

# ELECTRICAL & COMPUTER ENGINEERING DEGREES

## ARTS & HUMANITIES / SOCIAL SCIENCES

### 2015-2016 ELECTIVES

**Note: For diverse cultures requirement you need either (2-purple) or (1-purple and 1-gold)**

#### ARTS & HUMANITIES (6-7 Credits)

##### ART

- 160 (3) Introduction to Visual Culture
- 260 (3) Art History Survey I
- 261 (3) Art History Survey II
- 413 (3) Scandinavian Art
- 416 (3) Art of Africa, the Americas, and the South Pacific
- 460 (3) Ancient Art
- 462 (3) Renaissance Art
- 463 (3) Mannerism to Romanticism
- 466 (3) Realism to Postmodernism
- 467 (3) Art of the Islamic World
- 469 (3) Asian Art

##### ENGLISH

- 112W (4) Introduction to Poetry & Drama
- 113W (4) Introduction to Prose Literature
- 320 (4) British Literature to 1785
- 321 (4) British Literature: 1785 to Present
- 325 (3) Children's Literature
- 327 (4) American Literature to 1865
- 328 (4) American Literature: 1860 to the Present
- 381 (4) Introduction to English Linguistics
- 402 (2-4) Gender in Literature
- 405 (2) Shakespeare: Comedies and Histories
- 406 (2) Shakespeare: Tragedies
- 478 (4) Technical and Scientific Literature
- 479 (4) Rhetorical Theory Applied to Technical Documents
- 481 (4) History of the English language

##### FRENCH

- 200 (2-4) Entry-Level Intermediate French
- 201 (4) Intermediate French I
- 202 (4) Intermediate French II
- 204 (2-4) Advanced Intermediate French
- 211 (1-3) Intermediate Readings
- 214 (1-3) Paris et L'ILE de France
- 215 (1-3) Composition
- 216 (1-4) Conversation
- 217 (1-3) Modern France
- 218 (1) On Y Va
- 261 (1-3) Conversation and Pronunciation
- 293 (1-6) Supervised Study in French-Speaking Countries
- 301 (3) Third-Year Vocabulary Review
- 302W (2-4) Composition
- 304 (3) Third-Year Grammar Review
- 305 (1-4) France Today
- 313 (1-4) Third-Year French
- 314 (1-3) Paris et L'ILE de France
- 315 (1-3) Composition
- 316 (1-4) Conversation
- 317 (1-3) Modern France
- 318 (1-4) Introduction to Business French
- 320 (1-3) French Seminar
- 322 (1-3) Listening Comprehension & Pronunciation
- 323 (2-4) French Phonetics & Applied Linguistics
- 350 (3) Introduction to French Literature

- Diverse Cultures Courses (PURPLE)
- Diverse Cultures Courses (GOLD)

366 (1-6) Oral Communication

##### FRENCH (CONTINUED)

- 393 (1-6) Supervised Study in French-Speaking Countries
- 402 (3-4) French Civilization
- 404 (2-4) French Syntax
- 405 (2-4) Business French I
- 406 (2-4) Business French II
- 414 (1-3) Paris et L'ILE de France
- 415 (1-3) Composition
- 416 (1-4) Conversation
- 417 (1-3) Modern France
- 420 (1-4) French Seminar
- 432 (1-4) French Literature I
- 442 (1-4) French Literature II
- 452 (1-4) French Literature III
- 494 (1-6) Supervised French Study

##### GERMAN

- 150W (4) The German-speaking Countries: An Interdisciplinary Introduction
- 201 (4) Intermediate German I
- 202 (4) Intermediate German II
- 293 (1-4) Supervised Foreign Study: Intermediate
- 340 (1-4) Topics in Language
- 341 (4) Composition and Conversation
- 342 (1-4) Selected Readings
- 343 (1-4) German Civilization
- 393 (1-6) Supervised Foreign Study
- 441 (4) Conversation and Composition
- 442 (1-4) German Literature
- 443 (1-4) Topics in German Studies
- 445 (1-4) Topics in German Linguistics
- 493 (1-6) Supervised Foreign Study

