

## **Accounting**

### **Suggested Courses:**

#### **ACC 518 Intermediate Accounting I**

Focuses on the conceptual framework underlying financial reporting by business enterprises, the processes by which authoritative accounting guidelines are promulgated, and the preparation, presentation, interpretation, and use of financial statements.

#### **ACC 519 Intermediate Accounting II**

**The second course in the two-course intermediate accounting sequence. Continues the examination of the preparation, presentation, interpretation, and use of financial statements.**

#### **ACC 525 Accounting Transaction Processing Systems**

Designed to provide an understanding of a variety of accounting subsystems, systems analysis, and design issues reinforced through case studies.

#### **ACC 531 Cost Accounting**

**Costs and cost accounting principles, costing systems, cost determination procedures, control and analytical practices for managerial decision-making.**

#### **ACC 602 Federal Tax Concepts**

**Tax structure and tax principles. Accounting principles and procedures related to tax accounting. Application of tax and accounting principles to specific problems.**

#### **ACC 604 Auditing Concepts**

**Concepts underlying audit process, procedures used in external auditing, statistical application, preparation of audit programs, and reports. Use of audit software to conduct control risk assessment and substantive tests.**

For additional information, visit [Bryan Prelude](#) or the [University Catalog](#).

## **Art/Studio Art**

### **Suggested Courses:**

**ART 500 level or above**

## **Biology**

### **Suggested Courses:**

All 600 level courses

For additional information, please see the [University Catalog](#).

## **Business Administration**

### **Suggested Courses:**

**MBA 701 Quantitative Analysis (offered Fall and Spring semester only)**  
**MBA 702 Financial and Managerial Accounting (offered Fall semester only)**  
**MBA 703 Managerial Economics (offered Summer semester only)**  
**MBA 716 Leadership (offered Fall semester only)**

For additional course information, please see the [University Catalog](#).

## Chemistry/Biochemistry

### Suggested Courses:

#### **CHE 536 Computational Chemistry 3**

Survey of modern computational chemistry methods, including molecular mechanics, molecular dynamics simulations, conformational searching, and computational quantum mechanics. **Prerequisites:** [CHE 352](#), [PHY 212](#) or [PHY 292](#), or permission of instructor.

#### **CHE 553 Advanced Organic Chemistry I 3**

Advanced topics in organic chemistry with special emphasis on reaction mechanisms and stereochemistry. **Prerequisites:** [CHE 352](#).

#### **CHE 555 Organometallic Chemistry 2**

Theoretical and synthetic aspects of organometallic chemistry and applications to catalysis and synthetic organic chemistry. **Prerequisites:** [CHE 352](#), [CHE 442](#).

#### **CHE 556 Biochemistry I 3**

Introductory biochemistry presented from a chemical perspective. Topics include amino acids, proteins and enzymes, carbohydrates, nucleic acids, lipids, membranes, and carbohydrate catabolism. **Prerequisites:** [CHE 352](#), [BIO 111](#), [BIO 112](#).

#### **CHE 557 Biochemistry II 3**

Continuation of [CHE 556](#). Enzyme catalytic mechanisms, additional topics in intermediary metabolism, genetic biochemistry, and selected topics in molecular physiology. **Prerequisites:** [CHE 352](#), [CHE 556](#), [BIO 111](#), [BIO 112](#), or permission of instructor.

#### **CHE 570 Special Topics in Chemistry (1–3)**

Study in special areas of chemistry as listed below. Hours per week and credit to be arranged. May be repeated for a maximum of six credits when topic varies.

##### *Prerequisite*

Permission of instructor

#### **CHE 632 Advanced Analytical Chemistry 3**

Current research activities in the analytical area, primarily for first year graduate students. Four areas emphasized: chemical equilibrium, spectroscopy, separations, and electrochemistry. **Prerequisites:** [CHE 462](#) or [CHE 406](#) or equivalent. One semester of instrumental analysis ([CHE 531](#)) recommended.

