Persian II	3	WLSP 563	The Latin American Novel	3
WLPO 201	Intermediate Portuguese I	3	WLSP 592	Seminar in Hispanic Studies	3
WLPO 401	Brazilian Portuguese for Spanish Speakers	3	WLSP 595	Special Topics in Spanish	1-3
WLRU 201	Intermediate Russian I	3	Non-English Culture 1		
WLRU 202	Intermediate Russian II	3	AFS 275	Introduction to History of South and East Africa	3
WLRU 303	Russian Literature in Translation: The Nineteenth Century	3	AFS 276	Introduction to History of West Africa	3
WLRU 304	Russian Literature in Translation: The Twentieth Century	3	AFS 349	African Literature in English	3
WLRU 318	Russian Cinema and Society	3	ANT 252	Introduction to Cultural Anthropology	3
WLSP 201	Intermediate Spanish I	3	ANT 254	Introduction to Linguistic Anthropology	3
WLSP 202	Intermediate Spanish II	3	ANT 261	Technology in Society and Culture	3
WLSP 212	Spanish: Language, Technology, Culture	3	ANT 310	Native Peoples and Cultures of North America	3
WLSP 295	Intermediate Special Topics in Spanish	3	ANT 325	Andean South America	3
WLSP 331	Spanish Oral and Written Expression I	3	ANT 330	People and Cultures of Africa	3
WLSP 332	Spanish Oral and Written Expression II	3	ANT 346	Peoples and Cultures of Southeast Asia	3
WLSP 333	The Sounds of Spanish	3	ANT 444	Cross-Cultural Perspectives on Women	3
WLSP 335	Spanish for Native and Heritage Speakers	3	ANT 544	Cross-Cultural Perspectives on Women	3
WLSP 336	Spanish for Business	3	COM 392	International and Crosscultural Communication	3
WLSP 337	Spanish for Tourism in the Hispanic World	3	ENG/WL 219	Studies in Great Works of Non-Western Literature	3
WLSP 340	Introduction to Hispanic Literatures and Cultures	3	ENG/WL 220	Studies in Great Works of Western Literature	3
WLSP 341	Literature and Culture of Spain I	3	ENG/WL 221	Literature of the Western World I	3
WLSP 342	Literature and Culture of Spain II	3	ENG/WL 222	Literature of the Western World II	3
WLSP 343	Literature and Culture of Spain III	3	ENG/WL 223	Contemporary World Literature I	3
WLSP 351	Literature and Culture of Latin America I	3	ENG/WL 224	Contemporary World Literature II	3
WLSP 352	Literature and Culture of Latin America II	3	ENG 349	African Literature in English	3
WLSP 353	Literature and Culture of Latin America III	3	ENG/WL 394	Studies in World Literature	3
WLSP 360	Hispanic Cinema	3	GEO 220	Cultural Geography	3
WLSP 395	Study Abroad Programs in Spanish	3	HA 201	History of Art from Caves to the Renaissance	3
WLSP 399	Intensive Spanish Oral Proficiency Workshop	1	HA 401	19th Century European Art from Revolution to Post-Impressionism	3
WLSP 400	Methods and Techniques in Spanish Translation and Interpretation	3	HA 404	Italian Renaissance Art and Material Culture	3
			HI 205	Western Civilization Since 1400	3