##### HISTORY

- 155 (3) History of the Family in America
- 170 or 170W (4) Ancient World Civilization to 1500
- 171 or 171W (4) World Civilization, 1500-Present
- 180 or 180W (4) European History to 1648
- 181 or 181W (4) European History: 1648 to the Present
- 190 or •190W (4) United States to 1877
- 191 or •191W (4) United States Since 1877
- 260 or •260W (4) Introduction to Traditional East Asian Civilization
- 302 (4) World History: An Overview
- 390 (1) Readings for Honors: United States History
- 391 (1) Readings for Honors: European History
- 392 (1) Readings for Honors: World History
- 401 (4) Classical World of Greece and Rome
- 402 (4) Foundations of Judaism, Christianity, and Islam
- 403 (4) The Middle Ages
- 406 (4) Social History of the Renaissance and Reformation Europe
- 407 (4) The Age of Absolutism and Enlightenment
- 408 (4) History of Women in Preindustrial Europe
- 409 (4) Social History of Preindustrial Europe
- 412 (4) Modern Germany since 1500
- 414 (4) Early England to 1603
- 415 (4) England since 1603
- 419 (4) France since the Revolution in 1789
- 421 (4) Modern Russia
- 424 (4) Scandinavian History

- 427 (4) Eastern Europe
- 430 (1-4) United States: Selected Topics
- 431 (1-4) European History: Selected Topics
- 432 (1-4) World History: Selected Topics

### **HISTORY (CONTINUED)**

- 434 (4) East Asian History: 1800-1945
- 435 (4) East Asian History: 1945 – The Present
- 436 (4) History of East Asian Relations with the United States
- 437 (4) African History to 1800
- 438 (4) Modern Africa
- 442 (4) History of Latin America
- 452 (4) Minnesota History
- 454 (4) Early America to 1763
- 455 (4) Revolutionary and Early National America 1763-1820
- 458 (4) U.S. History 1820-1861
- 459 (4) U.S. History 1861-1900
- 462 (4) U.S. History 1900-1945
- 463 (4) U.S. History 1945-Present
- 465 (4) History of U.S. Foreign Relations, 1775-1900
- 466 (4) History of U.S. Foreign Relations in the Twentieth Century
- 468 (4) U.S. Constitutional History to 1896
- 469 (4) U.S. Constitutional History from 1896
- 470 (4) American Frontier
- 471 (4) 20<sup>th</sup> Century American West
- 476 (4) Comparative Slavery and Emancipation
- 477 (3) Advanced African-American History
- 478 (4) America in Vietnam
- 481 (4) U.S. Civil Rights since 1945
- 483 (4) American Social and Cultural History
- 484 (4) American Labor History
- 485 (4) History of American Immigration and Ethnicity
- 486 (4) American Environmental History
- 487 (4) United States Women's History

### **HUMANITIES**

- 150 (4) Western Humanities I: Beginnings through the Renaissance
- 151 (4) Western Humanities II: Renaissance through the Present
- 155 (4) Global Humanities I
- 156 (4) Global Humanities II
- 250 (2-4) or 250W (4) Perspectives in Humanities
- 280 (2-4) or 280W (4) Humanities Traditions
- 281W (4) Human Diversity and Humanities Traditions
- 282W (4) Global Perspectives and Humanities Traditions

### **MASS MEDIA**

- 110 (4) Introduction to Mass Communications
- 260 (4) Principles of Visual Mass Media
- 411 (4) Mass Media Ethics and Press Criticism
- 412 (4) Mass Media History

### **MUSIC**

- 120 (3) Introduction to Music
- 125 (3) Pop Music USA: Jazz to Country to Blues
- 126 (3) Pop Music USA: R&B to MTV
- 127 (3) Survey of American Popular Music
- 321W (3) Music Literature and History I
- 322W (3) Music Literature and History II
- 422 (3) Music of the Renaissance
- 423 (3) Music of the Baroque Era
- 424 (3) Music of the Classic Period
- 425 (3) Music of the 19th Century
- 426 (3) Music of the Modern Era
- 432 (3) Contemporary Theory

### **PHILOSOPHY**

- 100W (3) Introduction to Philosophy
- 101W (3) Philosophical Problem: the Mind-Body Problem
- 110 (3) Logic and Critical Thinking
- 112 (3) Logic of Scientific Method
- 115W (3) Philosophy of Race, Class and Gender
- 120W (3) Introduction to Ethics
- Diverse Cultures Courses (PURPLE)
- Diverse Cultures Courses (GOLD)

- 205W (3) Culture, Identity and Diversity
- 222W (3) Medical Ethics
- 224W (3) Business Ethics
- 226W (3) Environmental Ethics
- 240W (3) Law, Justice & Society
- 311 (3) Symbolic Logic
- 321W (3) Social and Political Philosophy