#### **CHE 641 Advanced Inorganic Chemistry II 3**

Group theory, its applications, and other topics in advanced inorganic

chemistry. **Prerequisites:** [CHE 442](#).

### **CHE 656 Enzyme Mechanisms 3**

Detailed look at how enzymes catalyze a broad range of chemical reactions. Particular emphasis on the role of organic cofactors and metal ions in catalysis. **Prerequisites:** [CHE 352](#) and either [CHE 420](#) or [CHE 556](#), or permission of instructor.

### **CHE 661 Advanced Physical Chemistry I 3**

Selected topics in quantum chemistry, spectroscopy, statistical thermodynamics, and chemical kinetics will be developed with attention to methods of application. **Prerequisites:** [CHE 461](#) and [CHE 462](#) or equivalent (one year of physical chemistry).

### **CHE 663 Spectroscopy and Analysis of Biomolecules 3**

Spectroscopic and structural methods for application to molecules of biochemical relevance. Topics include fluorescence, circular dichroism, chromatography, electrophoresis, mass spectrometry, FTIR, NMR, EPR, X-ray crystallography. **Prerequisites:** [CHE 406](#) or [CHE 461](#), [CHE 420](#) or [CHE 556](#), or permission of instructor.

**Notes:** May be repeated for a maximum of 6 credits when topic varies.

Pay special attention to prerequisites. It is recommended that students have an undergrad degree in chemistry or other science with a strong chemistry background. For additional course information, please see the [University Catalog](#).

## **Communication Studies**

**Suggested Courses:** 500 level courses. 600 level courses may be open to Non-degree students on a space-available bases.

For course descriptions, please see the [University Catalog](#).

## **Consumer, Apparel and Retail Studies**

**Suggested Courses:**

### **CRS 605 Retail Data Analytics**

Beginning graduate course in research methodology within the domains of consumer, apparel, and retailing. Concepts, frameworks, and relationships of theory and research. Epistemological issues, types of analysis, methods.

### **CRS 620 Analysis of Apparel and Related Industries**

Analysis of apparel and related industries from raw materials through consumption. Examination of production and marketing of products, technological developments, and domestic and global market strategies.

### **RCS 662 Behavior-Soft Lines Consumers (Offered Fall Only)**

Study of environmental, individual, and psychological influences on behavior of consumers during the soft lines products consumption process.

For additional course information, please see the [University Catalog](#).

## Counseling

### Suggested Courses:

#### **CED 613 Helping Relationships**

Fundamental principles of providing a helping relationship through counseling and interviewing are integrated in a conceptual framework for subsequent professional studies in counseling. Personal and professional development through skills training in techniques.

For additional course information, please see the [University Catalog](#).

## Dance

### Suggested Courses:

Space available basis only. Some courses may require prerequisites or be restricted to admitted graduate students.

Please see the [University Catalog](#) for course descriptions.

## Economics

### Suggested Courses:

#### **ECO 630 Introduction to Cost Effectiveness**

Methods used by health economists to evaluate health care technologies and programs. Learn how to critique and use health economic evaluations, common health economic evaluation tools and methods.

#### **ECO 637 Empirical Health Economics**

Examines the market for health services and the production of health. Topics include the demand and supply for health care professionals, health insurance and financing, and regulation of medical markets.

#### **ECO 664 Time Series and Forecasting**

Students learn to analyze and forecast time series data. Topics include stochastic linear difference equations, tests for trends and stationarity, and ARIMA modeling. Application to economic data emphasized.

#### **ECO 625 Data Methods in Economics**

Advanced techniques in data preparation. Topics include data formats, error checking, merging data, large data sets, and missing observations. Students work extensively with SAS.

#### **ECO 631 Applied Policy Methods**

Provides applied foundation for policy study with emphasis on an economic efficiency perspective including history of policy analysis, market and government failure, and alternative methods for policy analysis.

