ARts and Sciences

**Anthropology**

Linguistic Anthropology Minor

The minor in linguistic anthropology consists of a minimum of 20 credit hours (five courses), as follows:

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 104 | Introduction to Linguistic Anthropology | 4 | F |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 101 | Introduction to Cultural Anthropology | 4 | F, Sp |
| ANTH 102 | Introduction to Archaeology | 4 | F, Sp |
| ANTH 103 | Introduction to Biological Anthropology | 4 | Sp |

THREE ADDITIONAL COURSES from the following list (TWO must be from ANTH):

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 310 | Language and Culture | 4 | Alternate years |
| ANTH 349 | Visual Anthropology | 4 | Alternate years |
| ANTH 402 | Evolution of the Capacity for Culture | 4 | Alternate years |
| ANTH 484 | Anthropology Field School: Anthropological Linguistics | 4-8 | As needed |
| COMM 242 | Message, Media, and Meaning | 4 | F |
|  |  |  |  |
|  |  |  |  |
| PHIL 205W | Introduction to Logic | 4 | F, Sp |

Total Credit Hours: 20-24

**Communication**

C. Public and Professional Communication

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 208 | Public Speaking | 4 | F, Sp |
| COMM 251W | Research Methods in Communication | 4 | F, Sp |
| COMM 351 | Persuasion | 4 | F, Sp |
| COMM 461 | Public and Professional Capstone | 4 | Sp |

SEVEN COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 230 | Interpersonal Communication | 4 | F |
| COMM 256 | Human Communication and New Technology | 4 | Sp |
| COMM 332 | Gender and Communication | 4 | F |
| COMM 333 | Intercultural Communication | 4 | As needed |
| COMM 336 | Health Communication | 4 | Sp |
| COMM 353 | Political Communication | 4 | Annually |
| COMM 354 | Communication and Civic Engagement | 4 | Sp |
| COMM 356 | Group Decision Making | 4 | Sp |
|  |  |  |  |
| COMM 412 | Strategies in Fundraising and Development | 4 | As needed |
| COMM 452 | Conflict Resolution | 4 | As needed |
| COMM 454 | Organizational Communication | 4 | Annually |
|  |  |  |  |
| COMM 479 | Communication Internship | 4 | F, Sp, Su |

Subtotal: 44

**Gender and Women’s Studies**

Gender and Women’s Studies B.A.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| GEND 200W | Gender and Society | 4 | F, Sp |
| GEND 201W | Introduction to Feminist Inquiry | 4 | F |
| GEND 352 | Feminist Theory | 4 | F |
| GEND 400 | Internship in Gender and Women’s Studies | 4 | As needed |
| GEND 461 | Seminar in Race, Gender, and Class | 4 | Sp |

FIVE COURSES: Two of these courses must be on the topics of labor and class, race/ethnicity or sexuality studies.

|  |  |  |  |
| --- | --- | --- | --- |
| GEND 205 | Introduction to Queer Theory | 4 | F |
| GEND 350 | Topics | 4 | As needed |
| GEND 351 | Men and Masculinities | 4 | As needed |
| GEND 353 | The Holocaust: Women and Resistance | 4 | As needed |
| GEND 355 | Women and Madness | 4 | Alternate years |
|  |  |  |  |
| GEND 357 | Gender and Sexuality | 4 | F |
| GEND 358 | Gender-Based Violence | 4 | Alternate years |
| ART 461 | Seminar in Art History | 3 | F, Sp |
| Gender and Women’s Studies MinorCourse RequirementsThe minor in gender and women’s studies consists of a minimum of 18 credit hours (five courses) as follows:Courses

|  |  |  |  |
| --- | --- | --- | --- |
| GEND 200W | Gender and Society | 4 | F, Sp |
| GEND 201W | Introduction to Feminist Inquiry | 4 | F |

THREE COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| GEND 353 | The Holocaust: Women and Resistance | 4 | As needed |
| GEND 355 | Women and Madness | 4 | Alternate years |
|  |  |  |  |
| GEND 357 | Gender and Sexuality | 4 | F |
| GEND 358 | Gender-Based Violence | 4 | Alternate years |
| ART 461 | Seminar in Art History | 3 | F, Sp |
| COMM 332 | Gender and Communication | 4 | F |
| ENGL 324 | Literature by Women | 4 | As needed |
| ENGL 326 | Studies in African American Literature | 4 | As needed |
| FNED 246 | Schooling for Social Justice | 4 | F, Sp, Su |
| HIST 217 | American Gender and Women’s History | 3 | Annually |
| HIST 234 | Challenges and Confrontations: Women in Europe | 3 | As needed |

 |  |  |  |

Global Studies B.A.

Course Requirements

Art, Literature, Communication

|  |  |  |  |
| --- | --- | --- | --- |
|  | ONE COURSE from: |  |  |
| COMM 348 | Global Communication | 4 | F |
| ENGL 335 | Literatures of the World to 1500 | 4 | As needed |
| ENGL 336 | Reading Globally | 4 | As needed |
| FILM 353 | National Cinemas | 4 | Alternate years |
| FREN 313 | Modern France and the Francophone World | 4 | Alternate years |
| FREN 323 | Survey of French Literature from the Middle Ages to 1789 | 4 | Alternate years |
| FREN 324 | Survey of French Literature from 1789 to the Present | 4 | Alternate years |
|  |  |  |  |
| ITAL 322 | Italian Literature and Civilization Post-Renaissance | 4 | Alternate years |
| MLAN 360 | Seminar in Modern Languages | 3 | Annually |
| PORT 302 | Portuguese Literature and Culture | 4 | Alternate years |
| PORT 303 | Insular Literatures and Cultures | 4 | Alternate years |
| PORT 304 | Brazilian Literature and Culture | 4 | Alternate years |
| PORT 305 | Lusophone African Literatures and Cultures | 4 | As needed |
| SPAN 310 | Spanish Literature and Culture: Pre-Eighteenth Century | 4 | F |

:

Additional prerequisites:

\*COMM 348 has COMM 240

\*ENGL 335 and 336 have ENGL 200, ENGL 200W, or ENGL 201

\*FILM 353 has FILM 116, or consent of program director.