### **PHILOSOPHY (CONTINUED)**

- 322W (3) Ethical Theory
- 334W (3) History of Philosophy: Classical Philosophy
- 336W (3) History of Philosophy: Renaissance & Modern Philosophy
- 337 (3) 19th Century Philosophy
- 338 (3) American Philosophy
- 358W (3) Eastern Philosophy
- 361 (3) Philosophy of Religion
- 410 (3) Philosophy of Language
- 437 (3) Contemporary Philosophy
- 440 (3) Philosophy of Law
- 445 (3) Feminist Philosophy
- 450 (1-3) Special Topics
- 455 (3) Existentialism and Phenomenology
- 460 (3) Philosophy of the Arts
- 465 (3) Philosophy of Film
- 474 (3) Philosophy of the Mind
- 475 (3) Philosophical Issues in Cognitive Science
- 480 (3) Philosophy of Science
- 481 (3) Philosophy of Biology
- 482 (3) Philosophy of Social Science

### **SPANISH**

- 201 (4) Intermediate Spanish I
- 202 (4) Intermediate Spanish II
- 210W (4) Composition and Conversation
- 256 (1-6) Individual Study Abroad: Supervised Project
- 293 (1-6) Individual Study Abroad: Intermediate Spanish I
- 294 (1-6) Individual Study Abroad: Intermediate Spanish II
- 301 (1-4) Topics in Language
- 310 (1-4) Conversation and Composition
- 311W (4) Intensive Reading and Writing for Spanish Speakers
- 355 (1-4) Spanish Civilization
- 356 (1-4) Latin American Civilization
- 365 (1-4) Selected Readings
- 393 (1-6) Individual Study Abroad: Advanced Spanish I
- 394 (1-6) Individual Study Abroad: Advanced Spanish II
- 401 (1-4) Topics in Linguistics
- 402 (1-4) Topics in Spanish Peninsular Literature
- 403 (1-4) Topics in Spanish American Literature
- 493 (1-6) Ind. Study Abroad: Topics in Language and Linguistics
- 494 (1-6) Ind. Study Abroad: Topics in Spanish American Lit
- 495 (1-6) Ind. Study Abroad: Topics in Spanish Peninsular Literature
- 496 (1-6) Ind. Study Abroad: Topics in Spanish American Culture

### **COMMUNICATION STUDIES**

- 203 (4) Intercultural Communication
- 300 (4) Ethics and Free Speech
- 315 (4) Effective Listening
- 403 (4) Gender and Communication
- 412 (4) Organizational Communication

### **THEATRE ARTS**

- 100 (3) Introduction to Theatre
- 115 (3) Experiencing Theatre
- 252 (3) Theatre Technology
- 285W (3) Theatre of Diversity
- 481 (3) Theatre History I
- 481 (3) Theatre History II
- 483 (3) Musical Theatre History

## **SOCIAL SCIENCES 6-7 Credits**

### **ANTHROPOLOGY**

- 101 (4) Introduction to Anthropology
- 102 (4) Ancient Peoples
- 120 (3) Forensic Science: An Anthropological Approach
- 210 (4) Introduction to Archaeology
- 220 (4) Human Origins
- 230 (4) People: An Anthropological Perspective
- 240 (4) Language and Culture
- 250W (4) Portraits of Culture
- 280 (3) Engaged Anthropology: Service Learning
- 285 (1-3) Special Topics
- 290 (1-3) Exploratory Studies
- 300 (3) Introduction to Anthropology Methods
- 311 (3) Ancient Egypt
- 323 (3) Primate Behavior
- 331 (3) Environmental Anthropology
- 332 (3) Anthropology of Religion
- 333 (3) Ethnographic Film
- 410 (3) Archaeology of Minnesota
- 411 (3) Archaeology of Native North America
- 412 (3) Archaeology of Latin America
- 414 (3) Museology
- 415 (3) Cultural Resource Management
- 420 (3) Human Osteology
- 421W (3) Health, Culture, and Disease
- 422 (3) Forensic Anthropology
- 423 (3) Evolution and Behavior
- 430 (3) Peoples and Cultures of Latin America
- 431 (3) Applied Cultural Research
- 432 (3) Kinship, Marriage and Family
- 433 (3) Anthropology of Gender
- 435 (3) Origins of Civilization
- 436W (3) Anthropology of Aging
- 437 (3) Applied Anthropology
- 438W (3) Anthropological Theory
- 439 (3) Qualitative Research Methods
- 443W (3) People and Cultures of East Asia