#### **ECO 657 Managerial Economics**

Economic analysis of markets, and government intervention that addresses the sustainability of fiscal, monetary and exchange rate policy and their short-run and long-run impact on the global environment.

For additional course information, please see the [University Catalog](#).

## **Educational Leadership and Cultural Foundations**

### **Suggested Courses:**

Any graduate level (500 or above) ELC course  
Please see the [University Catalog](#) for course descriptions.

## **Educational Research, Measurement, and Evaluation**

### **Suggested Courses:**

#### **ERM 604 Methods of Educational Research 3**

Techniques and uses of research in education. Designed to provide the student with the ability to read, understand, and critically evaluate published empirical research.

**Notes:** Students who took this course as EAR 593 are not eligible to take [ERM 604](#) and receive credit.

#### **ERM 605 Educational Measurement and Evaluation 3**

For teachers, counselors, and administrators. Principles of measurement and evaluation, methods of scoring and interpreting tests. Construction and use of teacher-made tests. Statistical concepts basic to understanding and interpreting test data.

**Notes:** Students who took this course as EAR or ERM 670 are not eligible to take [ERM 605](#) and receive credit.

#### **ERM 650 Foundations of Qualitative Research Methods**

This course will provide graduate students with a theoretical understanding of qualitative research and practical, hands-on experience conducting a small-scale study.

#### **ERM 680 Intermediate Statistical Methods in Education 3**

Applied descriptive and inferential statistics. Topics include applied probability, power analysis, chi-square distributions, hypothesis testing for a variety of applications, and correlation and regression. Concept learning, applications, and computer analyses are stressed.

Prerequisites: Elementary algebra.

**Notes:** Students who took this course as ERM 618 are not eligible to take [ERM 680](#) and receive credit.

For additional course information, please see the [University Catalog](#).

## **English**

### **Suggested Courses: 500 level only**

For course descriptions, please see the [University Catalog](#).

## **Geography**

### **Suggested Courses:**

#### **GES 602 Sustainable Urban Planning in an Entrepreneurial Environment**

**Fundamental concepts and techniques of urban planning as it relates to enhancing overall**

quality of life with a primary focus on land use patterns, the environment, business and entrepreneurship.

Notes: Same as [ENT 610](#).

#### **GES 604 Political Geography**

A systematic overview of relationships among space, place, and politics at multiple geographic scales. Topics include boundaries, geopolitics, nationalism, resource distribution, means of controlling space, and the spatiality of globalization.

#### **GES 605 Regional Planning**

Regional development and planning processes focused on regional planning techniques and law.

#### **GES 606 Environmental Planning**

Examination and analysis of environmental concepts and their relationship to various planning and management scenarios, including environmental issues, strategies, and plans.

#### **GES 608 Weather and Climate for Educators**

Examination of Earth's physical atmospheric processes as they apply to weather and climate systems. Practicum and course content are synchronized with the NC Standard Course of Study for Earth and Environmental Science.

#### **GES 612 Natural Resource Geography**

Application of geographical theory to natural resource use and distribution. Emphasis on resource use and constraints to development.

#### **GES 614 GIS Programming and Design Application**

Theory and practice in the creation of Geographic Information Systems using logic based programming and database construction tools. Emphasis on modeling of spatial information and logic-based approaches to GIS.

Prerequisites: [GES 658](#).

#### **GES 615 National Parks and Protected Areas**

This course is devoted to the changing geography of the National Park System and related protected areas in the USA, with an emphasis on their environmental, historical and political significance.

#### **GES 618 Biogeography**

Study of the geographic distribution of organisms and the factors/processes accountable. Emphasis on the increasingly important role humans play in influencing biogeographic processes.

Prerequisites: [GES 314](#) or [GES 319](#) or [BIO 301](#). or admission to graduate program in geography; or permission of instructor.

#### **GES 619 Advanced Weather and Climate-Synoptic Climatology**

Exploration of atmospheric dynamics and general circulation patterns throughout the world. Emphasis on cyclogenesis, surface-upper atmosphere links, tropospheric waves, vorticity, and forecasting.