\*FREN 313, FREN 323, and FREN 324 have FREN 202 or FREN 202W, or consent of department chair.

\* ITAL 322 has ITAL 202, or consent of department chair.

\*MLAN 360 has completion of two 300-level courses and one cognate course in a modern languages concentration and an overall GPA of 2.67.

\*PORT 302, PORT 303, PORT 304, and PORT 305 have PORT 202 or PORT 202W, or consent of department chair.

**Liberal Studies**

Liberal Studies B.A.

**Retention Requirement:** A 2.0 GPA across all courses counted toward the major is required for graduation.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| LIBS 261 | Introduction to Liberal Studies | 4 | Annually |
| LIBS 461W | Liberal Studies Seminar | 4 | Annually |

EIGHT ADDITIONAL COURSES chosen in consultation with a Liberal Studies Advisor.

At least one course must come from four of the five areas listed below, and no more than four courses may come from any one area or department. At least four of the courses must be at the 300-level or above. Connections courses, and courses that have been used to fulfill the student’s General Education requirements may not be counted toward the major.

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Social Sciences

Choose from courses in Africana Studies, Anthropology, Economics, Geography, International Non-Governmental Organizations, Non Profit Studies, Political Science, Psychology, Sociology, Gender and Women’s Studies or any of the following courses:

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 230 | Interpersonal Communication | 4 | F |
| COMM 240 | Mass Media and Society | 4 | F, Sp, Su |
| COMM 332 | Gender and Communication | 4 | F |
| COMM 333 | Intercultural Communication | 4 | As needed |
| COMM 340 | Media Ethics | 4 | Sp |
| COMM 347 | Media Law | 4 | Sp |
| COMM 351 | Persuasion | 4 | F, Sp |
| COMM 353 | Political Communication | 4 | Annually |
| COMM 354 | Communication and Civic Engagement | 4 | Sp |
| COMM 356 | Group Decision Making | 4 | Sp |
| COMM 357 | Public Opinion and Propaganda | 4 | F, Su |
|  |  |  |  |

Total Credit Hours: 41-52

**Modern Languages**

Latin American Studies Minor

Requirements

The minor in Latin American Studies consists of 18-20 credit hours, as follows:

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 105 | Multiple Voices: Latin America in the World | 4 | F, Sp, Su |

TWO COURSES from either SPAN or PORT sequences (both in the same language):

|  |  |  |  |
| --- | --- | --- | --- |
| SPAN 113 | Intermediate Spanish | 4 | F, Sp, Su |
|  |  |  |  |
| SPAN 115 | Literature of the Spanish-Speaking World | 4 | F, Sp |
| SPAN 201W | Conversation and Composition | 4 | F, Sp |
| SPAN 202W | Composition and Conversation | 4 | F, Sp |
| PORT 113 | Intermediate Portuguese | 4 | Sp |
| PORT 114 | Readings in Intermediate Portuguese | 4 | F |
| PORT 115 | Literature of the Portuguese-Speaking World | 4 | F, Sp |
| PORT 201W | Conversation and Composition | 4 | F |
| PORT 202W | Composition and Conversation | 4 | Sp |

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School of business

**HEALTH CARE ADMINISTRA TION B.S.**

Cognates

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
| BIOL 108 | Basic Principles of Biology | 4 | F, Sp, Su |
|  |   |  |  |
| COMM 230 | Interpersonal Communication | 4 | F |
| ENGL 230W | Workplace Writing | 4 | F, Sp, Su |
| MATH 177 | Quantitative Business Analysis | 4 | F, Sp, Su |
| MATH 240 | Statistical Methods I | 4 | F, Sp, Su |
| PSYC 221W | Research Methods I: Foundations | 4 | F, Sp, Su |

Note: BIOL 108: Fulfills the Natural Science category of General Education.

Note: MATH 177, MATH 240: Fulfills the Mathematics category of General Education.

Note: Up to 8 credit hours may simultaneously fulfill General Education requirements.

**Total Credit Hours: 83-88**

School of education

Community and Public Health Promotion B.S.

Admission Requirements

1. Completion of 24 credits.

2. Minimum G.P.A. 2.75.

3. Completion of College Math Competency.

4. Minimum grade of B in FYW 100.

5. Minimum of B- in HPE 102 and HPE 202.

6. Submission of HPE 202 Faculty Reference Form.

Retention Requirements

1. A minimum cumulative G.P.A. of 2.75 each semester.

2. A minimum grade of B- in all other required program courses, except for BIOL 108, BIOL 231, BIOL 240, BIOL 335, and PSYC 110 or PSYC 215, which, when needed, require a minimum grade of C.

Note: BIOL 108 fulfills the Natural Science category of General Education.

Note: BIOL 335 fulfills the Advanced Quantitative/Scientific Reasoning category of General Education.

