

HCAD: HEALTHCARE ADMINISTRATION

- HCAD 4100 Healthcare Human Resources Management** 3-0-3
Prerequisites: MGNT 3250 and PERS 2485. Basic concepts of human resource management applied to healthcare organizations. Topics include selection of healthcare personnel; training in a clinical setting; scheduling with emphasis on shift, legal, and regulatory issues; motivation, compensation, and retention; managing shortages and surpluses; and discipline in health-related professions. Additional topics are the Joint Commission (on Accreditation of Healthcare Organizations) and organized labor in healthcare organizations.
- HCAD 4980 Internship in Healthcare Administration** 3-0-3
Prerequisite: Completion of Internship Agreement Form and Senior Standing. Graded “Satisfactory” or “Unsatisfactory.” The application of healthcare administration concepts and skills in a healthcare organization. Students must adhere to the Healthcare Administration Internship Program Guidelines and may receive credit for the course only once.

HIST: HISTORY

- HIST 1011 History of Civilization I** 3-0-3
Survey of the development of major world civilizations from antiquity through the 14th century. Emphasis will be placed on the cultural achievements of each civilization.
- HIST 1011H Honors History of Civilization I** 3-0-3
Survey of world civilizations from antiquity through the 14th century. Emphasis will be placed on the cultural achievements of each civilization; taught in an enriched environment.
- HIST 1012 History of Civilization II** 3-0-3
Survey of early modern world civilizations from the 15th through the 18th century. Emphasis will be placed on the growing interactions of world cultures.
- HIST 1012H Honors History of Civilization II** 3-0-3
Survey of early modern world civilization from the 15th through the 18th centuries. Emphasis will be placed on the growing interactions of world cultures; taught in an enriched environment.
- HIST 1013 History of Civilization III** 3-0-3
Survey of world civilizations during the 19th and 20th centuries. Emphasis will be placed on the impact of industrialization, global conflict, and the emergence of the Third World.
- HIST 1013H Honors History of Civilization III** 3-0-3
Survey of world civilizations during the 19th and 20th centuries. Emphasis will be placed on the impact of industrialization, global conflict, and the emergence of the Third World; taught in an enriched environment.
- HIST 2111 United States History to 1865** 3-0-3
A survey of the major political, economic, social, and cultural developments in the United States and Georgia to 1865. (Either HIST 2111 or HIST 2112 satisfies legislative requirements for U.S./Georgia History.)
- HIST 2111H Honors United States History to 1865** 3-0-3
A survey of the major political, economic, social, and cultural developments in the United States and Georgia to 1865, taught in an enriched environment. (Either HIST 2111H or HIST 2112H satisfies legislative requirements for U.S./Georgia History.)
- HIST 2112 United States History Since 1865** 3-0-3
A survey of the major political, economic, social, and cultural developments in the United States and Georgia since 1865. (Either HIST 2111 or HIST 2112 satisfies legislative requirements for U.S./Georgia History.)

- HIST 2112H Honors United States History Since 1865** 3-0-3
A survey of the major political, economic, social, and cultural developments in the United States and Georgia since 1865, taught in an enriched environment. (Either HIST 2111H or HIST 2112H satisfies legislative requirements for U.S./Georgia History.)
- HIST 3000 Study of History** 3-0-3
Prerequisites: ENGL 1101 or 1101H, and ENGL 1102 or 1102H; nine (9) semester hours from HIST 1011 or 1011H, 1012 or 1012H, 1013 or 1013H, 2111 or 2111H, 2112 or 2112H; declaration of a major in history. An overview of the study of history, with emphasis on historiography and historical methods. Must be taken as, or concurrently with, the first upper-division history course.
- HIST 3010 Women in Ancient Greece and Rome** 3-0-3
Also offered as WMST 3010. Issues of particular relevance to women in Greek and Roman society and their modern parallels. Topics include: social, political, and legal rights; the family, marriage, and children; health issues; women and work.
- HIST 3020 The Status of Women: Historical Perspectives** 3-0-3
Also offered as WMST 3020. Women in the Western historical tradition with emphasis upon historiographical methods of working women's lives. Primary source materials reveal the evolution of women's views of themselves, first as expressed by men, then by women as they begin to speak of themselves.
- HIST 3030/3040/3050/3060/3070/3080/3090 Special Topics in History** 3-0-3 each
Selected themes of historical and contemporary interest.
- HIST 3030 H Honors Topics in U. S. History** 3-0-3
Special topics in United States history for History Honors Track. May be repeated for credit.
- HIST 3040 H Honors Topics in European History** 3-0-3
Special topics in European history for History Honors Track. May be repeated for credit.
- HIST 3050 H Honors Topics in World History** 3-0-3
Special topics in world history for History Honors Track. May be repeated for credit.
- HIST 3120 History of Cuisine and Culture** 3-0-3
Overview of food and human society from early human civilization to the modern era. The course will emphasize changes in food production and consumption as well as the development of ethnic and cultural differences in cuisine.
- HIST 3201 The Ancient Near East** 3-0-3
The history of Ancient Egypt and Mesopotamia, with emphasis on political structures, social institutions, and cultural developments.
- HIST 3202 Hellenistic Greece and Rome** 3-0-3
A study of Mediterranean civilizations from the era of Alexander the Great through the fall of the Roman Empire. Greco-Roman contributions to western cultural traditions will be emphasized.
- HIST 3203 Renaissance and Reformation** 3-0-3
A study of the cultural, intellectual, and religious life of Europe in the 14th, 15th, and 16th centuries.
- HIST 3205 Europe in the Age of Louis XIV, 1648-1750** 3-0-3
A study of major trends in European history from the Peace of Westphalia to the Enlightenment. Cultural, social, and political achievements of European countries will be stressed.
- HIST 3206 Revolutionary Europe, 1750-1815** 3-0-3
A study of major developments in Europe from the Enlightenment through the defeat of Napoleon. The impact of the French Revolution on Europe will be emphasized.
- HIST 3207 Europe, 1815-1914** 3-0-3
A survey of the leading developments of the period in Europe, including social and nationalistic trends. Emphasis is placed on factors leading to World War I.

- HIST 3208 Europe, 1914-1945** 3-0-3
A survey of the lost generation living in a society broken and disillusioned by World War I.
- HIST 3209 Europe Since 1945** 3-0-3
A study of European domestic and international affairs since 1945 with emphasis upon the major states.
- HIST 3301 Britain to 1603** 3-0-3
History of the British Isles from prehistory to the advent of the Stuarts, with emphasis on political, social, economic, and cultural developments.
- HIST 3302 Britain Since 1603** 3-0-3
History of the British Isles from 1603 to the present, with emphasis on political, imperial, social, and economic developments.
- HIST 3303 English Constitutional History** 3-0-3
A study of the development of English judicial and governmental institutions from the Anglo-Saxon period to the present.
- HIST 3401 Slavic Europe to 1815** 3-0-3
History of Slavic Europe from the early Middle Ages to the end of the Napoleonic Wars. The course will examine the history of Russian and other Slavic peoples, with an emphasis on political, religious, social, and economic developments.
- HIST 3402 Slavic Europe Since 1815** 3-0-3
History of Slavic Europe from 1815 to the present. The course will examine the history of Russian and other Slavic peoples in the modern period.
- HIST 3500 German History, 1700-1945** 3-0-3
An in-depth study of German history from the rise of Brandenburg-Prussia to the fall of Nazi Germany. Topic areas include social, political, intellectual, cultural, diplomatic, and gender history.
- HIST 3502 Topics in German History** 3-0-3
An in-depth study of the history and historiographical and philosophical debates of a particular issue or period in German history. May be repeated for credit.
- HIST 3601 World Military History to 1618** 3-0-3
Overview of major developments in military history to 1618. The course examines changes in military strategy, technology, and organization, with a focus on comparing systems in different regions and time periods.
- HIST 3602 World Military History Since 1618** 3-0-3
Overview of major developments in military history since 1618 and the outbreak of the Thirty Years War. The course examines changes in military strategy, technology, and organization, with a focus on comparing systems in different regions and time periods.
- HIST 3990 History Teaching Tutorial** 0-2-1
Prerequisites: Completion of one of the following - HIST 1011, 1011H, 1012, 1012H, 1013, 1013H, 2111, 2111H, 2112 or 2112H; Junior or Senior standing; declaration of the major in history, secondary history education, or middle grades education with a primary concentration area in social studies. An introduction to the process of teaching history at the postsecondary survey level. Under the direction of a history faculty member, students will engage in a variety of activities such as observing classes, conducting study sessions and tutorials, and other activities directly related to a designated lower division (1000-2000 level) history survey course. May be taken three times for credit with a different faculty mentor and a different course in each instance.
- HIST 4100 United States Constitutional History** 3-0-3
Development of American constitutionalism from its origins in England and colonies to the present time.