### **ECONOMICS**

- 201 (3) Principles of Macroeconomics
- 202 (3) Principles of Microeconomics
- 314W (3) Current Economic Issues
- 403 (3) Labor Economics
- 406 (3) Economics of Unions
- 411 (3) Urban Economics
- 412 (3) Resource and Environmental Economics
- 420 (3) International Economics
- 440 (3) Public Finance
- 450 (3) Economic Development

*NOTE – Students cannot take both Econ 201 and Econ 202 to satisfy SS credits*

### **ETHNIC STUDIES**

- 100 (3) American Racial Minorities
- 101 (3) Introduction to Multicultural & Ethnic Studies
- 150 (3) Multi-Cultural/Ethnic Experience
- 200 (3) Interracial/Interethnic Dating/Marriage
- 201W (3) Perspectives on African Americans
- 202W (3) Perspectives on American Indians in Ethnic Studies
- 203W (3) Perspectives on Asian Americans
- 204W (3) Perspectives on Latinos/Hispanics
- 220W (3) Civil Rights in the U.S.
- 300W (3) American Indian Leaders
- 330 (3) Immigration and Ethnicity
- 400 (3) Cultural Pluralism
- 410 (3) Foundations of Oppression
- 420 (3) African American Studies
- 430 (3) American Indian Studies
- 440 (3) Asian American Studies
- 450 (3) Latino/Hispanic Studies
- 460 (3) Urban Minority Problems
  
- Diverse Cultures Courses (PURPLE)
- Diverse Cultures Courses (GOLD)

- 470 (3) Women of Color
- 480 (3) Social Justice in Ethnicity & Gender
- 482 (3) African American Civil Rights Movement
- 486 (3) Racial and Ethnic Politics
- 490 (3) Racial/Ethnic Families in the U.S.

### **GEOGRAPHY**

- 100 (3) Elements of Geography
- 101 (3) Introductory Physical Geography
- 103 (3) Introductory Cultural Geography
- 313 (3) Natural Disasters
- 315 (3) Geomorphology
- 340 (3) United States
- 341 (3) World Regional Geography
- 425 (3) Economic Geography
- 430 (3) Historical Geography of the United States
- 435 (3) Urban Geography
- 437 (3) Political Geography
- 445 (3) Latin America
- 446 (3) Canada
- 450 (3) Europe
- 454 (3) Russian Realm
- 456 (3) Africa
- 474 (4) Introduction to Remote Sensing

### **POLITICAL SCIENCE**

- 100 (3) Introduction to Politics
- 101 (3) Introduction to Public Life
- 103W (3) Thinking About Politics
- 104 (3) Understanding the U.S. Constitution
- 106 (3) Politics in the World Community
- 111 (3) United States Government
- 201 (1-3) Issues in Politics
- 221 (3) Introduction to Political Analysis
- 231 (3) World Politics
- 234 (3) Model United Nations
- 241 (3) Introduction to Comparative Politics
- 260 (3) Introduction to Public Administration
- 311 (3) Ancient and Medieval Political Philosophy
- 312 (3) Early Modern Political Philosophy
- 313 (3) Modern Political Philosophy
- 321 (3) Democracy and Citizenship
- 361 (3) Public Budgeting
- 371 (3) State and Local Government
- 410 (1-4) Topics in Political Philosophy
- 414 (3) Early United States Political Thought
- 415 (3) Recent United States Political Thought
- 416 (3) Nonwestern Political Philosophy
- 423 (3) Political Parties
- 424 (3) Women & Politics
- 425 (3) Terrorism & Political Violence
- 426 (3) Racial and ethnic Politics
- 427 (3) Political Psychology
- 430 (1-4) Topics in International Relations
- 431 (3) International Relations
- 432 (3) International Law
- 433 (3) International Organization
- 434 (3) United States Foreign Policy
- 435 (3) Capitalism, Nationalism, and Democracy
- 436 (3) International Political Economy
- 437 (3) International Conflict Resolution
- 438 (3) International Relations of East Asia
- 439 (3) Comparative Social Policy: The Welfare State in Europe and the Americas
- 440 (1-4) Topic in Comparative Politics
- 441 (3) Russia and Neighboring States Politics
- 442 (3) South Asia: Politics and Policy
- 443 (3) Middle East Politics
- 444 (3) Latin American Politics
- 445 (3) Asia Pacific Rim: Politics & Policy
- 446 (3) African Politics
- 447 (3) Europe: Politics & Policy
- 448 (3) Political Development and Change