Course Requirements

Core Foundation Courses

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 108 | Basic Principles of Biology | 4 | F, Sp, Su |
| BIOL 231 | Human Anatomy | 4 | F, Sp, Su |
| BIOL 240 | Biostatistics | 4 | As needed |
| BIOL 335 | Human Physiology | 4 | F, Sp, Su |
| HPE 101 | Human Sexuality | 3 | F, Sp, Su |
| HPE 102 | Human Health and Disease | 3 | F, Sp, Su |
| HPE 202W | Community/Public Health and Health Promotion | 3 | F, Sp |
| HPE 221 | Nutrition | 3 | F, Sp |
| HPE 233 | Social and Global Perspectives on Health | 3 | F, Sp, Su |
| HPE 303W | Research in Community and Public Health | 3 | F, Sp |
| HPE 307 | Introduction to Epidemiology | 3 | F, Sp |
| HPE 410 | Managing Stress and Mental/Emotional Health | 3 | F, Sp |
|  |   |  |  |
| HPE 431 | Drug Education | 3 | F |
|  | -Or- |  |  |
| PSYC 217 | Drugs and Chemical Dependency | 4 | F, Sp |
|  |   |  |  |
| PSYC 110 | Introduction to Psychology | 4 | F, Sp, Su |
|  | -Or- |  |  |
| PSYC 215 | Social Psychology | 4 | F, Sp, Su |

Professional Courses

|  |  |  |  |
| --- | --- | --- | --- |
| HPE 300 | Health Education and Health Promotion Pedagogy | 3 | F, Sp |
| HPE 406 | Program Planning in Health Promotion | 3 | Sp or as needed |
| HPE 419 | Practicum in Community and Public Health | 3 | F |
| HPE 426W | Internship in Community and Public Health | 10 | F, Sp, Su |
| HPE 429 | Seminar in Community and Public Health | 2 | F, Sp, Su |

Concentrations

Choose Concentration A, B or C below.

A. Health and Aging

|  |  |  |  |
| --- | --- | --- | --- |
| GRTL 314 | Health and Aging | 4 | F, Sp, Su |
| SOC 217 | Sociology of Aging | 4 | F, Sp, Su |
| SOC 320 | Aging and the Law | 4 | Annually |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 336 | Health Communication | 4 | Sp |
|  |  |  |  |
| NPST 300 | Institute in Nonprofit Studies | 4 | F |
| PSYC 339 | Psychology of Aging | 4 | Annually |
| SOC 314 | The Sociology of Health and Illness | 4 | Annually |

Subtotal: 84-85

C. Women’s Health

|  |  |  |  |
| --- | --- | --- | --- |
| GEND 200W | Gender and Society | 4 | F, Sp |
| GEND 201W | Introduction to Feminist Inquiry | 4 | F |
| HPE 416/GEND 416 | Women’s Health | 4 | Annually |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 332 | Gender and Communication | 4 | F |
| COMM 336 | Health Communication | 4 | Sp |
| GEND 355 | Women and Madness | 4 | Alternate years |
|  |  |  |  |
| GEND 357 | Gender and Sexuality | 4 | F |
| GEND 358 | Gender-Based Violence | 4 | Alternate years |
| NPST 300 | Institute in Nonprofit Studies | 4 | F |
| PSYC 356 | Psychology of Gender | 4 | F, Sp |
| SOC 342 | Women, Crime, and Justice | 4 | F, Sp |

Wellness and Exercise Science B.S.

Admission Requirements

1. Completion of 24 credits.

2. Minimum G.P.A. of 2.75.

3. Completion of College Math Competency.

4. Minimum Grade of B in FYW 100.

5. Minimum of B- in HPE 140 and HPE 205.

6. Submission of HPE 205 Faculty Reference Form.

Retention Requirements

1. A minimum cumulative G.P.A. of 2.75 each semester.

2. A minimum grade of B- in all other required program courses, except for BIOL 108, BIOL 231, BIOL 335, and PSYC 110 or PSYC 215, which, when needed, require a minimum grade of C.

Note: BIOL 108 fulfills the Natural Science category of General Education.

Note: BIOL 335 fulfills the Advanced Quantitative/Scientific Reasoning category of General Education.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 108 | Basic Principles of Biology | 4 | F, Sp, Su |
| BIOL 231 | Human Anatomy | 4 | F, Sp, Su |
| BIOL 335 | Human Physiology | 4 | F, Sp, Su |
|  |   |  |  |
| ENGL 230W | Workplace Writing | 4 | F, Sp, Su |
|  | -Or- |  |  |
| MKT 201W | Introduction to Marketing | 4 | F, Sp, Su |
|  |   |  |  |
| HPE 102 | Human Health and Disease | 3 | F, Sp, Su |
| HPE 140 | Foundations: Physical Education and Exercise Science | 3 | F, Sp |
| HPE 201 | Prevention and Care of Athletic Injuries | 3 | Sp |
| HPE 205 | Conditioning for Personal Fitness | 3 | F, Sp |
| HPE 221 | Nutrition | 3 | F, Sp |
| HPE 233 | Social and Global Perspectives on Health | 3 | F, Sp, Su |
| HPE 243 | Motor Development and Motor Learning | 3 | F, Sp |
| HPE 278 | Coaching Skills and Tactics | 3 | F, Sp |
| HPE 301W | Principles of Teaching Activity | 3 | F, Sp |
| HPE 303W | Research in Community and Public Health | 3 | F, Sp |
| HPE 309W | Exercise Prescription | 3 | F |
| HPE 406 | Program Planning in Health Promotion | 3 | Sp or as needed |
| HPE 410 | Managing Stress and Mental/Emotional Health | 3 | F, Sp |
| HPE 411 | Kinesiology | 3 | F, Su |
| HPE 420 | Physiological Aspects of Exercise | 3 | F, Sp |
| HPE 421 | Senior Lecture: Wellness and Exercise Science | 3 | F |
| HPE 427 | Internship in Wellness and Exercise | 10 | F, Sp, Su |
| HPE 430 | Seminar in Wellness and Exercise | 2 | F, Sp, Su |
|  |   |  |  |
| PSYC 110 | Introduction to Psychology | 4 | F, Sp, Su |
|  | -Or- |  |  |
| PSYC 215 | Social Psychology | 4 | F, Sp, Su |

TWO COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| HPE 244 | Group Exercise Instruction | 3 | Sp |
| HPE 307 | Introduction to Epidemiology | 3 | F, Sp |
| HPE 308 | The Science of Coaching | 3 | Sp |
| HPE 310 | Strength and Conditioning for the Athlete | 3 | F |
| HPE 404 | School Health and Physical Education Leadership | 3 | Sp |
| HPE 408 | Coaching Applications | 3 | F |
|  |  |  |  |
| SOC 217 | Sociology of Aging | 4 | F, Sp, Su |

Total Credit Hours: 85-87

**COURSE DESCRIPTIONS:**

# AFRI - Africana Studies

AFRI 200 - Introduction to Africana Studies (4)

This is a transdisciplinary survey of key issues in the life and history of peoples of African descent and their interaction with other peoples and world cultures.