- HIST 4101 American Legal History** 3-0-3
 History of American law from colonial times to the present. The course will examine developments in American legal history, especially the relationship between social and legal changes in such areas as criminal law, the law of slavery, and private law, particularly at the state level. The course also examines the development of such legal institutions as the bench and bar and legal education.
- HIST 4105 European Ethnicity in American History** 3-0-3
 A study of European immigration to the United States during the 19th and 20th centuries. The course will examine the reason why Europeans came to American, the problems they faced in the assimilation process, and the contributions they made to the growth of the United States.
- HIST 4198 Colonial North America to 1763** 3-0-3
 A study of major themes in colonial history in North America to 1763. The course will examine such themes as the origins of European colonization, the development of slavery, gender and race relations, religion and society, the imperial struggle for North America, and intercultural relations among Europeans, Africans, and Native Americans.
- HIST 4199 Revolutionary America, 1763-1789** 3-0-3
 A study of the American Revolutionary era from the end of the Seven Years War to the ratification of the Constitution. The course examines political, economic, cultural, social, and military history of the period, with special emphasis on race and gender relations, the origins of American identity, the War for Independence, and the drafting and ratification of the Constitution.
- HIST 4202 United States, 1789-1850** 3-0-3
 A study of United States history from the Washington administration through the Compromise of 1850, focusing on political, cultural, social, and economic developments.
- HIST 4203 United States, 1850-1877** 3-0-3
 A study of United States history from the Compromise of 1850 to the end of Reconstruction. Focuses on the sectional crisis of the 1850s, the Civil War, and the Reconstruction process after the war.
- HIST 4204 United States, 1877-1921** 3-0-3
 A study of United States history from the end of Reconstruction to the end of the Wilson administration. Emphasizes diplomatic, ethnic, cultural, political, and social developments.
- HIST 4205 United States, 1921-1945** 3-0-3
 A study of United States history from the end of World War I to the end of World War II. Focuses on the "Roaring '20s," the Great Depression, and U.S. involvement in World War II.
- HIST 4206 United States Since 1945** 3-0-3
 A study of United States history since World War II with emphasis on political, cultural, social, and economic developments and the nation's foreign relations.
- HIST 4207 United States Diplomacy to 1921** 3-0-3
 A study of United States foreign relations from the Revolutionary period through 1921.
- HIST 4208 United States Diplomacy since 1921** 3-0-3
 A study of United States foreign relations since 1921
- HIST 4211 Georgia History through 1865** 3-0-3
 A study of Georgia's history from its occupation by the earliest Indians through the Civil War, with attention to the state's development in its regional, national, and international context. Satisfies the Georgia History legislative requirement.
- HIST 4212 Georgia History since 1865** 3-0-3
 A study of Georgia's history from the Civil War to the present, with attention to the state's development in its regional, national, and international context. Satisfies the Georgia History legislative requirement.

- HIST 4220 Local History** 3-0-3
A study of the methodology of local history research and writing. The course examines aspects of south Georgia history as a means of providing the student with an opportunity to apply the methodology.
- HIST 4221 The Old South** 3-0-3
A detailed study of the social, economic, cultural, and intellectual life of the colonial and antebellum South, with consideration of the influence of slavery.
- HIST 4222 The New South** 3-0-3
A history of the South since the Civil War, with special attention to political, social, economic, and cultural developments, as well as the problems of southern blacks after emancipation.
- HIST 4225 History of the American West** 3-0-3
History of the American West from Spanish colonial times to the present. The course will consider economic, social, political, and cultural developments of the region.
- HIST 4226 Southeastern Colonial Experience** 3-0-3
A study of the American Southeast in colonial times. The course will examine English, Spanish, and French colonial activity as well as the distinctive history of African Americans and Native Americans in the region as they relate to the colonizing powers.
- HIST 4231 African-American History to 1865** 3-0-3
Also offered as AFAM 4231. The history of the African-Americans from their origin in Africa to the end of slavery in the U.S., with emphasis on their economic life and social thought.
- HIST 4232 African-American History Since 1865** 3-0-3
Also offered as AFAM 4232. The history of the African-American struggle for equality after emancipation, with special focus on the problems of black leadership from Frederick Douglass to the present.
- HIST 4240 American Social History** 3-0-3
Analysis of the major trends in religion, culture, social structures, and social groups in the United States from the Colonial Era until the present. Particular attention is paid to the experiences of the various ethnic groups making up the American people.
- HIST 4241 Native American History to 1850** 3-0-3
Overview of Native American history in North America from the earliest human occupation of the continent to 1850. The course examines the economic, cultural, diplomatic, military, and social history of Native Americans, including the development and implementation of Indian policies by non-natives.
- HIST 4242 Native American History Since 1850** 3-0-3
Overview of Native American history in North America since 1850. The course examines the economic, cultural, diplomatic, military, and social history of Native Americans, including the development and implementation of United States Indian policy.
- HIST 4243 Native People in the American Southeast** 3-0-3
A study of the native peoples of the southeastern United States from prehistory to Removal. The course will emphasize social and cultural changes as well as relationships among native groups.
- HIST 4250 History of Religion in the South** 3-0-3
Overview of general religious patterns and their influence on southern society, with particular attention to mass religious movements such as the Great Awakening, Great Revival, Mission/Antimission Movement, Confederate Religion, African American Religion, Holiness/Pentecostalism, the Charismatic Movement, and the rise of the Religious Right. The course also focuses on the origins and development of the major denominations in the South.