Prerequisites: Admission to graduate program in Geography or permission of instructor.

### **GES 620 Spatial Analysis**

Theory and practice in combining Geographic Information Systems software with statistical analysis software. Emphasis will be on the quantitative analysis and visual display of spatial information.

Prerequisites: [GES 658](#) and [STA 571](#) or equivalent.

### **GES 621 Seminar in Geographic Information Science**

Research in geographic information science. Focus on current research in application of remotely sensed imagery, geographic information systems, and maps in the visualization and analysis of spatial data.

Prerequisites: [GES 359](#) and [GES 458](#) or [GES 658](#) or permission of instructor.

Notes: May be repeated once for credit when topic changes.

### **GES 622 GIS Applications in Urban Planning**

Theory and practice integrating Geographic Information Systems with land use planning practice. Emphasis on advanced analysis and display of spatial data and information in support of land use planning decision-making.

Prerequisites: [GES 322](#) (or equivalent) and [GES 603](#) or permission of instructor.

### **GES 630 Researching Opportunities in Entrepreneurship and Economic Development**

Students will learn how to conduct research necessary to make informed decisions for an entrepreneurial venture and measure and assess economic development opportunities. No business research experience necessary.

Notes: Same as [ENT 630](#), [LIS 530](#), [MKT 530](#).

### **GES 631 Transportation Planning**

Theory and practice of transportation planning with an emphasis on urban transportation systems.

Prerequisites: [GES 602](#) or permission of instructor.

### **GES 632 Geography of Livable Cities**

Advanced study on the processes of urban population and economic growth from the perspective of urban livability. Emphasis on accessing and interpreting data from public or private sources.

### **GES 633 Regional Economic Development**

Theories of location of economic activity; techniques to assess impact of types of economic activity; policy and institutional issues related to local, state, and global economic development.

### **GES 634 Advanced Topics in European Geography**

In-depth analysis of select advanced topics related to Europe. Combines systematic and regional traditions within geography. Possible themes include European integration, immigration, urbanization and cities, cultural preservation, tourism, the environment.

Notes: May be repeated for credit when topic varies.

### **GES 635 Geography of Asia**

Examines dynamic economic, sociocultural, and political changes in Asia by looking at

their roots in physical and human resources influencing rapid modernization within an ancient cultural framework.

**GES 641 Earth Surface Processes and Landforms**

Advanced systematic study of geomorphology with applications to human responses to natural hazards and environmental management.

Prerequisites: [GES 314/GES 314L](#) or equivalent advanced undergraduate course in geomorphology.

**GES 650 Applied Physical Geography**

Applications in physical geography. Topics include field experience in hydrology, dendrochronology, geomorphology, climatology, and mapping.

Notes: May be repeated once when topic changes.

**GES 651 Seminar in Regional Geography**

Case studies of regionalism and the regional method in geography.

Notes: May be repeated once for credit when topic changes.

**GES 657 Advanced Cartography**

Advanced instruction in cartographic production techniques and introduction to cartographic research. Students will learn to evaluate academic literature and to implement research ideas using state-of-the-art technology.

Prerequisites: [GES 357](#) or permission of instructor.

**GES 658 Advanced Geographic Information Systems**

Advanced concepts and methods in Geographic Information Systems (GIS). Emphasis is placed on the analysis and modeling of geospatial data using raster and vector data models.

Prerequisites: [GES 358](#) or permission of instructor.

**GES 659 Advanced Remote Sensing-Imaging**

Remote sensing of the environment using scientific visualization and digital image processing techniques.

Prerequisites: [GES 359](#) or permission of instructor.

## **Gerontology**

### **Suggested Courses:**

**GRO 600X Experimental Course 1-6**

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

**GRO 602 Seminar: Critical Issues of Aging 3**

Analysis of critical issues affecting the aged and how these issues are being addressed using the social ecological model and life course theory.