449 (3) Comparative Criminal Justice Systems  
450 (1-4) Topics in Public Law  
451 (3) Administrative Law  
452 (3) Jurisprudence  
453 (3) Constitutional Law  
454 (3) Civil Liberties  
455 (3) American Legal Philosophy

#### **POLITICAL SCIENCE (CONTINUED)**

460 (1-4) Topics in Public Policy/Administration  
461 (3) Environmental Politics  
462 (3) Collective Bargaining: Public Sector  
463 (3) Public Personnel Administration  
464 (3) Aging: Policy Issues  
470 (1-4) Topics in Institutions and Process  
471 (3) Public Opinion and Polling Methods  
472 (3) Urban Government  
473 (3) Legislative Process  
474 (3) Executive Process  
475 (3) Judicial Process  
476 (3) Southern Politics  
480 (3) Topics in Political Methods

#### **PSYCHOLOGY**

101 (4) Psychology  
103W (3) Psychology Today  
206 (4) The Human Mind  
211 or 211W (4) Research Methods and Design  
••230 (3) Child Care Psychology  
240 (3) Personal Adjustment  
289 (3) Psychology and the Law  
340 (4) Social Psychology  
405 (4) Motivation  
409 (4) History and Systems  
413 (4) Sensation & Perception  
414 (4) Learning  
415 (4) Human Memory  
419 (4) Psychometric Theory  
420 (4) Drugs and Behavior  
421 (4) Biopsychology  
423 (4) Neuroscience  
433 (4) Child Psychology  
436 (4) Adolescent Psychology  
442 (3) Group Psychology  
443 (3) Advanced Social Psychology  
455 (4) Abnormal Psychology  
456 (3) Personality Theories  
•460W (3) Psychology of Women  
461 (3) Marketing Psychology  
463 (4) Survey of Industrial/Organizational Psychology  
466 (3) Psychology of Aging

#### **SOCIOLOGY**

•101 or •101W (3) Introduction to Sociology  
•150 (3) Social Problems  
200 (3) Foundations of Sociology  
•208 (3) Courtship, Marriage and Family  
•209 (3) Sociology of Human Sexualities  
255 (3) Juvenile Delinquency  
307 (3) Sex and Gender in Contemporary Society  
351 (3) Social Psychology  
402 (3) Medical Sociology  
403 (3) Sociology of Mental Health  
•404 (3) Sociology of Aging

405 (3) Sociology of Death  
407 (3) Population Dynamics  
409 (3) Family Violence  
417 (3) Program Administration

#### **SOCIOLOGY (CONTINUED)**

423 (3) Complex Organizations  
425 (3) Social Movements  
•430 (3) Sociology of Capitalism  
441 (3) Social Deviance  
442 (3) Criminology  
•446 (3) Race, Culture & Ethnicity  
451 (3) Law & Social Justice in Society  
458 (3) Sociological Theory  
•460 (3) Environmental Sociology  
•461 (3) Urban Sociology  
•463 (3) Social Stratification  
465 (3) Law and Chemical Dependency  
479 (3) Sociological Ethnography  
480 (3) Qualitative Methods  
482 (3) Social Change  
483 (3) The Family and Society  
484 (3) Sociology of Religion

#### **URBAN & REGIONAL STUDIES**

100 (3) Introduction to the City  
110 (3) The City: Design and Architecture  
150 (3) Sustainable Communities  
230 or 230W (3) Community Leadership  
260 (3) Community Development  
401 (3) Foundations in Urban Management & Planning  
402 (3) Urban Analysis  
411 (3) Urban Policy Analysis  
412 (3) Public Information and Involvement  
413 (3) Urban Program Evaluation  
415 (3) Urban Housing Policy  
417 (3) Urban Law  
431 (3) Urban Design Principles  
433 (3) Urban Development  
435 (3) Downtown Revitalization  
437 (3) Urban Heritage Preservation  
438 (3) Historic Preservation: Policy and Field Methods  
450 (3) The Urban Context  
451 (3) Nonprofit Sector  
453 (3) Grants Administration  
455 (3) Regional & County Development  
457 (3) Economic Development  
461 (3) Environmental Planning  
471 (3) Urban Transportation

- Diverse Cultures Courses (PURPLE)
- Diverse Cultures Courses (GOLD)