- HIST 4261 Women in the U.S. to 1869** 3-0-3
Also offered as WMST 4261. A study of United States history from the perspective of women. Includes social, cultural, political, intellectual, and economic aspects of the nation's history, and more specifically, the ways women influenced and were influenced by various events and movements in U.S. history from the Colonial period to 1869.
- HIST 4262 Women in the U.S., 1869 to the Present** 3-0-3
Also offered as WMST 4262. A study of United States history from the perspective of women. Includes social, cultural, political, intellectual, and economic aspects of the nation's history, more specifically, the ways women shaped and were influenced by various events and movements in U.S. history from 1869 to present.
- HIST 4270 History of Women in the U.S. South** 3-0-3
Also offered as WMST 4270. A study of the history of the U.S. South from women's perspectives. An examination of the contributions of women to southern social, cultural, and political developments, and of the ways in which gender, class, and race influence women's regional identity.
- HIST 4280 History of U.S. Women Activists and Social Reformers** 3-0-3
Also offered as WMST 4280. An examination of women activists and reformers at different periods in U.S. history, of the issues that have motivated women to activism and reform efforts, and of the ways women have contributed to, influenced, and been influenced by various social movements in U.S. history.
- HIST 4290 U. S. Military History** 3-0-3
A study of military experiences and issues in American history from the Colonial Era to the present. The course analyzes war, its economic issues, technological developments, politics, and other factors that have influenced military aspects of American history.
- HIST 4291 U. S. Political History I** 3-0-3
A study of U.S. political history to 1877. Special emphasis will be placed on national elections and the parties and issues that have influenced American political history.
- HIST 4292 U. S. Political History II** 3-0-3
A study of U.S. political history from 1877 to the present. Special emphasis will be placed on national elections and the parties and issues that have influenced American political history.
- HIST 4295 Environmental History** 3-0-3
Overview of environmental history with particular emphasis on North America. The course will examine human impact on the environment from the earliest times to the present, as well as the development of conservation policies and the environmental movement.
- HIST 4301 Colonial Latin America** 3-0-3
The founding, growth, and development of Latin America by Spain and Portugal to the wars of independence.
- HIST 4302 Republican Latin America** 3-0-3
Major historical trends in Latin America since the wars of independence.
- HIST 4303 The Spanish Borderlands** 3-0-3
A study of the history of Spanish North America and its influence on the history of the United States and Native Americans, 1513-1850. Special emphasis will be placed on the region's diversity of peoples and intercultural relations as well as aspects of social, cultural, economic, imperial, and military history.
- HIST 4304 The Caribbean** 3-0-3
Political, economic, social, and cultural developments of the major Caribbean countries, 1492 to the present.
- HIST 4401 East Asia** 3-0-3
An analysis of the principal historical and cultural developments in China, Japan, and Korea, with special emphasis upon the interactions of these nations among themselves, their responses to western culture, and their roles in regional and world affairs.

- HIST 4402 Asia in the Modern World** 3-0-3
A general overview of the role of Asia in the contemporary world, with special reference to such phenomena as geography, population trends, cultural diversity, and regional and world interactions of the Asian nations.
- HIST 4403 The Indian Subcontinent** 3-0-3
An analysis of the 5000-year-old culture of the Indian sub-continent and Sri Lanka, with major emphasis upon the indigenous religions of the region and the impact of western culture and Christianity. Other topics considered are population, caste, the family, village life, government organization, the impact of British rule, and the independence movements that led to the establishment of the independence of India, Sri Lanka, and Bangladesh.
- HIST 4404 History of the Vietnam War** 3-0-3
An exploration of the many interrelated aspects of the conflict in Vietnam. Topics include French colonization, Ho Chi Minh and Vietnamese nationalism, the 1946-1954 war between the French and the Vietminh, the Cold War policies of the United States, escalating United States intervention in Vietnam, the United States's war in Vietnam (1965-1973), the fall of Saigon, domestic opposition to the war within the U.S.A., and postwar legacies of the conflict.
- HIST 4501 History of the Middle East to 1798** 3-0-3
Overview of the political, religious, and cultural history of the Middle East from the beginning of the Islamic era to Napoleon's invasion of Egypt.
- HIST 4502 History of the Middle East Since 1798** 3-0-3
Overview of the history of the Middle East in the modern period. The course examines the development of modern states, the effects of imperialism, the impact of World War I and II, and the results of the Arab-Israeli conflict.
- HIST 4511 Precolonial Africa** 3-0-3
Also offered as AFAM 4511. An analysis of the 8000-year-old cultures of the Nile Valley including Egypt, Nubia, and Kush; West Africa and its contacts with the Middle East and Europe; the East African city-states and their contacts with India.
- HIST 4512 Modern Africa** 3-0-3
Also offered as AFAM 4512. An examination of the European colonization of Africa and the African response. The course also examines the emergence of African nationalism and the problems of creating new states.
- HIST 4800 Directed Study in History** 3-0-3
Supervised readings in areas of history not normally available in regular course offerings, with regular conferences between instructor and student.
- HIST 4800 H Honors Directed Study: Thesis** 3-0-3
Directed study in selected areas of history, with regular conferences between instructor and student, leading to the writing of a thesis. For students in the Honors History Track.
- HIST 4810 Internship in History** 3-0-3 to 9-0-9
Graded "Satisfactory" or "Unsatisfactory." Supervised practical experience related to the discipline of history in an appropriate agency, combined with a program of academic work. The number of credit hours granted is dependent on the nature of the program, the hours worked, and the academic program approved in advance.
- HIST 4950 Senior Seminar** 3-0-3
Prerequisite: HIST 3000 and senior standing. A seminar focused on selected topics and designed to help students synthesize their knowledge and reinforce the skills they have acquired as history majors.

HONS: HONORS

- HONS 1990 Honors Introductory Seminar** 2-0-2
Prerequisite: Admission to the Honors Program. A seminar, usually with an interdisciplinary focus, designed for students entering the Honors Program. Covers acculturation into the Honors Program, along with exposure to methods of inquiry, modeling behavior, and resources of the university community.
- HONS 2010 Honors Colloquium** 2-0-2
Co-requisite: HONS 1990. A series of lectures and discussion sessions offered on particular themes, leading to extended work in one particular area of research.
- HONS 3330 Honors Option Credit** 0-0-0
Prerequisite: HONS 1990 and approval of the Honors Director. Graded “Satisfactory” or “Unsatisfactory.” Supervised tutorial experience between student and teacher that generates Honors credit for a non-Honors course. May be taken no more than three times.
- HONS 3990 Honors Capstone Seminar** 3-0-3
Prerequisite: HONS 1990 and twelve hours in the Honors Program. An interdisciplinary seminar on a selected topic. May be repeated for credit if topics are different.
- HONS 3999 Introduction to Honors Research** 3-0-3
An introduction to a wide range of research methods emphasizing the ability to read, interpret, conduct, report, and present research in the student’s discipline area.
- HONS 4000 Honors Independent Study** 1-0-1 to 3-0-3
Directed studies or guided research in a selected area for Honors students. May be repeated for credit.
- HONS 4990 Honors Senior Project** 2-0-2
Prerequisite: HONS 1990, 2010, and twenty hours in the Honors Program. Development, assembly, and presentation of an extended research project or portfolio geared along interdisciplinary lines.

IB: INTERNATIONAL BUSINESS

- IB 3000 Introduction to International Business** 3-0-3
An evaluation of country risks, distinguishing between different foreign business structures and practices, and a critical evaluation of cultural distinctions and their effects on individuals.

INTL: INTERNATIONAL/INTERCULTURAL STUDIES

- INTL 2090 Introduction to International/Intercultural Studies** 3-0-3
An overview of international studies as a field of inquiry and practice. An examination of the primary approaches to international study, the development of a cross-cultural perspective in the study of international problems, and an appreciation of the complexities of cross-cultural communication are emphasized.
- INTL 3000 Foreign Exchange** 0-0-0
A course for foreign students enrolled at VSU under official exchange agreements of the University.
- INTL 3170 Topics in International/Intercultural Studies** 1-0-1 to 3-0-3
Special topics in international studies include on-campus experiences, seminars, and workshops such as the National Model United Nations programs and the spring courses offered in conjunction with the Focus lecture series each spring. May be repeated for credit.

