

## **Department of Mechanical and Civil Engineering** **Arts and Humanities/Social Sciences (H/SS) Electives**

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### **Required Arts and Humanities and Social Sciences Electives (minimum 16 Credits)**

In the interest of making engineers fully aware of their social responsibilities and better able to consider related factors in the decision-making process, course work in the humanities and social sciences is required as an integral part of our mechanical and civil engineering programs. To satisfy this requirement, the courses selected must provide both breadth and depth, as described below. Only a select number of non-skill building courses in the humanities and social sciences are acceptable. Courses may be chosen to satisfy the university cultural diversity requirement simultaneously with the program H/SS requirements. Each student should discuss the selection of courses to meet these requirements with his/her academic advisor early in their academic career.

Specifically, the 16-credit minimum requirements include:

- a. at least 6 credits in the humanities
- b. at least 9 credits in the social sciences, of which 3 must be either microeconomics or macroeconomics
- c. (a) and (b) must total at least 16 credits
- d. to provide the measure of depth to the course of the study, at least 3 credits at the 300-level or above must be included in the 16 credit requirement and must follow a course taken in the same subject area as a course at the 100- or 200-level.

The list of acceptable H/SS electives is given below.

### **University Diverse Cultures Graduation Requirement**

All MSU undergraduate students must satisfy the Diverse Cultures credit requirement for graduation. For the 2012-2013 bulletin, students pursuing a baccalaureate degree must take at least one "Purple" course and one "Gold" course, or two "Purple" courses. Future bulletins will require one of each.

The courses listed in the list of approved general education courses meeting the Diverse Cultures purple and gold designation are indicated by "P" and "G" to the left of each course.

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# Acceptable H/SS Electives

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## ARTS AND HUMANITIES

### ART

- 100(3) Elements and Principles of Art
- P 160(3) Introduction to Visual Culture
- P 260(3) Art History Survey I
- 261(3) Art History Survey II
- 413(3) Scandinavian Art
- P 416(3) Art of Africa, the Americas, and the South Pacific
- 417(3) Medieval Art and Architecture
- 419(3) Gender in Art
- 460(3) Ancient Art
- 462(3) Renaissance Art
- 463(3) Mannerism to Romanticism
- 466(3) Realism to Postmodernism
- P 467(3) Art of the Islamic World
- P 469(3) Asian Art

### COMMUNICATION DISORDERS

- 206(3) Intermediate Sign Language
- 207(3) Advanced Sign Language I
- P 290(3) Introduction to Communication Disorders

### COMMUNICATION STUDIES

- 202(3) Nonverbal Communication
- P 203(3) Intercultural Communication
- 300(3) Ethics and Free Speech
- P 403(3) Gender and Communication

### ELECTRONIC ENGINEERING TECHNOLOGY

- P 125(3) Perspective on Technology

### ENGLISH

- 110(4) Introduction to Literature
- 112W(4) Introduction to Poetry and Drama
- 113W(4) Introduction to Prose Literature
- P 118(4) Diverse Cultures in Literature and Film
- P 211W(4) Perspectives in Literature, Film, and Human Diversity
- 212W(4) Perspectives in World Literature/Film
- 213W(4) Perspectives: Ethics and Civic Responsibility in Literature/Film
- 275W(4) Introduction to Literary Studies
- 320(4) British Literature to 1785
- 321(4) British Literature: 1785-Present
- 327(4) American Literature to 1865
- 328(4) American Literature: 1860 to the Present
- P 402(2-4) Gender in Literature
- 405(2) Shakespeare: Comedies and Histories
- 406(2) Shakespeare: Tragedies
- P 433(4) Selected Studies in World Literature
- 435(2-4) The World Novel
- P 436(2-4) Native American Literature
- P 438(2-4) African American Literature
- P 448(4) Contemporary Literature

### FRENCH

- 102(5) Elementary French II
- 201(4) Intermediate French I
- 202(4) Intermediate French II
- 204(2-4) Advanced Intermediate French
- 214(1-3) Paris et L'Île 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
- 302W(2-4) Composition
- 305(1-4) France Today
- 313(1-4) Third-Year French
- 314(1-3) Paris et L'Île de France
- 315(1-3) Composition
- 316(1-4) Conversation
- 317(1-3) Modern France
- 318(1-4) Introduction to Business French
- 350(3) Introduction to French Literature
- 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'Île de France
- 415(1-3) Composition
- 416(1-4) Conversation
- 417(1-3) Modern France
- 432(1-4) French Literature I
- 442(1-4) French Literature II
- 452(1-4) French Literature III

### GERMAN

- 102(4) Elementary German II
- 201(4) Intermediate German I
- 202(4) Intermediate German II
- 341(4) Composition and Conversation
- 343(1-4) German Civilization
- 441(4) Conversation and Composition
- 442(1-4) German Literature
- 445(1-4) Topics in German Linguistics