HI 207	Ancient Mediterranean World	3	HI 409	The High Middle Ages	3
HI 208	The Middle Ages	3	HI 410	Italian Renaissance	3
HI 209	From Renaissance to Revolution: The Origins of Modern Europe	3	HI 415	The French Revolution	3
HI 215	Colonial Latin America	3	HI 418	Fascist Italy and Nazi Germany	3
HI 216	Modern Latin America	3	HI 419	Modern European Imperialism	3
HI 233	The World Since 1750	3	HI 421	European Intellectual History: The Eighteenth Century	3
HI 263	Asian Civilizations to 1800	3	HI 422	European Intellectual History: The 19th Century	3
HI 264	Modern Asia: 1800 to Present	3	HI 430	Modern France	3
HI 270	Modern Middle East	3	HI 467	Modern Mexico	3
HI 275	Introduction to History of South and East Africa	3	HI 469	Latin American Revolutions	3
HI 276	Introduction to History of West Africa	3	HI 471	Revolutionary China	3
HSS 392	International and Crosscultural Communication	3	HI 472	Fashion, Food, and Fun: Material Culture in Chinese History	3
SOC 220	Cultural Geography	3	HI 475	History of the Republic of South Africa	3
SOC 261	Technology in Society and Culture	3	HI 476	Leadership in Modern Africa	3
WGS 444	Cross-Cultural Perspectives on Women	3	HI 477	Women in the Middle East	3
WGS 544	Cross-Cultural Perspectives on Women	3	HI 500	Civilization of the Ancient Near East	3
WL 216	Art and Society in France	3	HI 503	Ancient Greek Civilization	3
WLFR 201	Intermediate French I	3	HI 504	Rome to 337 A.D.	3
WLFR 302	Survey of French Literature from Romanticism to the Contemporary Period	3	HI 505	History and Archaeology of the Roman Empire	3
WLFR 315	French Civilization and Culture	3	HI 509	The High Middle Ages	3
WLFR 318	The Heritage of French Cinema	3	HI 511	Trials of Faith: Religious Reformation in Early-Modern Europe	3
WLGE 315	Germanic Civilization and Culture	3	HI 514	From Kings to Revolution: The History of Early-Modern France	3
WLGE 318	New German Cinema and Beyond	3	HI 515	The French Revolution	3
WLGE 323	Twentieth Century German Literature	3	HI 518	Fascist Italy and Nazi Germany	3
WLGE 325	German Lyric Poetry	3	HI 519	Modern European Imperialism	3
WLHU 301	Twentieth Century Hindi & Urdu Fiction	3	HI 521	European Intellectual History: The Eighteenth Century	3
WLHU 302	Modern Hindi & Urdu Poetry	3	HI 522	European Intellectual History: The 19th Century	3
WLRU 303	Russian Literature in Translation: The Nineteenth Century	3	HI 530	Modern France	3
WLRU 304	Russian Literature in Translation: The Twentieth Century	3	HI 569	Latin American Revolutions	3
WLSP 360	Hispanic Cinema	3	HI 571	Revolutionary China	3
Non-English Culture 2			HI 576	Leadership in Modern Africa	3
AFS 343	African American Religions	3	HSS 392	International and Crosscultural Communication	3
AFS 475	History of the Republic of South Africa	3	MUS 315	Music of the 19th Century	3
AFS 476	Leadership in Modern Africa	3	MUS 350	Music of Asia	3
AFS 575	History of the Republic of South Africa	3	PS 342	Politics of China and Japan	3
AFS 576	Leadership in Modern Africa	3	PS 345	Governments and Politics in the Middle East	3
ANT 261	Technology in Society and Culture	3	REL 210	Religious Traditions of the World	3
ARS 252	The Arts of Vienna 1900	3	REL 230	Asian Religions	3
ARS 353	Arts and Cross-Cultural Contacts	3	REL 309	Religion and Society	3
COM 392	International and Crosscultural Communication	3	REL 311	Introduction to the Old Testament	3
GEO 220	Cultural Geography	3	REL 312	Introduction to the New Testament	3
HI 332	Germany and the World Wars	3	REL 314	Introduction to Intertestamental Literature	3
HI 400	Civilization of the Ancient Near East	3	REL 327	Issues in Contemporary Religion	3
HI 402	Early Christianity to the Time of Eusebius	3	REL 331	The Hindu Tradition	3
HI 403	Ancient Greek Civilization	3	REL 332	The Buddhist Traditions	3
HI 404	Rome to 337 A.D.	3	REL 333	Chinese Religions	3
HI 406	From Roman Empire to Middle Ages	3	REL 334	Japanese Religions	3
HI 407	Islamic History to 1798	3	REL 343	African American Religions	3
HI 408	Islam in the Modern World	3			

REL 402	Early Christianity to the Time of Eusebius	3
REL 407	Islamic History to 1798	3
REL 408	Islam in the Modern World	3
REL 412	Advanced Readings in the Christian Gospels	3
REL 413	The Life and Letters of the Apostle Paul	3
REL 472	Women and Religion	3
SOC 220	Cultural Geography	3
SOC 261	Technology in Society and Culture	3
SOC 309	Religion and Society	3
SOC 342	International Development	3
SOC 351	Population and Planning	3
WGS 472	Women and Religion	3
WLSP 340	Introduction to Hispanic Literatures and Cultures	3
WLSP 341	Literature and Culture of Spain I	3
WLSP 342	Literature and Culture of Spain II	3
WLSP 343	Literature and Culture of Spain III	3
WLSP 351	Literature and Culture of Latin America I	3
WLSP 352	Literature and Culture of Latin America II	3
WLSP 353	Literature and Culture of Latin America III	3

Advanced Communications Electives Semester Sequence

This is a sample.