- INTL 3500 Study Abroad** 0-0-0 to 9-0-9
Prerequisite: Acceptance to a VSU study abroad program. Courses for students studying abroad on VSU-approved programs. Students must have written approval from the Center for International Programs and relevant academic units to register for these courses. The number of credit hours granted is dependent on the nature of the program.
- INTL 3510 Study Abroad** 0-0-0 to 9-0-9
Prerequisite: Acceptance to a VSU study abroad program. Courses for students studying abroad on VSU-approved programs. Students must have written approval from the Center for International Programs and relevant academic units to register for these courses. The number of credit hours granted is dependent on the nature of the program.
- INTL 3520 Study Abroad** 0-0-0 to 9-0-9
Prerequisite: Acceptance to a VSU study abroad program. Courses for students studying abroad on VSU-approved programs. Students must have written approval from the Center for International Programs and relevant academic units to register for these courses. The number of credit hours granted is dependent on the nature of the program.
- INTL 4800 Senior Capstone Course** 3-0-3
Prerequisite: Successful completion of a relevant overseas study experience and all other coursework within the minor. Development, assembly, and presentation of an extended research project focused on the student's minor emphasis, under the direction of a faculty supervisor in that field.

INTP: INTERPRETING

- INTP 2998 Entry into the Profession** 0 credit hours
Graded "Satisfactory" or Unsatisfactory. A required non-credit course for all interpreting candidates pursuing a VSU-recommended program of study. The course must be successfully completed prior to admission to professional courses SPEC 3100, ASLS 3140, DEAF 3110, 3120, 3130, and INTP 3010, 3150, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080. Candidates are required to establish an electronic portfolio, have passed or exempted the Regents' exam, have a 2.5 GPA, have a satisfactory criminal background check, and purchase liability insurance. If an "Unsatisfactory" grade is earned, the course must be repeated until a "Satisfactory" grade is received.
- INTP 3010 Introduction to ASL–English Interpretation** 3-0-3
Prerequisite: INTP 2998 and SPEC 2120. An overview of the field of interpreting, which examines the role of ASL/English interpreters in a variety of setting in which they work, including education; medical, legal, and social services; and other settings. It provides an in-depth analysis and application of the NAD-RID Code of Professional Conduct and ethical decision making.
- INTP 3150 English–ASL Translation** 3-0-3
Prerequisites: INTP 2998, SPEC 3110, SPEC 3170. A skills-oriented course designed to provide students with practice translating English to ASL and ASL to English. The primary focus of the class will be on the process of translation, i.e., analysis, transfer and reformulation of the source text in the target language when there is substantial time to consider language form and function, cultural parallelism, and pragmatic aspects of the translation. Students will engage in practice of meaning analysis, written transcription, and signed and spoken translation.
- INTP 4010 Consecutive English/American Sign Language Interpreting** 3-0-3
Prerequisites: INTP 2998, COMD 3140, INTP 3010, and SPEC 3140. A skills class designed to provide students with the opportunity to develop and enhance their interpreting skills. The course emphasizes techniques for interpreting spoken instructional and non-instructional activities into American Sign Language.

- INTP 4020 Consecutive American Sign Language/English Interpreting** 3-2-4
Prerequisites: INTP 2998, COMD 3140, INTP 3010, and SPEC 3140. A study of the principles and problems relating to interpreting a signed message from the deaf individual into its spoken English equivalent. Emphasis is placed on word choice, register, inflection, clarity, tone, and intent of the message.
- INTP 4030 Consecutive Transliterating English to English Sign Systems** 3-0-3
Prerequisites: INTP 2998, COMD 3140, INTP 3010, and SPEC 3140. A course focusing on transliterating skills. Emphasis is placed on techniques for transliterating instructional and non-instructional classes and activities found in the public school system. Particular attention is given to the use of English sign systems as they relate to subject matter that requires an English-based sign system (English, reading, and related language skills courses).
- INTP 4040 Practicum for Educational Interpreters** 1-4-3
Prerequisites: INTP 2998, COMD 3140, INTP 3010, and SPEC 3140. Provides advanced students with structured observation of professional interpreters and an opportunity to acquire additional knowledge about the profession of interpreting.
- INTP 4050 Simultaneous English/American Sign Language Interpreting** 3-0-3
Prerequisites: INTP 2998, INTP 3010, INTP 4010, INTP 4020, INTP 4030, and INTP 4040. An extension of INTP 4010. This course is designed to strengthen the skills of advanced-level students so that they are able to interpret accurately a spoken message in American Sign Language.
- INTP 4060 Simultaneous American Sign Language Interpreting/English** 3-0-3
Prerequisites: INTP 2998, INTP 3010, INTP 4010, INTP 4020, INTP 4030, and INTP 4040. A continuation of INTP 4030. This course is designed to strengthen the skills of advanced-level students to interpret accurately information presented in American Sign Language into appropriate spoken English. Emphasis continues to be placed on word choice, register, inflection, clarity, tone, and intent of the message.
- INTP 4070 Simultaneous Transliterating English to English Sign Systems** 3-0-3
Prerequisites: INTP 2998, INTP 3010, INTP 4010, INTP 4020, INTP 4030, and INTP 4040. A continuation of INTP 4040. This course is designed to give students additional opportunities to enhance their transliterating skills. Emphasis is placed on techniques for transliterating instructional and non-instructional activities found in the public school system. Continued attention is given to increasing fluency and selecting sign choice equivalencies and structures that best match the spoken message.
- INTP 4080 Educational Interpreting Internship** 1-20-6
Prerequisites: INTP 2998, INTP 3010, INTP 4010, INTP 4020, INTP 4030, and INTP 4040. An opportunity for students to work in a school system and apply their interpreting skills in the educational setting. Sites for internships are selected where mentors are available to further promote student growth and development. Students become familiar with the duties and responsibilities that interpreters have in the classroom.

ISCI: INTEGRATED SCIENCE

- ISCI 2001 Life and Earth Science for Early Childhood Education Teachers** 2-2-3
 An integrated overview of the core life and earth science content covered in the K-5 Georgia performance standards. Topics include the solar system, earth processes, characteristics of living organisms, biodiversity, and the natural history of Georgia.
- ISCI 2002 Physical Science for Early Childhood Education Teachers** 2-2-3
 A basic overview of the principles of scientific investigation utilizing topics in physics and chemistry. Transformations and interactions of matter and energy will be studied at the conceptual level. Scientific tools and instruments as well as mathematical skills will be used in scientific activities. Important features of scientific inquiry, including the scientific method, will be emphasized.

- ISCI 3000 Science for Early Childhood Education Teachers** 2-2-3
Prerequisite: ECED 2999 or SPEC 2000. Basic information about biology, chemistry, and the physical sciences including astronomy, geology, and physics for early childhood education majors. The course will provide an integrated view of the role of the biological, chemical and physical sciences in understanding the natural world. Coordinated laboratory activities will be an integral part of the course.
- ISCI 3101 Matter and Energy for Middle Grades Education** 3-2-4
 A study of matter and energy, concentrating on the properties and phases of matter, motion, forces, and exchange of energy. Students will gain a conceptual understanding of Newton's laws, electricity and magnetism, the structure of the atom, and chemical bonding and reactions. Interactive demonstration and laboratory experiments will illustrate important concepts.
- ISCI 3102 Earth and Space Science for Middle Grades Education** 3-2-4
 An integrated overview of Earth and space science for MGE majors with a concentration in science. Topics include plate tectonics, Earth materials and resources, Earth history, weather and climate, oceanography, global cycles, the solar system, origin and evolution of stars, and cosmology.
- ISCI 3103 Natural History for Middle School Teachers** 3-2-4
 Survey primarily of the biota of south Georgia and associated biological processes. Using the biota of southern Georgia as a model, students will study basic ecological principles, population structure and dynamics, life history patterns, and reproductive strategies and behaviors common to living systems. Special topics covered in the course include the biology of rare and endangered species and the importance of biological resources to human society.