General Education Category: Social and Behavioral Sciences.

Offered: Fall, Spring, Summer (as needed).

# ANTH - Anthropology

ANTH 118 - Anthropology (3)

Students will explore the evolution and biological variation of humans as well as the development and diversity of human culture.

Offered: As needed.

ANTH 233W - Methods in Anthropology (4)

Students are introduced to multiple qualitative and quantitative methods for data collection and analysis, and instruction on spoken and written communication, with emphasis on ethnographic and observed data. This is a Writing in the Discipline (WID) course.

Prerequisite: Completion of at least three of the following courses: ANTH 101, ANTH 102, ANTH 103, ANTH 104.

Offered: Spring.

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ANTH 309 - Medical Anthropology (4)

Anthropological approaches and results in the study of health and illness are surveyed as social, cultural, and biological phenomena.

Prerequisite: One of the following: ANTH 101, BIOL 112, HPE 233, HCA 201 or NURS 201, PSYC 230, or SOC 217; or consent of department chair.

Offered: Alternate years.

ANTH 311 - North American Archaeology (4)

North American history from the first peopling of the continent to modern times is examined, including migration patterns, subsistence, environmental and social change, technology and social life.

Prerequisite: ANTH 102 or consent of department chair.

Offered: Alternate years.

ANTH 312 - Archaeology of Mesopotamia and South Asia (4)

# BIOL - Biology

BIOL 100 - Fundamental Concepts of Biology (4)

Unifying concepts from various levels of biological organization are considered. This course is for students pursuing studies other than the natural sciences. Lecture and laboratory. 6 contact hours. Not open to biology and clinical laboratory science majors. Students cannot receive credit for both BIOL 100 and BIOL 109.

General Education Category: Natural Science.

Prerequisite: Completed college mathematics competency.

Offered: Fall, Spring, Summer.

BIOL 108 - Basic Principles of Biology (4)

Basic biological principles are introduced. This course prepares students for courses in anatomy, physiology, and microbiology. Lecture and laboratory (dissection included). 6 contact hours. Not open to biology majors.

General Education Category: Natural Science.

Prerequisite: Completed college mathematics competency.

Offered: Fall, Spring, Summer.

# COMM - Communication

COMM 337 - Advanced Advertising (4)

Theoretical foundations and the process of developing advertising strategy are introduced. Methods of using research data for developing advertising strategy are presented and case studies are discussed.

Prerequisite: COMM 334.

Offered: Spring.

COMM 338 - Communication for Health Professionals (4)

Designed for health professionals, this course examines the dynamics of patient-provider communication inside the context of the contemporary health system. Other topics covered include risk communication, diversity, influence of technology and social support and health.

Prerequisite: Completion of at least 60 college credits, enrollment in the Medical Imaging program and MEDI 201 or RADT 201.

Offered: Fall.

COMM 339W - Creativity for Public Relations and Advertising (4)

Students are introduced to the process of conceptualizing and preparing PR and advertising content for mass media. Emphasis is placed on creative thinking, strategic writing skills and visualization. This is a Writing in the Discipline (WID) course.

Prerequisite: COMM 311 or COMM 311W, or COMM 337, or permission of instructor.

Offered: Fall.

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COMM 357 - Public Opinion and Propaganda (4)

The nature and influence of public opinion are explored. Topics include propaganda as a technique for persuasion.

Prerequisite: COMM 240.

Offered: Fall, Summer.

COMM 412 - Strategies in Fundraising and Development (4)

This course is designed to equip students with the practical skills of strategic fundraising and development, and to provide them with practice in applying these newly acquired skills.

Prerequisite: COMM 251 or COMM 251W and COMM 351, or permission of department chair.

Offered: As needed.

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COMM 454 - Organizational Communication (4)

A review of theory and practice of communication in organizations. Topics include corporate culture, leadership, teamwork, globalization, ethics, diversity, and critiques of communication systems and structures.

Prerequisite: Completion of at least 60 college credits or junior standing, or permission of department chair.

Offered: Annually.

COMM 460 - Seminar in Communication (3)

A topic not previously studied in communication is researched.

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# DMS - Diagnostic Medical Sonography

DMS 305 - Foundations of Diagnostic Medical Sonography (3)

Students are introduced to the Diagnostic Medical Sonography profession. Foundations and basic principles will be discussed.

Prerequisite: Acceptance into a Medical Imaging Clinical Program.

Offered: Fall.

DMS 306 - Abdominal and Small Parts Sonography (5)

Students learn in-depth pathophysiology of abdominal and small parts organs, including but not limited to the thyroid, parathyroid, prostate and scrotum. 7 contact hours.

Prerequisite: DMS 305.

Offered: Spring.

DMS 308 - Sonographic Principles and Instrumentation (4)

Physical principles and instrumentation of diagnostic ultrasound are covered. Students will study the physical principles of image formation, management of artifacts, evaluation of instrument performance, and safe scanning techniques.

Prerequisite: DMS 305.

Offered: Spring.

DMS 309 - Clinical Education I (3)

Students are prepared for entering the healthcare profession. The student will observe sonographic examinations and procedures as well as practice their individual scanning skills. 16 contact hours.

Prerequisite: DMS 305.

Offered: Spring.