**HISTORY**

- P 155(3) History of the Family in America  
 P 160(4) Introduction to Traditional East Asian Civilization  
 170(4) Ancient World Civilization to 1500  
 P 171(4) World Civilization, 1500-Present  
 180(4) European History to 1648  
 181(4) European History: 1648 to the Present  
 P 190(4) United States to 1877  
 P 191(4) United States Since 1877  
 302(4) World History: An Overview  
 401(4) Classical World of Greece & Rome  
 402(4) Foundations of Judaism, Christianity & Islam  
 403(4) The Middle Ages  
 406(4) Social History of 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  
 434(4) East Asian History: 1800-1945  
 P 435(4) East Asian History: 1945-Present  
 436(4) History of East Asian Relations with the United States  
 P 437(4) African History to 1800  
 P 438(4) Modern Africa  
 442(4) History of Latin American  
 452(4) Minnesota History  
 P 454(4) Early America to 1763  
 P 455(4) Revolutionary & Early National America 1763-1820  
 P 458(4) U.S. History 1820-1861  
 P 459(4) U.S. History 1861-1900  
 P 462(4) U.S. History 1900-1945  
 463(4) U.S. History 1945-Present  
 465(4) History of U.S. Foreign Relations, 1775-1900  
 P 470(4) American Frontier  
 P 471(4) 20th Century American West  
 P 476(4) Comparative Slavery and Emancipation  
 477(3) Advanced African-American History  
 P 478(4) America in Vietnam  
 483(3) American Social and Cultural History  
 484(4) American Labor History  
 485(4) History of American Immigration and Ethnicity  
 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  
 P 156(4) Global Humanities II  
 250W(4) Perspectives in Humanities  
 280W(4) Humanities Traditions  
 P 281W(4) Human Diversity and Humanities Traditions  
 P 282W(4) Global Perspectives and Humanities Traditions

**HONORS**

- 401(1-4) Honors Seminar (H or SS, depending on the topic)

**MASS MEDIA**

- P 110(4) Introduction to Mass Media  
 411(4) Mass Media Ethics Criticism  
 412(4) Mass Media History

**MUSIC**

- 120(3) Introduction to Music  
 P 125(3) Pop Music USA: Jazz to Country to Blues  
 P 126(3) Pop Music USA: R&B to MTV  
 220(3) History of Jazz  
 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

**PHILOSOPHY**

- 100W(3) Introduction to Philosophy  
 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  
 205W(3) Culture, Identity, and Diversity  
 222W(3) Medical Ethics  
 224W(3) Business Ethics  
 226W(3) Environmental Ethics  
 321W(3) Social & Political Philosophy  
 334W(3) History of Philosophy: Classical Philosophy  
 336W(3) Hist. of Phil.: Renaissance and Modern Philosophy  
 337(3) 19th Century Philosophy  
 338(3) American Philosophy  
 P 358W(3) Eastern Philosophy  
 361(3) Philosophy of Religion  
 400(3) The Philosophy of Immanuel Kant  
 410(3) Philosophy of Language  
 437(3) Contemporary Philosophy  
 445(3) Feminist Philosophy  
 455(3) Existentialism & Phenomenology  
 460(3) Philosophy of the Arts  
 474(3) Philosophy of the Mind  
 480(3) Philosophy of Science  
 481(3) Philosophy of Biology

**SCANDINAVIAN STUDIES**

- 102(4) Elementary Norwegian II  
 112(4) Elementary Swedish II  
 P 150W(4) The Nordic Countries; Interdisciplinary Introduction  
 292(1-4) Intermediate Norwegian I  
 293(1-4) Intermediate Norwegian II  
 294(1-4) Intermediate Swedish I  
 295(1-4) Intermediate Swedish II  
 460(4) Topics in Scandinavian Film

**SPANISH**

- 102(4) Elementary Spanish II  
 201(4) Intermediate Spanish I  
 202(4) Intermediate Spanish II  
 210W(1-4) Composition and Conversation  
 310(1-4) Conversation and Composition  
 355(1-4) Spanish Civilization  
 356(1-4) Latin American Civilization  
 402(1-4) Topics in Spanish Peninsular Literature  
 403(1-4) Topics in Spanish American Literature

**THEATRE**

- 100(3) Introduction to Theatre  
 P 285W(3) Theatre of Diversity  
 481(3) Theatre History I  
 482(3) Theatre History II  
 483(3) Musical Theatre History

**WORLD LANGUAGES AND CULTURES**

- 107(5) Elementary Mandarin II

## SOCIAL SCIENCES

### AMERICAN INDIAN STUDIES

- P 101(3) Introduction to American Indians Studies
- P 220W(3) Tribal Sovereignty
- P 230W(3) American Indians of Minnesota
- P 240W(3) American Indian Women
- P 340(3) American Indians in Film
- P 370(3) American Indian Spirituality
- 410(3) American Indian Folklife