JAPN: JAPANESE

- JAPN 1001 Beginning Japanese Language and Introduction to Japanese Culture I** 3-0-3
 Emphasis on the development of proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing, as defined by the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions. JAPN 1001 is not open for credit to students with two or more years of high school Japanese or the equivalent.
- JAPN 1002 Beginning Japanese Language and Introduction to Japanese Culture II** 3-0-3
Prerequisite: JAPN 1001 or the equivalent. A continuation of JAPN 1001, with emphasis on proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing, as defined by the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions.
- JAPN 1111 Intensive Japanese Language and Japanese Culture** 3-0-3
Prerequisite: Two or more years of high school Japanese or the equivalent. Emphasis on the development of proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing, as defined by the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions. JAPN 1111 is a one-semester combination of JAPN 1001 and JAPN 1002. This course is designed for those students not fully prepared for the 1002 level. JAPN 1111 reviews the concepts presented in JAPN 1001 and advances the student through the material of JAPN 1002.
- JAPN 2001 Intermediate Japanese Language and Japanese Culture I** 3-0-3
Prerequisite: JAPN 1002 or the equivalent. Emphasis on the development of proficiency and communicative competence at the intermediate level in the four basic skills: speaking, listening, reading, and writing, as defined by the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Awareness and understanding of various sociocultural aspects and the distinctiveness of certain cultural traditions.

- JAPN 2002 Intermediate Japanese Language and Japanese Culture II** 3-0-3
Prerequisite: JAPN 2001 or the equivalent. A continuation of JAPN 2001, with emphasis on proficiency and communicative competence at the intermediate level in the four basic skills: speaking, listening, reading, and writing, as defined by the American Council on the Teaching of Foreign Languages Proficiency Guidelines. Awareness and understanding of various sociocultural aspects and the distinctiveness of certain cultural traditions.

JOUR: JOURNALISM

- JOUR 2500 Journalism Newspaper Seminar** 1-0-1 to 2-0-2
 A practicum for students involved in newspaper production. Content, editing, and production (traditional and electronic) will be addressed. In order to register for two hours, students must have already completed one semester of JOUR 2500. May be repeated for credit.
- JOUR 2510 Journalism Newsletter Seminar** 1-0-1
 A practicum for students involved in the production of newsletters. Content, editing, and production (traditional and electronic) will be addressed. May be repeated for credit.
- JOUR 3080 Editing for Publications** 3-0-3
Prerequisite: ENGL 2110 or 2110H, 2120 or 2120H, 2130 or 2130H, or 2080. A study of the theory and practice of editing for publications. Topics include grammar and usage as well as practical rhetorical analysis to ensure effective communication. Students will be taught fundamental approaches to editing and the practical editing techniques.
- JOUR 3500 Introduction to Journalism** 3-0-3
 A survey of the development, function, and philosophy of journalism with an emphasis on contemporary attitudes, practices, and problems.
- JOUR 3510 News Writing** 3-0-3
 A basic course in writing and reporting for newspapers, with application to other mass communication media. The course acquaints students with the theoretical background and practical experience necessary for them to function effectively in journalistically related fields (newsletter writing, business writing, public relations).
- JOUR 3520 Essential Reporting Skills** 1-0-1 to 2-0-2
Prerequisite or corequisite: JOUR 3510. A study of practical reporting skills for gathering and presenting information, including basic math, fact-checking techniques, interviewing, speed writing, and radio and television formats. Students taking this course for the second hour will learn Web presentation skills for reporting news.
- JOUR 3530 Special Topics in Journalism** 3-0-3
 Selected subjects of interest in journalism.
- JOUR 3540 The Law and Journalism** 3-0-3
 A broad application of the principles of law to the mass media with emphasis on the print media. Topics including libel, privacy, obscenity, and free press-fair trial will be covered.
- JOUR 3560 Contemporary American Magazines** 3-0-3
Prerequisite: Permission of instructor. A survey of contemporary American magazines and their role in society. The course focuses on writing for specific audiences, interpreting policy and influence, resolving ethical questions, and reviewing production processes.
- JOUR 3570 Photojournalism** 3-0-3
 A basic course in the principles of news photography. This course will provide students with the fundamental and practical skills needed to photograph news events for newspapers and magazines for both print and online use.
- JOUR 4500 Document Design** 3-0-3
Prerequisite: ENGL 2060 or ENGL 2080, or permission of instructor. A study of the theory of layout and design, including editorial decision-making, photo editing, and production technology for print and online media.

- JOUR 4510 Feature Writing** 3-0-3
Prerequisite: Permission of instructor. A study of the theory and practice of writing a variety of features for newspapers and magazines, with emphasis on intensive research, interviews, use of statistics, and the organization of long articles.
- JOUR 4520 Literary Journalism** 3-0-3
Prerequisite: ENGL 2060 or ENGL 2080, JOUR 3510, or permission of instructor. A study of the theory and practice of applying fiction techniques to journalistic fact. The course will explore the relationship between literature and journalism, especially in terms of style and subject matter.
- JOUR 4530 Editorial, Column, and Review Writing** 3-0-3
Prerequisite: JOUR 3510. A study of the theory and practice of writing editorials, columns, and reviews.
- JOUR 4540 Journalism in the Digital Age** 3-0-3
Prerequisite: JOUR 3510 or permission of instructor. A study of journalistic writing and reporting techniques in the digital age, focusing on the Internet as a reporting tool, computer-assisted reporting, and methods to write effectively for online presentation.
- JOUR 4550 Reporting** 3-0-3
Prerequisite: JOUR 3510. An advanced course in reporting for the media. Emphasis will be on learning to cope with specialized, often highly technical or complex information. Students will learn the fundamentals of covering local government, law enforcement, and the courts and will deal with the controversial issues of our time.
- JOUR 4560 The Converged Newsroom** 3-0-3
Prerequisites: JOUR 3510 and JOUR 3520. A study of the theory and practice of journalistic convergence for multiple media outlets, specifically emphasizing the production of written and related material suitable for converged media.
- JOUR 4700 Directed Study in Journalism** 1-0-1 to 3-0-3
Prerequisite: JOUR 3510. Study in an area or subject not normally found in established courses offered by the department. Permission of adviser, instructor, and department head required. Forms must be completed before registration. May be repeated for credit.
- JOUR 4800 Internship in Journalism** 3-0-3 to 12-0-12
Graded "Satisfactory" or "Unsatisfactory." Supervised work at a newspaper, magazine, or related publication (traditional or on-line format). The amount of credit depends on the work requirements. Permission to enroll must be secured from the advisor and the department head at least one semester in advance of registration.

KSPE: KINESIOLOGY AND PHYSICAL EDUCATION

- KSPE 1010 Physical Fitness** 0-2-1
 Exercise sessions in the Fitness Center designed to improve the components of physical fitness for exercise science benefits. Assessment, interpretation, and discussion of physical fitness and selected health-related components are included.
- KSPE 1020 Weight Training** 0-2-1
 A beginning course emphasizing proper weight lifting techniques and the benefits of weight training exercises. Students will train the major muscle groups. Attention is given to weight room safety, policies and procedures
- KSPE 1021 Intermediate Weight Training** 0-2-1
 Students learn and practice new weight lifting techniques and will develop a personal weight training program.
- KSPE 1022 Advanced Weight Training** 0-2-1
Prerequisite: Permission of the instructor. Designed to teach power lifting and the Olympic lifts (the clean, the clean & jerk and the snatch).
- KSPE 1030 Step Aerobics** 0-2-1
 A beginning level course in the activity of stepping. Students train towards being able to step up for 30 continuous minutes.