**GRO 620 Research Methods in Gerontology**

The integration and application of qualitative and quantitative research designs and methods used in gerontology. Additional attention focuses on the formulation and writing of a research proposal.



**Prerequisites:** GRO 501 and permission of instructor.

**GRO 621 Health and Aging**

Explores the concept of successful aging from a holistic perspective using the seven dimensions of health and wellness and the use of interdisciplinary teams to support healthy aging.

**GRO 622 Research Methods in Gerontology**

Overview of concepts and products of insurance related to financing longevity in the United States. Topics include Medicare, Medicaid, long term care insurance and related products.

**GRO 634 Diversity, Inclusion, and Aging**

An examination of issues related to diversity among older adults. Focus will be on the interaction of class, gender, race/ethnicity, culture, sexual orientation, and historical period with the aging process.

**GRO 645 Introduction to Cognitive Aging and Disorders**

An examination of cognition and aging including normal aging, mild cognitive impairment, and dementia. Focus will be on preparing gerontologists to work with older adults with various cognitive function.

**GRO 676 Special Topics in Gerontology**

Study of a special topic in gerontology.

**Notes:** May be repeated for credit when topic varies.

**GRO 680 Elder Law for Professionals in Aging**

An examination of legal and financial topics related to aging. Focus will be on preparing gerontologists to work with older adults and their families as they navigate complex legal issues. For additional course information, please see the [University Catalog](#).

## **Higher Education**

**Suggested Courses:**

**HED 601 Foundations of College Student Affairs Administration**

**HED 602 Student Development Theory in Higher Education**

**Learning as a comprehensive, holistic, and transformative experience integrating academic learning and student development. Overview of campus programs and services. Review of research on the impact of college on undergraduates.**

**Suggested courses for the Doctoral program:**

**HED 749 Professional Seminar in Higher Education Research**

**Overview of higher education as a field of study. Participants develop research interests, practice critical reading and writing strategies, and produce an in-depth literature review.**

**Prerequisites:** [HED 601](#), [HED 606](#), and [HED 661](#).

For additional course information, please see the [University Catalog](#).

## History

### Suggested Courses:

500 level courses EXCEPT HIS 543, 547, 548, and 555

For course descriptions, please see the [University Catalog](#).

## Human Development and Family Studies

### Suggested Courses:

#### **HDF 606 Preschool-Kindergarten Learning in Inclusive Settings**

In-depth exploration of the principles of early childhood care and education and learning strategies for preschool/kindergarten children with and without disabilities. Field placements in BK setting are required.

**Prerequisites:** Admission to BKISED degree program and [SES 601](#).

**Notes:** Same as [SES 606](#).

#### **HDF 607 Infant-Toddler Learning in Inclusive Settings**

An examination of development in infancy and toddlerhood and strategies for facilitating very young children's growth and learning in early childhood care and educational settings. Field placement required.

**Prerequisites:** HDF or SES major or permission of instructor.

**Notes:** Same as [SES 607](#).

#### **HDF 633 Advanced Curriculum in Early Childhood Education**

Examination of theoretical and developmental foundations of early childhood curriculum approaches, including critique of accepted early childhood practices, action research, and published research in curriculum and program effectiveness.

**Prerequisites:** [SES 606/HDF 606](#).

**Fall:**

#### **HDF 651 Contemporary Research in Human Development**

Examination of contemporary research findings in the field of human development.

#### **HDF 652 Theories of Human Development and Family Studies**

Survey of selected theories of individual development.

**Spring:**

#### **HDF 653 Contemporary Research in Family Studies**

Examination of contemporary research findings in the field of human development.

For course descriptions, please see the [University Catalog](#).

## Information Systems and Operations Management

### Suggested Courses:

**Spring:**

ISM 671 Organizing Data for Analytics 3

Fundamental concepts of database management systems, including database design, implementation, and the use of the SQL query language.

**Fall:**

**ISM 673 Designing Secure Computer and IoT Networks for Business 3**

Technology related to internal and external network/telecommunication services. Managerial and business issues related to the identification, acquisition, and management of network/telecommunications services in the contemporary enterprise.