### ANTHROPOLOGY

- P 101(4) Introduction to Anthropology
- 102(4) Ancient Peoples
- 220(4) Human Origins
- G 230(4) People: An Anthropological Perspective
- G 240(4) Language and Culture
- 311(3) Ancient Egypt
- 333(3) Ethnographic Film
- 410(3) Archaeology of Minnesota
- 411(3) Archaeology of Native North America
- 412(3) Archaeology of Latin America
- 430(3) Peoples and Cultures of Latin America

### ECONOMICS

- 201(3) Principles of Macroeconomics
- 202(3) Principles of Microeconomics
- 305(3) Money and Banking
- 314W(3) Current Economic Issues
- 403(3) Labor Problems
- 406(3) Collective Bargaining
- 411(3) Urban Economics
- 412(3) Resource and Environmental Economics
- 440(3) Public Finance
- 450(3) Economic Development

### ETHNIC STUDIES

- P 100(3) American Racial Minorities
- P 101(3) Introduction to Multicultural & Ethnic Studies
- G 150(3) Multi-Cultural/Ethnic Experience
- 200(3) Interracial/Interethnic Dating/Marriage
- P 201W(3) Perspectives on African Americans
- 202W(3) Perspectives on American Indians
- P 203W(3) Perspectives on Asian Americans
- P 204W(3) Perspectives on Latinos/Hispanics
- P 220W(3) Civil Rights in the U.S.
- P 300W(3) American Indian Leaders
- 400(3) Cultural Pluralism
- P 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
- P 460(3) Urban Minority Problems
- P 470(3) Women of Color
- 480(3) Social Justice in Ethnicity & Gender
- 490(3) Racial/Ethnic Families in the U.S.

### GEOGRAPHY

- 101(3) Introductory Physical Geography
- P 103(3) Introductory Cultural Geography
- 340(3) United States
- 341(4) World Regional Geography
- 342(3) Geography of Minnesota
- 425(3) Economic Geography
- 430(3) Historical Geography of the United States
- 435(3) Urban Geography
- 436(3) Rural Geography
- 437(3) Political Geography
- 438(3) Social Geography
- 445(3) Latin America
- 446(3) Canada
- 450(3) Europe
- 454(3) Russian Realm
- 456(3) Africa
- 458(3) Geography of East Asia

### HONORS

- 401(1-4) Honors Seminar (H or SS, depending on the topic)

### POLITICAL SCIENCE

- 100(3) Introduction to Politics
- 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
- 231(3) World Politics
- 241(3) Introduction to Comparative Politics
- 311(3) Ancient & Medieval Political Philosophy
- 312(3) Modern Political Philosophy
- 313(3) Contemporary Political Philosophy
- 321(2) Democracy and Citizenship
- 361(3) Public Budgeting
- 371(3) State and Local Government
- 414(3) Early United States Political Thought
- 415(3) Recent United States Political Thought
- 416(3) Nonwestern Political Philosophy
- 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
- 441(3) Russia & 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 & Change
- 449(3) Comparative Criminal Justice System
- 451(3) Administrative Law
- 452(3) Jurisprudence
- 453(3) Constitutional Law
- 454(3) Civil Liberties
- 461(3) Environmental Politics
- 462(3) Collective Bargaining: Public Sector
- 464(3) Aging: Policy Issues
- 472(3) Urban Government
- 473(3) Legislative Process
- 474(3) Executive Process
- 475(3) Judicial Process
- 476(3) Southern Politics

**PSYCHOLOGY**

- 101(4) Psychology
- 206(3) The Human Mind
- 240(3) Personal Adjustment
- 340(4) Social Psychology
- 420(4) Drugs and Behavior
- 436(4) Adolescent Psychology
- 441(3) Attitudes
- 442(3) Group Psychology
- 458(3) Cultural Psychology
- P 460W(3) Psychology of Women
- 466(3) Psychology of Aging

**SOCIAL WORK**

- 190W(3) Social Welfare Services
- P 255(3) Global Responses to Human Need
- 412(3) Social Welfare Issues & Politics
- 420(3) Women's Issues in Social Work

**SOCIOLOGY**

- P 101(3) Introduction to Sociology
- P 150(3) Social Problems
- P 208(3) Courtship, Marriage & Family
- P 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
- P 404(3) Sociology of Aging
- 405(3) Sociology of Death
- 407(3) Population Dynamics
- 408(3) Family Life Dynamics
- 409(3) Family Violence
- 425(3) Social Movements
- P 430(3) Sociology of Capitalism
- 441(3) Social Deviance
- 442(3) Criminology
- P 446(3) Race, Culture & Ethnicity
- 451(3) Law & Social Justice in Society
- 458(3) Sociological Theory
- P 461(3) Urban Sociology
- P 463(3) Social Stratification
- 465(3) Law & Chemical Dependency
- 470(3) Sociology of Parent-Child Interaction
- 479(3) Sociological Ethnography
- 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(3) Community Leadership
- 415(3) Urban Housing Policy
- 417(3) Urban Law
- 471(3) Urban Transportation