KSPE 1031 Intermediate Step Aerobics	0-2-1
Prerequisite: KSPE 1030. An intermediate level course in the activity of stepping.	
KSPE 1050 Fitness Walking	0-2-1
Basic walking is used as a modality of exercise and instruction focuses on how walking can be used as a lifetime fitness activity. Students learn how to apply the basic principles of exercise and will be taught to monitor their pulse to assess exercise intensity.	
KSPE 1060 Jogging	0-2-1
Jogging or running is used as the exercise modality. Attention is given to the various training methods that runners use to improve their performance.	
KSPE 1070 Snow Skiing	0-2-1
A series of lessons designed for beginning to advanced snow skier. A five-day stay at an appropriate skiing location is required. A fee is required.	
KSPE 1071 Snow Skiing II	0-2-1
Prerequisite: KSPE 1070. For those who participated in KSPE 1070 and wish to make another ski trip. A fee is required.	
KSPE 1080 Beginning Tennis	0-2-1
A beginning course in tennis stressing the basics of singles and doubles play. Attention is given to the performance of the basic strokes as well as to the history, rules, etiquette and strategies of play.	
KSPE 1081 Intermediate Tennis	0-2-1
A continuation of KSPE 1080 designed for those who wish to learn more advanced techniques in the game of tennis. Attention is given to the improvement of the various strokes and to the development of advanced playing abilities.	
KSPE 1100 Beginning Badminton	0-2-1
A beginning course in badminton stressing the basic rules and strategies of play. Attention is given to the skills needed to participate successfully in the sport.	
KSPE 1101 Intermediate Badminton	0-2-1
A continuation of KSPE 1100 designed for those who wish to improve their skill level in the game of badminton. Attention is given to developing more advanced levels of game play.	
KSPE 1120 Beginning Golf	0-2-1
A beginning course designed to teach the basics of the game of golf. Instruction focuses on the grip, stance and basic swing pattern. A fee is required.	
KSPE 1121 Intermediate Golf	0-2-1
Provides instruction in all facets of the game of golf. Students work at mastering the basic skills by practicing various kinds of shots. A fee may be required.	
KSPE 1150 Bowling	0-2-1
Instruction is directed to the history, terms, scoring and techniques of bowling. Fee may be required.	
KSPE 1170 Karate	0-2-1
An introduction to the basics of Shorin-Ji Kempo Karate. Successful completion of the course requirements leads to yellow belt certification.	
KSPE 1240 Beginning Swimming	0-2-1
Red Cross instruction to equip the individual with the basic water safety skills and knowledge in order to make him or her reasonably safe while in, on or near the water. Designed for the non-swimmer.	
KSPE 1241 Intermediate Swimming	0-2-1
Prerequisite: Must be able to swim in deep water. A continuation of KSPE 1240 designed to introduce a wide variety of swimming skills.	
KSPE 1250 Scuba Diving	1-1-1
A beginning course in the skills of scuba diving. Students will learn and practice those scuba skills while working towards NAUI diver certification. A fee is required.	

- KSPE 1260 Fitness Swimming** 0-2-1
Prerequisite: Permission of Instructor. Principles and practices of distance and interval conditioning workouts.
- KSPE 1270 Volleyball** 0-2-1
 A beginning course designed to teach the fundamental skills, strategies, and team concepts of volleyball. Attention will be given to the mastery of skill development, rules, game etiquette, and historical information.
- KSPE 1290 Soccer** 0-2-1
 An introductory course designed to present the fundamental skills, strategies, and team concepts of soccer. Attention is given to the skills of dribbling, passing, shooting, trapping, heading and tackling.
- KSPE 1300 Basketball** 0-2-1
 An introductory course designed to present the fundamental skills, strategies, and team concepts of basketball. Attention is given to the improvement of the student's existing skill level.
- KSPE 1380 Special Topics: Physical Activity** 0-2-1 to 1-4-2
 Course designed to allow participation in special physical education activities not offered in the regular curriculum. May be repeated.
- KSPE 1390 Varsity Athletics** 0-2-1
Prerequisite: Member of a VSU Varsity Athletics Team. Development of skills, techniques and strategies of athletic performance through participation in the intercollegiate varsity athletic program. May be taken once during any academic year, and may be repeated for credit. Does not meet physical education activity requirement for education majors.
- KSPE 2000 Health and Wellness for Life** 2-0-2
 A course of study investigating the major health problems in modern society, with emphasis on methods of understanding and developing lifestyle changes for longer and healthier life. Information on topics such as alcohol, drugs, stress management, nutrition, sexually transmitted diseases, pregnancy and parenthood, cigarette and tobacco use, cancer, and cardiovascular diseases will be discussed.
- KSPE 2010 Fitness and Team Activities** 1-4-3
Prerequisite: KSPE 2999. Instructional techniques of soccer, speedball, volleyball, Frisbee, tumbling, health-related fitness, and elementary school physical education activities.
- KSPE 2020 Lifetime Activities** 1-4-3
Prerequisite: KSPE 2999. Instructional techniques of golf, tennis, pickleball, orienteering, adventure education, rhythms, swimming, and badminton.
- KSPE 2050 Introduction to Athletic Training** 1-2-2
Prerequisite: Overall GPA of 2.75. Co-requisite: KSPE 2151. Basic information concerning admission criteria, process, and retention requirements; the athletic training education program; and the profession of athletic training.
- KSPE 2070 Lifeguard Training** 1-2-2
Prerequisite: Demonstrate swimming competency. Red Cross course to lead to certification as a lifeguard.
- KSPE 2080 Water Safety Instructor** 1-2-2
Prerequisite: Demonstrate swimming competency. Red Cross course to lead to certification as a swimming instructor.
- KSPE 2150 First Aid - CPR** 1-2-2
 A study of the techniques of emergency first aid, cardiopulmonary resuscitation (adult, child, and infant) and accident prevention. Emphasis will be placed on examining the interrelationships among human behavior, the environment and accidents. Opportunity exists for each student to earn American Red Cross CPR certification and First Aid certification. Material purchase required.

- KSPE 2151 Advanced First Aid and CPR for Athletic Trainers** 1-2-2
Prerequisite: Overall GPA of 2.75. Co-requisite: KSPE 2050. A study of the advanced techniques of emergency first aid, cardiopulmonary resuscitation (CPR), automated external defibrillator application, airway management, and oxygen administration. Students may earn a national First Aid and CPR certification.
- KSPE 2800 Life Skills** 2-0-2
 A general overview of educational experiences and skills needed to develop well-balanced lifestyles. Emphasis is placed on decision making, values, goal setting, study skills, nutrition, sexual responsibility, alcohol and drug awareness, career planning and fiscal responsibility. Course is designed for student athletes.
- KSPE 2999 Entry to the Education Profession** 0 hours credit
Graded “Satisfactory” or “Unsatisfactory.” A required non-credit course for all teacher education candidates pursuing a VSU recommendation for initial certification; must be successfully completed prior to admission to teacher education. Candidates are required to establish an electronic portfolio and provide evidence that all teacher education admission requirements have been satisfactorily met. If an “Unsatisfactory” grade is earned, the course must be repeated until a “Satisfactory” grade is received.
- KSPE 3010 Exercise Testing and Prescription I** 3-0-3
Prerequisite: Acceptance to the Exercise Physiology Program. A concentrated study of the principles of exercise testing and prescription for the apparently healthy adult including the health appraisal, risk assessment, and interpretation of data. The American College of Sports Medicine exercise guidelines are emphasized.
- KSPE 3011 Exercise Testing and Prescription II** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 3010. A continuation of KSPE 3010, with emphasis on cardiovascular, pulmonary, and metabolic disease; the role and mechanism of action for medications such as alpha and beta blockers, calcium channel blockers, ACE inhibitors, nitrates, peripheral vasodilators, and diuretics. Additional classifications to be reviewed include inotropic, anti-arrhythmic, anti-thrombosis, lipid-lowering, hypo/hyperglycemic, anti-inflammatory, and bronchodilators.
- KSPE 3020 Assessments in Exercise Physiology** 1-4-3
Prerequisites: KSPE 3420 and KSPE 3010 and admission to the Exercise Physiology Program or permission of the Sports Medicine curriculum director. Development of knowledge, skills, and abilities in selecting, administering, and interpreting standardized health, athletic, and physiological-related physical fitness tests.
- KSPE 3050 Care and Prevention of Exercise-Related Injuries** 2-2-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 3430. Basic knowledge, skills, and abilities required for the prevention, treatment, and rehabilitation of common injuries related to physical activity. Students will undergo First Aid and Basic Life Support training, which will include the utilization of an Automated External Defibrillator.
- KSPE 3101 Foundations & Technology in Health and Physical Education** 2-2-3
Prerequisite: KSPE 2999. Information relative to the history, principles, important leaders, and philosophical bases of health and physical education. Introduction to the applications of technology usage in health and physical education disciplines, including LiveText software, web research, e-mail, and portfolio creation.
- KSPE 3141 First Aid/CPR and Care and Prevention of Athletic Injuries** 2-2-3
Prerequisite: KSPE 2999. Provides the student with pertinent information relative to various techniques of emergency, first aid, cardiopulmonary resuscitation (infant, child, and adult) and accident prevention. Opportunity exists for American Red Cross CPR certification and first aid certification. Exposure to basic concepts and techniques related to physical activity and athletic injury prevention, treatment, and rehabilitation. Designed for health and physical education majors.