DMS 312 - Sonographic Women’s Imaging (4)

Students will obtain comprehensive understanding of women’s DMS imaging. Topics will focus on breast and gynecology health. Students will practice scanning ultrasound examinations with simulated phantom technology.

Prerequisite: DMS 305.

Offered: Summer

DMS 313 - Clinical Education II (5)

Students learn ultrasound procedures and examinations in clinical settings. This course prepares students to become independent functioning ultrasound technologists.  30 contact hours.

Prerequisite: DMS 309.

Offered: Summer.

DMS 431 - Vascular Technology (4)

Students learn about vascular techniques in DMS. Students learn about venous and arterial anatomy, physiology, pathology and imaging protocols. Advanced testing techniques and interventional procedures are included.  6 contact hours.

Prerequisite: DMS 313

Offered: Fall.

DMS 432 - Obstetrical Sonography (4)

Students will learn normal and pathologic obstetrical imaging. This course also includes ethics, congenital conditions, complications, fetal surveying and assessment.

Prerequisite: DMS 313.

Offered: Fall.

DMS 433 - Clinical Education III (4)

Students learn advanced ultrasound procedures and examinations in clinical settings. This course prepares students to become independent functioning ultrasound technologists. 24 contact hours.

Prerequisite: DMS 313.

Offered: Fall.

DMS 434 - Registry Review (3)

Students of diagnostic medical sonography are prepared to sit for their registry examinations in Abdomen and Ob/GYN sonography.

Prerequisite: DMS 433.

Offered: Spring.

DMS 435 - Advanced Procedures in DMS (3)

Students are educated on a variety of advanced sonographic procedures and examinations. Topics include emerging technologies, sonographic imaging in pediatrics, musculoskeletal, contrast-enhanced imaging and doppler analysis.

Prerequisite: DMS 433

Offered: Spring.

DMS 436 - Clinical Education IV (4)

Students practice advanced ultrasound procedures and examinations in various clinical settings on all patient types. This course prepares students to become independent functioning ultrasound technologists.  24 contact hours.

Prerequisite: DMS 433.

Offered: Spring.

# FREN - French

FREN 101 - Elementary French I (4)

Students learn to understand, speak, read, and write in French and gain an understanding of French life and character. Online work is required. Not open to students who have admission credit in French.

Offered: Fall, Spring.

FREN 102 - Elementary French II (4)

Four skills in elementary French—listening, speaking, reading, and writing—are further developed within the context of French culture. Online work is required.

General Education Category: Satisfies Gen. Ed. language requirement with a grade of C.

Prerequisite: FREN 101 or one year of secondary school French, or consent of department chair.

Offered: Fall, Spring.

FREN 113 - Intermediate French (4)

The cultural heritage of the French-speaking world is examined through selected cultural readings. Grammar and vocabulary are reviewed through a communicative approach. Online work is required.

Prerequisite: FREN 102, or three years of secondary school French, or a score of 500-549 on the CEEB Achievement Test in French.

Offered: Fall, Spring.

FREN 115 - Literature of the French-Speaking World (4)

Students are introduced to techniques of literary analysis through readings from France and the Francophone World as they continue to develop speaking, reading, and writing skills in French.

General Education Category: Literature.

Prerequisite: FREN 113 or equivalent, or consent of department chair.

Offered: Fall, Spring.

FREN 201W - Advanced French: Conversation and Composition (4)

Through contextualized activities, idiomatic spoken French and the structures required for written communication are studied. Modern France is discussed. Online work is required. This is a Writing in the Discipline (WID) course.

Prerequisite: FREN 115 or equivalent, or a score of 600 or above on the CEEB Achievement Test in French, or consent of department chair.

Offered: Fall.

# GEND - Gender and Women's Studies

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GEND 355 - Women and Madness (4)

Students consider patriarchal power, race, class and sexual identity in the development of the concept of women’s ‘madness,’ and examine it from historical, psychological, literary, social and feminist perspectives.

Prerequisite: GEND 200 or GEND 200W, or consent of director.

Offered: Alternate years.

GEND 357 - Gender and Sexuality (4)

Students examine how the social construction of gender and issues of power, dominance, and resistance affect the practice and regulation of sexuality.

Prerequisite: GEND 200 or GEND 200W, or consent of director.

Offered: Fall.

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# GRK – Greek—heading can also be deleted

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# HPE - Health and Physical Education

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HPE 444 - Practicum in Adapted Physical Education (2)

Teaching candidates complete a capstone course on planning, teaching and evaluating individuals with disabilities in gross motor settings. The experience includes IEP meetings, logs, implementing formal evaluations and analyzing data.

Prerequisite: SPED 333, HPE 409 and HPE 415.

Offered: Early Spring.

HPE 500 - Introduction to Health Education and Health Promotion (3)

Focus is on the basic principles of health education and health promotion in school and nonschool settings. Included are the philosophy, ethics, responsibilities and practice of health education.

Prerequisite: Graduate status.

Offered: Fall.

# HIST - History

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HIST 313 - The Soviet Union and After (3)

Students will investigate the fascinating ideologies, issues, events and continuities of the Soviet Union and post-Soviet era: 1917, Bolsheviks, Stalin, WWII, Cold War,1990s collapse, Putin, new East-West confrontation**.**

Prerequisite: Completion of one of the following: HIST 101, HIST 102, HIST 103, HIST 104, HIST 105, HIST 106, HIST 107, or HIST 108; or consent of department chair.

Offered: Alternate years.

HIST 316 - Modern Western Political Thought (4)

The ideas of major Western political thinkers, including the Greeks, Machiavelli, Hobbes, Locke, Rousseau, Hume, Hegel, and Marx, are reviewed. Students cannot receive credit for both HIST 316 and POL 316.

Prerequisite: Completion of one of the following: HIST 101, HIST 102, HIST 103, HIST 104, HIST 105, HIST 106, HIST 107 or HIST 161; or consent of department chair.