For additional information, visit the [University Catalog](#).

## **Instructional Technology**

**Suggested Courses:**

**LIS 672 Instructional Design**

Components of the systems approach to instructional design.

**LIS 637 Instructional Communication and Technologies**

This course will cover the theoretical foundations of communication and provide applied experience with contemporary instructional technologies across diverse learning environments. This will include social media, basic HTML, video production, screencasting, and use of other software to assist in both the synchronous and asynchronous teaching and learning process.

For course descriptions, please see the [University Catalog](#).

## **International Business**

**Suggested Courses:**

BUS 615 – Global Business (Fall)

BUS 627 – Global Human Resource Management (Fall)

BUS 628 – Global Sustainability Management (Spring)

BUS 695 – Special Topics in International Business (Summer)

For course descriptions, please see the [University Catalog](#).

## **Liberal and Interdisciplinary Studies**

**Suggested Courses:**

[All MAS 600 level courses](#)

## **Library & Information Systems**

**Suggested Courses:**

**LIS 600 Foundations of Library and Information Studies 3**

Survey of access issues in library and information studies; professional operations and potential

roles in society.

**Notes:** Required for all MLIS students in first year. Core course.

### **LIS 610 Collection Management 3**

Principles, processes, and problems in selection, evaluation, and acquisition of resources for libraries and information centers.

### **LIS 620 Information Sources and Services 3**

Covers philosophy and techniques of matching information to people's needs. Introduces human information behavior and information retrieval concepts; prepares students to meet needs through needs assessment, source selection, and user-instruction.

For additional information, please see the [University Catalog](#).

## **Nanoscience**

### **Suggested Courses:**

#### **NAN 601 Nanochemistry 3**

Review of materials chemistry, synthesis of nanoparticles such as carbon nanotubes and fullerenes, chemical reactions and a survey of medicinal chemistry for pharmaceutical applications.

**Prerequisites:** Graduate student in nanoscience or permission of instructor.

#### **NAN 602 Nanobiology 3**

Emphasis on cellular and intracellular mechanisms including biological self-assembly, cytoskeletal interactions, protein folding, membrane dynamics, biological energetics, and cell-cell interactions as well as biomaterials.

**Prerequisites:** Graduate student in nanoscience or permission of instructor.

#### **NAN 603 Nanophysics 3**

Emphasis on the areas of physics critical to nanoscience including solid state physics, statistical mechanics, quantum concepts, biophysics, chemical physics, and nanodevices based on semiconductors.

**Prerequisites:** Graduate student in nanoscience or permission of instructor.

#### **NAN 604 Nanotechniques 3**

Fundamental techniques used in nanotechnology, including methods for nanofabrication, nanocharacterization, and nanomanipulation.

**Prerequisites:** Graduate student in nanoscience or permission of instructor.

#### **NAN 605 Mathematical Methods in Nanoscience and Nanoengineering 3**

An emphasis of this required course will be on the areas of mathematics critical to nanoscience and nanoengineering including application of differential equations to numerical and analytical modeling of nanostructures.

**Prerequisites:** Graduate student in Nanoscience or permission of instructor.

For additional information, please see the [University Catalog](#).

## **Peace and Conflict Studies**

### **Suggested Courses:**

### **PCS 600 Principles and Practice of Conflict Management and Resolution 3**

Introduction to the interdisciplinary theory, research conflict analysis and intervention strategies which form the foundation of peace and conflict studies.

### **PCS 601 Indigenous Peace Practices 3**

Explores multiple dimensions of diversity in creating and resolving conflicts. Students will explore their own culture beliefs and values as well as diverse conflict models and systems around the world.

### **PCS 605 Skills and Techniques of Conflict Management 3**

Theory and practice to develop a foundation of interpersonal skills and techniques needed by conflict professionals such as communication, negotiation, mediation, assessment, and presentation. Service learning project required.