- KSPE 3160 Special Topics in Exercise Science** 1-0-1 to 4-0-4
Prerequisite: permission of the instructor. A flexible course of study dealing with current events or special topics in exercise science. May be repeated.
- KSPE 3200 Nutrition for Health and Human Performance** 3-0-3
Prerequisite or co-requisite: KSPE 3420 or permission of instructor. **Prerequisites by program: Exercise physiology majors must have met program entry requirements. Health and physical education majors must have been admitted into the program and passed KSPE 2999. Admitted athletic training students and nutrition minors may be allowed to take the course with the approval of the program coordinator and the instructor.** An introduction to the characteristics of the essential dietary nutrients and their respective roles in the body. Emphasis is placed on the effects of nutritional practices on health and human performance.
- KSPE 3301 Contemporary Health Issues** 3-0-3
Prerequisite: KSPE 2999. Designed to provide pertinent information relative to selective health content areas often viewed as controversial, including death and dying, human sexuality, character education, violence, and mental and emotional health. Stress-related content will be infused into the mental and emotional areas as well as many of the other content offerings in the course. Emphasis is placed primarily on content of each health category across elementary, middle, and secondary school levels.
- KSPE 3330 Health and Physical Education Methods for Early Childhood and Middle School Teachers** 3-0-3
Prerequisite: Appropriate 2999 course. A study of teaching methods and curricular options used to fulfill psychomotor, cognitive and affective objectives in the fields of health and physical education. The three areas of school health (services, environment and instruction) are discussed. Activities that are developmentally appropriate are also studied.
- KSPE 3360 Chronic Disease Epidemiology** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program and grade of “C” or higher in MATH 2620. Introduction to the distribution and determinants of chronic diseases in the population. Causal relationships laying the groundwork for programs of prevention and control emphasized. Commonly used epidemiological statistics and research methods discussed.
- KSPE 3401 Instructional Planning and Evaluation** 3-0-3
Prerequisite: KSPE 2999. Provides the student with pertinent information relative to basic instructional and planning methodologies, basic statistics, data analysis, assessment and evaluation procedures and instruments across the psychomotor, cognitive, and affective domains, and the application of this content within the health and physical education setting.
- KSPE 3410 Biomechanics** 2-2-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 3430. A concentrated study of the dynamics and mechanical analysis of human movement.
- KSPE 3411 Human Movement Applications** 3-2-4
Prerequisite: KSPE 2999. Information on neuroanatomy and neurophysiology relative to motor development and motor learning, coupled with functional anatomy as it pertains to the dynamics of human motion. Emphasis is placed on mechanical analysis of human movement.
- KSPE 3420 Exercise Physiology** 2-2-3
Prerequisite: Grade of “C” or higher in BIOL 2651. **Exercise physiology majors must have met program entry requirements. Health and physical education majors’ prerequisite:** KSPE 2999. **Sports medicine majors may be allowed to take the course with approval of the program coordinator and the instructor.** An understanding of how the body, from a functional standpoint, responds, adjusts, and adapts to exercise. Topics include bioenergetics, neuromuscular concepts, cardiorespiratory considerations, physical training, and environmental concerns involving physical activity, athletic performance, and health-related fitness.

- KSPE 3430 Kinesiology** 2-2-3
Prerequisites: Acceptance to the Exercise Physiology Program and grade of “C” or better in BIOL 2651. Basic physical concepts as they apply to human movement are explored. Structural anatomy, neuromuscular physiology and biomechanical principles as they apply to sport skills and fitness activities are emphasized.
- KSPE 3440 Athletic Training Clinical Proficiencies I** 0-2-1
Prerequisite: KSPE 2050. A study of manipulative and motor skills required to perform athletic training techniques in clinical settings. Techniques reflect those presented in lecture courses.
- KSPE 3441 Athletic Training Clinical Proficiencies II** 0-2-1
Prerequisite: Admission to the Athletic Training Program. A study of manipulative and motor skills required to perform athletic training techniques in clinical settings. The course includes but is not limited to evaluation and assessment of extremities, kinesiology, and injury care and prevention.
- KSPE 3450 Comprehensive Health Education** 3-0-3
Prerequisite: KSPE 2999. Investigation of the major models and health content areas applicable to the delivery of health education in the public school setting across elementary, middle, and secondary levels. Topics such as health-related historical developments, health screening protocols, control of communicable diseases, preventive health services, consumer health, alcohol, drugs, cigarette and tobacco use, cancer, cardiovascular disease prevention, physical activity and physical fitness, and others are discussed.
- KSPE 3460 Health Education Methods and Materials** 3-0-3
Prerequisite: KSPE 2999. Pertinent information relative to selected health instructional techniques specifically addressed in the public school setting. Attention to learning activities appropriate for school health programs in elementary, middle grades, and secondary schools, health education models, health promotion, and related content-specific issues included in school health curricula. Appropriate classroom management and motivational strategies for behavioral modification in health education. Opportunities for classroom teaching experiences with micro-teaching and public school health teaching episodes.
- KSPE 3650 Resistance and Training Program Development** 2-2-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 3430. Development, instruction, supervision, and evaluation of muscular fitness and flexibility programs for diverse populations and settings using a variety of training modalities. Based upon competencies required for ACSM, NATA, and NSCA certifications.
- KSPE 3700 Elementary Physical Education Methods and Content** 3-0-3
Prerequisite: KSPE 2999. Designed to provide the student with information related to instruction in physical education methodologies and content for preschool through fifth grade public school students. Field experiences in the public schools are required.
- KSPE 3860 Legal Aspects in the Sport Sciences** 2-0-2
 Designed to give the student understanding and appreciation of the legal aspects of physical education, athletic training, and recreation professions.
- KSPE 3911 Diversity in Sport and Physical Education** 3-0-3
Prerequisite: KSPE 2999. Introduction to physical education and sport for exceptional children and diverse populations. The course provides an overview of litigation and the passage of various federal laws pertaining to human diversity in physical education and sport, including diverse cultures, physical differences, communication diversity, behavior differences, sensory diversity, and family diversity. Field experience in the public schools is required.
- KSPE 4040 Pediatric Exercise Physiology** 2-2-3
Prerequisite: KSPE 3420, KSPE 3020, and acceptance to the Exercise Physiology Program. The physiological differences between children and adults relative to exercise performance. Variables such as size, biomechanics, neuromuscular, reproductive, hormonal, and cardiovascular-respiratory differences will be examined.