Offered: Fall.

# ITAL - Italian

ITAL 101 - Elementary Italian I (4)

Students learn to understand, speak, read, and write in Italian and gain an understanding of Italian life and character. Online work is required. Not open to students who have admission credit in Italian.

Offered: Fall, Spring.

ITAL 102 - Elementary Italian II (4)

Four skills in elementary Italian—listening, speaking, reading, and writing—are further developed within the context of Italian culture. Online work is required.

General Education Category: Satisfies Gen. Ed. language requirement

Prerequisite: ITAL 101 or one year of secondary school Italian, or consent of department chair.

Offered: Fall, Spring.

ITAL 113 - Intermediate Italian (4)

The cultural and linguistic heritage of Italy is examined through selected readings. Grammar is reviewed and basic oral and written skills developed. Online work is required.

Prerequisite: ITAL 102 or three years of secondary school Italian or a score of 500-549 on the CEEB Achievement Test in Italian.

Offered: Fall.

ITAL 115 - Literature of Italy (4)

Students are introduced to techniques of literary analysis through readings from various periods of Italian literature as they continue to develop speaking, reading, and writing skills in Italian.

General Education Category: Literature.

Prerequisite: ITAL 113 or equivalent, or consent of department chair.

Offered: Fall, Spring.

ITAL 201 - Conversation and Composition (4)

Students develop correct pronunciation through oral practice and elementary work in phonetics. Emphasis is on the use of correct spoken Italian on an advanced level.

Prerequisite: ITAL 115 or equivalent or consent of department chair.

Offered: Fall.

ITAL 202 - Composition and Conversation (4)

Writing skills in Italian are developed through grammatical exercises, controlled composition, and original themes. Class discussion in Italian of the written materials provides oral practice.

Prerequisite: ITAL 115 or equivalent or consent of department chair.

Offered: Spring.

ITAL 322 - Italian Literature and Civilization Post-Renaissance (4)

Major Italian authors and works of literature from the post-Renaissance to the twenty-first century are examined in their historical and cultural context.

Prerequisite: ITAL 202 or consent of department chair.

Offered: Alternate years.

ITAL 330 - Modern Italy (4)

Political, social, and economic changes in Italy from unification to the present are examined. Topics include regional conflicts, immigration issues, European identity, and changing family life.

Prerequisite: ITAL 202 or consent of department chair.

Offered: Annually.

ITAL 403 - Studies in Italian Theatre (3)

Italian theatre from the fifteenth century to the present is studied. Topics include Renaissance satirical comedies, commedia dell'arte, Goldoni's theatrical reforms, and the works of Alfieri, D'Annunzio, Pirandello, and Dario Fo.

Prerequisite: ITAL 202, and ITAL 322, or consent of department chair.

Offered: As needed.

ITAL 404 - Studies in Italian Cinema (3)

Major directors, movements, and themes of Italian cinema, from early cinema to the present, are studied. Attention is given to cultural and other aspects of film analysis.

Prerequisite: ITAL 202, and ITAL 322 or ITAL 330, or consent of department chair.

Offered: As needed.

# LATN - Latin —heading can also be deleted

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# MRI - Magnetic Resonance Imaging

MRI 302 - Foundations of Medical Resonance Imaging (3)

Students will learn MRI history, instrumentation, safety, positioning, equipment, coils and mechanisms of image formation. Also included are basic pharmacology, venipuncture and intravenous contrast media administration.

Prerequisite: Acceptance into a Medical Imaging clinical program.

Offered: Spring.

MRI 303 - Procedures I (3)

Students will learn human anatomy and pathology as seen in multiple orthogonal planes. Bone, muscle, vascular structures, organs and soft tissues are studied.

Prerequisite: Acceptance into a Medical Imaging clinical program.

Offered: Spring.

MRI 304 - Physical Principles I (4)

Students learn about MR signal production, tissue characteristics, widely used pulse sequences, image formation, and image contrast. In addition, the physics of MRI and image formation and safety are presented.

Prerequisite: Acceptance into a Medical Imaging clinical program.

Offered: Spring.

MRI 305 - Clinical Education I (3)

Students are introduced to the clinical practice of MRI with emphasis on departmental   procedures, MRI safety and patient care. They will gain practical experience observing and applying imaging principles.  24 contact hours.

Prerequisite: Acceptance into a Medical Imaging clinical program.

Offered: Spring.

MRI 306 - Procedures II (3)

Students will learn the cross-sectional anatomy and related pathologies of the abdomen, pelvis, upper and lower extremities.

Prerequisite: MRI 303.

Offered: Summer.

MRI 307 - Clinical Education II (5)

Students are further introduced to the clinical practice of MRI with emphasis on departmental procedures, MRI safety and patient care. They will gain practical experience observing and applying imaging principles. 30 contact hours.

Prerequisite: MRI 305.

Offered: Summer.

MRI 309 - Clinical Observation (3.5)

This course provides an introduction to the clinical practice of MRI, with emphasis on departmental procedures, MRI safety, and patient care. This course offers practical experience observing and applying health care principles. 10.5 contact hours.

Prerequisite: Acceptance into the MRI clinical program.

Offered: Spring.

MRI 310 - Clinical Practice I (8)

Students gain skills required to achieve clinical competencies in a variety of MRI procedures. This course allows practice of MRI skills and leads to proficiency in MRI and patient care. 24 contact hours.

Prerequisite: MRI 301

Offered: Summer.

MRI 311 - Cross Sectional Anatomy and Imaging Procedures I (3)

This course covers anatomy in multiple orthogonal planes, including head, spine, neck and thorax. Bone, muscles, vascular structures and organs are examined. Includes discussion of imaging techniques and procedures.

Prerequisite: MRI 301

Offered: Summer.