First Year

Fall Semester		Hours
CH 101	Chemistry - A Molecular Science ²	3
CH 102	General Chemistry Laboratory ²	1
ENG 111	²	3
MA 141	Calculus I ²	4
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		3
Hours		14

Spring Semester

CH 201	Chemistry - A Quantitative Science	3
CH 202	Quantitative Chemistry Laboratory	1
PY 205 & PY 206	Physics for Engineers and Scientists I and Physics for Engineers and Scientists I Laboratory ²	4
ENG 112	²	3
MA 241	Calculus II ²	4
Hours		15

Second Year

Fall Semester		
CSC 112	Introduction to Computing-FORTRAN	3
MA 242	Calculus III	4
NE 201	Introduction to Nuclear Engineering	2
PY 208 & PY 209	Physics for Engineers and Scientists II and Physics for Engineers and Scientists II Laboratory	4
Humanities Elective		3
Hours		16

Spring Semester

CE 213		3
MA 341	Applied Differential Equations I	3
NE 202	Radiation Sources, Interaction and Detection ²	4
H&SS Elective		3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1
Hours		14

Third Year

Fall Semester

MAE 201	Thermal-Fluid Sciences	3
MA 401	Applied Differential Equations II	3
NE 301	Fundamentals of Nuclear Engineering ²	4
ISE 311	Engineering Economic Analysis	3
GEP Requirement (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/)		3
Hours		16

Spring Semester

NE 401	Reactor Analysis and Design	4
MSE 201	Structure and Properties of Engineering Materials	3
H&SS Elective		3
Free Elective		3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)		1
Hours		14

Fourth Year

Fall Semester

NE 402	Reactor Engineering	4
NE 404	Radiation Safety and Shielding	3
H&SS Elective		3
Free Electives		6
Hours		16

Spring Semester

NE 405	Reactor Systems	3
NE 409	Nuclear Materials	3
H&SS Elective		3
Free Electives		6
Hours		15
Total Hours		120

¹ A grade of C or higher is required.

² A grade of C- or higher is required.

Career Opportunities

Career Titles

- Aeronautical & Aerospace Engineer
- Aerospace Engineering Technician
- Agricultural Engineer

- Airport Engineer
- Automotive Engineer
- Biomedical Engineer
- Ceramic Engineer
- Chemical Engineer
- Civil Engineer
- Civil Engineering Technician
- Clinical Data Managers
- Computer Network Architects
- Computer Systems Engineer
- Cost Analysis Engineer
- Cost Estimator
- Electronics Engineer
- Energy Engineer
- Engineering Professor
- Environmental Engineer
- Factory Layout Engineer
- Fire Prevention Engineer
- Human Factors Engineers and Ergonomists
- Industrial Engineer
- Industrial Engineering Technician
- Industrial Safety and Health Engineer
- Irrigation Engineer
- Logistics Engineers
- Marine Engineer
- Marine Surveyor
- Materials Engineer
- Mechanical Engineer
- Mechanical Engineering Technician
- Meteorologist
- Mining Engineer
- Model Maker
- Natural Sciences Managers
- Nuclear Engineer
- Nuclear Fuels Research Engineer
- Operating Engineer
- Petroleum Engineer
- Photogrammetrist
- Physicist
- Product Safety Engineer
- Quality Control Managers
- Radiation Protection Engineer
- Sanitary Engineer
- Ship Engineers
- Software Developers - Applications
- Soil Engineer
- Solar Energy Systems Designer
- Solar Energy Systems Engineers
- Sound Engineering Technicians
- Structural Engineer
- Surveying Technicians
- Surveyor

- Sustainability Specialists
- Tool and Machine Designer
- Transportation Engineer
- Urban and Regional Planner
- Wind Energy Engineer

Learn More About Careers

NCcareers.org (<https://nccareers.org/>)

Explore North Carolina's central online resource for students, parents, educators, job seekers and career counselors looking for high quality job and career information.

Occupational Outlook Handbook (<https://www.bls.gov/ooh/>)

Browse the Occupational Outlook Handbook published by the Bureau of Labor Statistics to view state and area employment and wage statistics. You can also identify and compare similar occupations based on your interests.

Career One Stop Videos (<https://www.careeronestop.org/>)

View videos that provide career details and information on wages, employment trends, skills needed, and more for any occupation. Sponsored by the U.S. Department of Labor.

Focus 2 Career Assessment (<https://careers.dasa.ncsu.edu/explore-careers/career-assessments/>) (NC State student email address required)

This career, major and education planning system is available to current NC State students to learn about how your values, interests, competencies, and personality fit into the NC State majors and your future career. An NC State email address is required to create an account. Make an appointment with your career counselor (<https://careers.dasa.ncsu.edu/about/hours-appointments/>) to discuss the results.

Focus 2 Apply Assessment (<https://www.focus2career.com/Portal/Register.cfm?SID=1929>) (Available to prospective students)

A career assessment tool designed to support prospective students in exploring and choosing the right major and career path based on your unique personality, interests, skills and values. Get started with Focus 2 Apply and see how it can guide your journey at NC State.