### **PCS 606 Organizational Conflict: Diagnostic and Intervention Tools 3**

Theories, methods, and practices in assessing and transforming conflict in modern organizations.

**Prerequisites:** [PCS 600](#) and [PCS 601](#) or permission of instructor.

### **PCS 607 Conflict Analysis: Theories of Change 3**

Students are introduced to key conflict analysis concepts and models. Different analytic frameworks are used to assess international conflicts. Students participate simulation exercise.

### **PCS 610 Transitional Justice 3**

Explore nonviolent responses to conflict and violence that are oriented to the restoration of relationships damaged by crime, war, community, and workplace violence.

For additional information, please see the [University Catalog](#).

## **Public Affairs**

### **Suggested Courses:**

#### **PSC 511 Topics in Public Affairs 1 (all sections)**

Examination of a current topic in the management of public and nonprofit agencies. [PSC 511A](#)–Oral Communication Skills; [PSC 511B](#)–Marketing for Public and Nonprofit Agencies; [PSC 511C](#)–Information Technology and Management; [PSC 511D](#)–Strategic Planning; [PSC 511E](#)–Legislative Relations; [PSC 511F](#)–Financial Management; [PSC 511G](#)–Grant Writing; [PSC 511J](#)–Legal Issues in Public Administration; [PSC 511K](#)–Legal Issues in Local Government; [PSC 511M](#)–Media Relations; [PSC 511N](#)–Nonprofit Law; [PSC 511P](#)–Group Facilitation; [PSC 511R](#)–Diversity and Culture; [PSC 511S](#)–Social Entrepreneurship in Nonprofits; [PSC 511V](#)–Volunteer Management.

**Prerequisites:** for senior PSCI major: completion of [PSC 310](#) (or [PSC 311](#)).

**Notes:** May be repeated when topics vary up to a limit of 6 s.h.. Graduate standing; or senior PSCI major; or permission of the Graduate Director.

#### **PSC 520 Urban Political System 3**

Examination of major topics in the study of urban government and policy. Systems approach to provide an analytic framework for interrelating specific topics such as citizen participation, interest groups, parties, types of elections, forms of government, community power, and racial politics.

### **PSC 540 Nonprofit Management and Leadership 3**

Overview of major concepts and concerns of nonprofit organizations, including tax-exempt status, incorporation, nonprofit-government relations, board-director-staff relations, volunteers, services and program planning, implementation, resource development.

**Prerequisites:** Senior or graduate standing.

For course descriptions, please see the [University Catalog](#).

## **Public Health Education**

### **Suggested Courses:**

#### **HEA 601 Principles of Community Health Education 3**

Factors affecting health and disease, principles underlying health education practice, and the role of health education in health promotion and disease prevention.

**Prerequisites:** Admission to the MPH program or permission of instructor.

#### **HEA 602 Epidemiology 3**

Disease etiology and identification of risk factors, utilizing epidemiologic and biostatistical concept and methods. Applications of epidemiology and biostatistics to assess the efficacy of community health programs.

#### **HEA 604 Public Health Statistics 3**

Investigation of data sources and methods used to gather, analyze and interpret health data; emphasis on computer application.

**Prerequisites:** Admission to the MPH program or permission of instructor.

#### **HEA 608 Environmental Health 3**

Analysis of local, national, and international environmental issues influencing the health of individuals and communities; air and water quality, waste management, disease control, occupational settings, population, and environmental planning.

#### **HEA 645 Health Policy 3**

Health policy process in the US; examination of historical and current health policy issues, and survey of methods for analyzing health policy options.

**Prerequisites:** Admission to a graduate degree program or permission of instructor.

For additional information, please see the [University Catalog](#).

## **School Administration**

### **Suggested Courses:**

If interested in applying to the **PMC in School Administration:**

#### **ELC 670 Leadership for Teaching and Learning 3**

Examines conceptions of "good" schools and the nature of instruction, curriculum, assessment, and professional development. Explores leadership, change, and school renewal that works toward good schooling and pedagogy.