MRI 431 - Physical Principles II (4)

Students learn about encoding, data collection, image formation, K-space, acquisitions, advanced pulse sequences, flow phenomenon, MRA, cardiac MRI, and quality assurance.

Prerequisite: MRI 304.

Offered: Fall.

MRI 432 - Clinical Education III (5)

Students learn about routine MRI procedures in various clinical settings on all patient types. Emphasis is placed on gaining confidence and manipulating parameters. 30 contact hours.

Prerequisite: MRI 307.

Offered: Fall.

MRI 433 - Advanced Procedures in Magnetic Resonance Imaging (3)

Students learn about advanced procedures, in MRI including: cardiac, functional MRI, MR spectroscopy, biopsies, research, whole body imaging, MR microscopy, interventional MRI and the importance of Magnetic Resonance Safety Officers (MRSO).

Prerequisite: MRI 432.

Offered: Spring.

MRI 434 - MRI Registry Review (3)

Students will review the specifications of the ARRT MRI examination, the guidelines for application, study strategies and content included in the exam.

Prerequisite: MRI 432.

Offered: Spring.

MRI 435 - Clinical Education IV (4)

Students will learn advanced MRI procedures in various clinical settings on all patient types. This course prepares students to become independent functioning MRI technologists. 24 contact hours.

Prerequisite: MRI 432.

Offered: Spring

# MEDI - Medical Imaging

MEDI 201 - Orientation to Medical Imaging (1)

Topics include the history of medical imaging, the technologist's role on the health care team, equipment, clinical settings and the various modalities in diagnostic imaging.

Prerequisite: BIOL 231 and MATH 209.

Offered: Fall, Spring.

MEDI 202 - Introduction to Medical Imaging (1.5)

Presents the history of various specialties in medical imaging, and the technologist's role in the health care team. Safety and ethics, accreditation, certification and professional organizations will also be discussed.

Prerequisite: MEDI 201 and acceptance into a medical imaging clinical program.

Offered: Fall.

MEDI 203 - Complete Introduction to Medical Imaging (3)

Students learn about the history of imaging, discovery of x-rays, and the specialties. Student’s time-management, safety and professional ethics will be emphasized.

Prerequisite: Acceptance into a Medical Imaging Clinical Program

Offered: Fall

# MLED - Middle Level Education

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Students examine the developmental characteristics of early adolescence and implications for teaching.

Prerequisite: CEP 215 or consent of department chair.

Offered: Fall, Spring, Summer.

MLED 320 - Middle School Organization and Integrated Curriculum (4)

Students examine the emergence of the modern middle school and its components: teaming, advisory, flexible scheduling, and differentiated instruction.

Prerequisite: MLED 310; and for elementary education students, ELED 300; and for secondary education students, prior or concurrent enrollment in SED 407; or consent of department chair.

Offered: Fall, Spring, Summer.

MLED 331 - Disciplinary Literacies with Young Adolescents (4)

Students examine traditional, critical and digital literacy practices at the middle level. Students also develop, implement, and reflect on lessons grounded in disciplinary literacies and content area standards, including CCSS.

Prerequisite: MLED 230.

Offered: Fall, Spring.

# NMT - Nuclear Medicine Technology

NMT 302 - Foundations of Nuclear Medicine Technology (3)

Students learn a variety of Nuclear Medicine topics, including math, clinical procedures, introduction to instrumentation and venipuncture.

Prerequisite: Acceptance into a Medical Imaging Clinical program.

Offered: Spring.

NMT 303 - Nuclear Medicine Procedures I (3)

Students are provided with with an understanding of nuclear medicine and molecular imaging procedures, including appropriate protocol selection, instrumentation, basic pathology, patient care skills, and interpretation of images.

Prerequisite: Acceptance into a Medical Imaging Clinical program.

Offered: Spring.

NMT 304 - Radiation Safety and Radiobiology (3)

Students will learn concepts and physical principles that govern radioactivity and interactions of ionizing radiation with matter, principles and applications of radiation safety and protection.

Prerequisite: Acceptance into a Medical Imaging Clinical program.

Offered: Spring.

NMT 306 - Nuclear Medicine Procedures II and Therapeutics (3)

Students are provided with an understanding of nuclear medicine and molecular imaging procedures and therapeutics. Content covered includes protocol selection, instrumentation, pathology, patient care skills, and interpretation of images.

Prerequisite: NMT 303.

Offered: Summer.

NMT 336 - Clinical Education I (3)

Students are introduced to clinical practice of nuclear medicine with emphasis on departmental policies and procedures, radiation safety and patientcare.  Offers practical experience observing and applying health care principles. 18 contact hours.

Prerequisite: Acceptance into a Medical Imaging clinical program.

Offered: Spring.

NMT 337 - Clinical Education II (5)

Placed under direct and indirect supervision, students will learn clinical skills through observation and participation in NMT procedures. Emphasis is placed on the integration of clinical and didactic education. 30 contact hours.

Prerequisite: NMT 336.

Offered: Summer.

NMT 433 - Radiopharmaceuticals in Nuclear Medicine (3)

Students will explore the theory and practice of radiopharmacy and radiochemistry, including preparation, calculation of doses, quality control, radiation safety and applicable regulations.

Offered: Fall

NMT 434 - Radiation Physics and Advanced Instrumentation (3)

Students learn design, operation, and quality control of different detectors used in nuclear medicine. Concepts and physical principles that govern radioactivity and interactions of ionizing radiation with matter.

Offered: Fall

NMT 435 - Registry Review (3)

Students are asked to make connections between the introductory lectures and clinical practice.  This course prepares students for the national certification exams.

Offered: Spring

NMT 436 - Clinical Education III (5)

Students, under supervision, clinical skills through observation and participation in Nuclear Medicine procedures. Emphasis is placed on the integration of clinical and didactic education leading to proficiency. 30 contact hours.

Offered: Fall

NMT 437 - Clinical Education IV (4)

Students learn, under supervision, clinical skills through observation and participation in Nuclear Medicine procedures. Emphasis is placed on the integration of clinical and didactic education leading to proficiency. 24 contact hours

Offered: Spring

# POL - Political Science

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POL 309 - Gender and Politics in the U.S. (4)

Focus is on the increasing involvement of women in the politics and issues of contemporary America. Women's political socialization, voting behavior and political roles in government are also discussed.

Prerequisite: POL 202 or consent of department chair.

Offered: As needed.

POL 315 - Western Legal Systems (4)

This is a comparative study of English common law and continental European civil law.

Prerequisite: Completion of one of the following: HIST 101, HIST 102, HIST 103, HIST 104, HIST 105, HIST 106, HIST 107, or HIST 161; or consent of department chair.

Offered: As needed.

POL 316 - Modern Western Political Thought (4)

The ideas of major Western political thinkers are reviewed. Students cannot receive credit for both HIST 316 and POL 316.

Prerequisite: POL 204 or consent of department chair.

Offered: Fall.

# RADT - Radiologic Technology heading can also be deleted

# SPAN - Spanish

SPAN 101 - Elementary Spanish I (4)

Students learn to understand, speak, read, and write in Spanish and gain an understanding of Hispanic life and character. Online work is required. Not open to students who have admission credit in Spanish.

Offered: Fall, Spring, Summer.

SPAN 102 - Elementary Spanish II (4)

Four skills in elementary Spanish—listening, speaking, reading, and writing—are further developed within the context of Hispanic culture. Online work is required.

General Education Category: Satisfies Gen. Ed. language requirement.

Prerequisite: SPAN 101 or placement test or consent of department chair.

Offered: Spring Summer.

SPAN 113 - Intermediate Spanish (4)

The cultural and linguistic heritage of the Spanish-speaking world is examined, while grammar is reviewed and basic oral and written skills are developed. Online work is required.

Prerequisite: SPAN 102 or placement test.

Offered: Fall, Spring, Summer.

SPAN 115 - Literature of the Spanish-Speaking World (4)

Students are introduced to techniques of literary analysis through readings from Spain and Latin America as they continue to develop speaking, reading, and writing skills in Spanish.

General Education Category: Literature.

Prerequisite: SPAN 113 or equivalent, or consent of department chair.

Offered: Fall, Spring.

SPAN 201W - Conversation and Composition (4)

The use of correct spoken Spanish on an advanced level is emphasized. Attention is given to the correction of pronunciation through practice and elementary work in phonetics. This is a Writing in the Discipline (WID) course.

Prerequisite: SPAN 115 or placement test or consent of department chair.

Offered: Fall, Spring.

SPAN 202W - Composition and Conversation (4)

Writing skills in Spanish are developed through grammatical exercises, controlled composition, original themes, and the stylistic analysis of literary texts. Discussions in Spanish of the written materials provide oral practice. This is a Writing in the Discipline (WID) course.

Prerequisite: SPAN 201 or SPAN 201W, or equivalent or consent of department chair.

Offered: Fall, Spring.

SPAN 310 - Spanish Literature and Culture: Pre-Eighteenth Century (4)

The cultural, social, and historical aspects that define Spanish identity are examined from its inception to the end of the seventeenth century. In addition, the major literary currents associated with each period are studied.

Prerequisite: SPAN 202 or SPAN 202W, or consent of department chair.

Offered: Fall.

SPAN 311 - Spanish Literature and Culture: From Eighteenth Century (4)

The cultural, social, and historical aspects that define Spanish identity are examined from the eighteenth century to the modern period. The major literary currents associated with each period are also studied.

Prerequisite: SPAN 202 or SPAN 202W, or consent of department chair.

Offered: Spring.

SPAN 312 - Latin American Literature and Culture: Pre-Eighteenth Century (4)

The history, culture, and literary movements of Latin America are examined from the pre-Columbian period to the wars of independence.

Prerequisite: SPAN 202 or SPAN 202W, or consent of department chair.

Offered: Fall.

SPAN 313 - Latin American Literature and Culture: From Eighteenth Century (4)

The history, culture, and literary movements of Latin America are examined from the eighteenth century to modern times.

Prerequisite: SPAN 202 or SPAN 202W, or consent of department chair.

Offered: Spring.

SPAN 390 - Directed Study (3)

Designed to be a substitute for a traditional course under the instruction of a faculty member.

Prerequisite: Consent of instructor, department chair and dean.

Offered: As needed.

SPAN 420W - Applied Grammar (3)

A practical application of grammar in both oral and written forms is emphasized, along with intensive study of construction and of idiomatic expressions. This is a Writing in the Discipline (WID) course.

Prerequisite: Completion of two of the following: SPAN 310, SPAN 311, SPAN 312, SPAN 313; or consent of department chair.

Offered: Spring.

# THTR - Theatre

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THTR 425 - Fundamentals of Directing (3)

Basic play interpretation, casting, rehearsal procedures, and other directorial duties are covered. Student-directed scenes involve problems in composition, movement, tempo, and rhythm.

Prerequisite: THTR 322 or consent of department chair.

Offered: Annually.

THTR 440W - History of Theatre: Origins to 1800 (4)

Students examine the development of the physical theatre and of dramatic art from their origins to 1800. THTR 440W and THTR 441W do not have to be taken in sequential order. This is a Writing in the Discipline (WID) course.

Prerequisite: Two 200-level theatre courses or consent of department chair.

Offered: Annually.

THTR 441W - History of Theatre: 1800 to the Present (4)

Students examine the development of the physical theatre and of dramatic art from 1800 to the present. THTR 440W and THTR 441W do not have to be taken in sequential order.

Prerequisite: Two 200-level theatre courses or consent of department chair.

Offered: Annually.