## **Sociology**

### **Suggested Courses:**

**SOC 552 Sociology of Science and Technology 3**

Nature and origins of modern science; relations of science and technology; science in democratic and authoritarian societies; images of scientists; origins and recruitment of scientists; career patterns; the organizational setting.

Prerequisites: 6 s.h. of sociology at 300 level or above or permission of instructor.

**SOC 640 Cultural Sociology 3**

Graduate seminar in cultural sociology; an exploration of cultural products and practices, the relationship between culture and society, theories of culture, and issues pertaining to meaning, interpretation, and representation.

**SOC 644 Sociology of Globalization 3**

Sociological perspectives on globalization and its effects. Trends in theory and research.

**SOC 646 Teaching and Learning Sociological Concepts 3**

Goals, methods, and evaluation in teaching and learning sociology at the college level. Students prepare course objectives and outlines, select instructional materials, and present demonstration lectures and discussions.

**SOC 697 Special Problems in Sociology 3**

Independent study or research.

**SOC 698 Research Experience in Sociology 3**

Independent research.

Prerequisites: Permission of faculty member with whom students wish to work.

**SOC 653 Social Control 3**

Theoretical and empirical analysis of institutions of social control through an examination of societal responses to groups and behaviors labeled as deviant.

For additional information, please see the [University Catalog](#).

## Special Education

### Suggested Courses:

**SES 540 Intro to Special Education 3**

Introductory course designed to survey the field of students with disabilities. Major attention focused on characteristics of students with disabilities, free appropriate public education, and the least restrictive environment.

**Prerequisites:** Seniors or graduate standing.

**SES 601 Introduction to Inclusive Birth-Kindergarten Services 3**

Introduction to issues and policies in inclusive birth through kindergarten programs. Legislation, service delivery models, policy issues, family roles, and research outcomes discussed.

**SES 610 Ecologically Based Instruction 3**

This course will enable the participant to identify psychological, physical, educational, medical, behavioral, and learning characteristics and needs of students with disabilities.

**SES 643 Special Education Trends/Issues 3**

Explores critical issues and strategies in developing, implementing, evaluating, and financing programs and services for students with disabilities.

**SES 659 Behavior Management 3**

Concepts, skills, and practices for understanding and using principles of behaviorism in the education of students.

For additional information, please see the [University Catalog](#).

## **Teacher Education**

### **Suggested Courses:**

#### **TED 669 Educational Implications of Learning and Developmental Theory 3**

How learning and developmental theories define the teacher's role as instructional leader, how curricular materials might be designed and used, and student learning and motivation.

#### **TED 749 Disciplined Inquiry in Teacher Education 3**

For additional information, please see the [University Catalog](#).

## **Theatre/Drama**

### **Suggested Courses:**

#### **THR 503 Period Styles in Performance Design I 3**

Study of period style and how it is used in performance design. First semester: architecture, decor, and fashion from antiquity to Renaissance. Second semester: architecture, decor, and fashion from Renaissance to present.

**Prerequisites:** Admission to B.F.A./MFA design program. or permission of instructor.

#### **THR 504 Period Styles in Performance Design II 3**

Study of period style and how it is used in performance design. First semester: architecture, decor, and fashion from antiquity to Renaissance. Second semester: architecture, decor, and fashion from Renaissance to present.

**Prerequisites:** Pr. admission to B.F.A./MFA design program. or permission of instructor.

#### **THR 505 American Theatre History 3**

Development of Theatre in America from its beginnings to the present. Includes consideration of theatre artists and companies, audiences, performance spaces, production and business practices, plays, and playwrights.

**Prerequisites:** Junior standing or permission of instructor.

#### **THR 596 Applied Theatre II 1-4**

Intensive experience in one or more areas of theatre production.

**Prerequisites:** BA, BFA, and MFA Theatre Majors, or permission of the instructor.

For additional information, please see the [University Catalog](#).