- KSPE 4070 Exercise Cardiopulmonary Physiology** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 3420. A concentrated study in the exercise physiology of the healthy and diseased cardiopulmonary system. Emphasis on cardiopulmonary adaptations to acute and chronic exercise and on normal versus abnormal conditions and their effects on exercise testing and training.
- KSPE 4080 Exercise Electrocardiography** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program. A basic understanding of the 12-lead electrocardiogram as it relates to graded exercise testing, training, and functional evaluation. The course is designed particularly to assist the clinical exercise physiologist in developing the skills required for quickly identifying electrocardiographic patterns at rest and during exercise.
- KSPE 4090 Exercise Cardiopulmonary Medications** 3-0-3
Prerequisite: Grade of "C" or higher in KSPE 4080. Designed to assist the clinical exercise physiologist understand the mechanisms of principal action, major side effects, symptoms of drug intolerance or toxicity, and how they may affect exercise testing and training, including the electrocardiogram.
- KSPE 4130 Exercise Cardiopulmonary Rehabilitation** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program and KSPE 4070. A study of multi-phasic and multi-disciplinary programs designed to restore to a productive life the individual with cardiopulmonary disease. Common medical treatments and diagnostic procedures and treatments reviewed. Emphasis on the American College of Sports Medicine and the American Association of Cardiovascular and Pulmonary Rehabilitation guidelines.
- KSPE 4210 Clinical Exercise Physiology** 3-0-3
Prerequisites: Acceptance to the Exercise Physiology Program, KSPE 3010, KSPE 3420, and KSPE 4070. An advanced course in the physiology of exercise as it relates to the clinical exercise physiologist or health care professional. The integration of the body's various systems relative to the prevention and therapeutic role of exercise will be examined. Case study assignments will focus on problem-oriented management of subjective and objective data.
- KSPE 4220 Management of Physical Education Programs** 3-0-3
Prerequisite: KSPE 2999. A study of administrative theory and principles as they relate to the process of planning, organizing, supervision, personnel, budget, facility design, risk management, and other issues that are related to operating physical education and sports programs in educational and community settings. Studies of psychological and sociological forces affecting participants or physical activity and the developmental approach to instruction including diverse cultures, race, ethnicity, sexual identify, religious diversity, and socio-economics in sports are examined.
- KSPE 4250 Organization and Administration Strategies in Athletic Training** 3-0-3
Prerequisite: KSPE 2050. A study of management techniques used in typical athletic training settings. General topic areas to include facility design, human resource management, information processing, and financial management techniques. Athletic injury insurance and legal considerations in athletic training will also be covered.
- KSPE 4300 Foundations of Injury Prevention and Care** 2-2-3
Prerequisite: KSPE 2050 or consent of instructor. Provides the student with knowledge concerning sports injury prevention, treatment, and taping skills. Emphasis is placed on protocols common in the athletic training profession.
- KSPE 4350 Evaluation and Assessment in Athletic Training I** 2-2-3
Prerequisite: Admission to the Athletic Training Program or consent of instructor. Advanced principles addressing athletic injuries that commonly occur to the head, neck, trunk, and upper and lower extremities with regard to evaluation protocol and tests.

- KSPE 4360 Evaluation and Assessment in Athletic Training II** 2-2-3
Prerequisite: KSPE 4350 or consent of instructor. Advanced principles addressing athletic injuries that commonly occur to the head, neck, trunk, and upper and lower extremities with regard to evaluation protocol and tests.
- KSPE 4400 Therapeutic Modalities and Pharmacology in Athletic Training** 2-2-3
Prerequisite: KSPE 4360 or consent of instructor. An introduction to basic rehabilitation principles in the athletic training profession, in addition to the use of therapeutic modalities and pharmacology agents available in this process.
- KSPE 4410 Athletic Training Practicum** 0-0-4
Prerequisite: KSPE 4400.
- KSPE 4420 Athletic Training Internship** 0-0-4
Prerequisite: KSPE 4400.
- KSPE 4430 Athletic Training Field Experience** 0-0-12
Corequisite 4700. Prerequisite: Completion of all coursework, overall GPA of 2.75, and approval of the Program Director.
- KSPE 4440 Athletic Training Clinical Proficiencies III** 0-2-1
Prerequisite: Admission to the Athletic Training Program. A study of manipulative and motor skills required to perform athletic training techniques in clinical settings. The course includes but is not limited to evaluation and assessment of head, neck, and trunk injuries; rehabilitation; and organization and administration in athletic training settings.
- KSPE 4441 Athletic Training Clinical Proficiencies IV** 0-2-1
Prerequisite: Admission to the Athletic Training Program. A study of manipulative and motor skills required to perform athletic training techniques in clinical settings. The course includes but is not limited to field assessment, therapeutic modalities, pharmacology, and rehabilitation.
- KSPE 4450 Sport Related Illnesses and Conditions** 3-0-3
Prerequisite: KSPE 4360. Investigating signs, symptoms, and treatments of illnesses and conditions common to athletes but not addressed in previous athletic training courses.
- KSPE 4490 Rehabilitation Techniques in Athletic Training I** 3-0-3
Prerequisite: KSPE 2050. Provides the student with the knowledge needed to develop comprehensive rehabilitation programs. The development of therapeutic goals and objectives, exercise gradation, and methods of evaluating rehabilitation progress will be stressed.
- KSPE 4491 Rehabilitation Techniques in Athletic Training II** 1-2-2
Prerequisites: KSPE 4490. A continuation of KSPE 4490, with emphasis on the practical applications of rehabilitation principles. Current surgical techniques and therapeutic exercise protocols are emphasized.
- KSPE 4510 Exercise Physiology Practicum** 0-6-3
Prerequisites: Acceptance to the Exercise Physiology Program and a minimum cumulative GPA of 2.5 for completed courses within the professional program. Students must have a current CPR, professional liability insurance, and the completed graduation checklist returned from the Registrar. Designed to evaluate, review, and master the competencies required for the clinical or applied exercise physiologist prior to enrollment in KSPE 4500 Exercise Physiology Internship. Each student is required to sit for at least one of the following professional certification examinations: American College of Sports Medicine Health Fitness Instructor, Exercise Specialist, or the National Strength and Conditioning Association National Strength and Conditioning Specialist. The certification examinations may be taken within the last two semesters of study as specified by each professional organization.

- KSPE 4550 Exercise Physiology Internship** 0-0-12
Prerequisites: Acceptance to the Exercise Physiology Program . All requirements for the B.S. in Exercise Physiology degree, except KSPE 4550. Student must possess a current CPR card and professional liability insurance. The student is required to work 40 hours per week for a minimum of 10 weeks, or 400 cumulative hours. Students must complete a major project or paper related to some aspect of the internship site, teach at least two educational classes, and submit a weekly log of their daily activities. The internship site must reflect an area directly related to the field of clinical or applied exercise physiology.
- KSPE 4570 Directed Study in Health** 1-0-1 to 3-0-3
Prerequisite: Approval of Instructor and Department Head. Development and in-depth study of an approved topic of interest related to the field of health, health education, exercise science, or sports medicine/athletic training.
- KSPE 4580 Directed Study in Physical Education** 1-0-1 to 3-0-3
Prerequisite: Approval of Instructor and Department Head. Development of an in-depth study of an approved topic of interest related to the field of physical education.
- KSPE 4600 Athletic Training Ethics and Psychosocial Issues** 3-0-3
Prerequisite: Admission to the Athletic Training Program or consent of instructor. A study of the knowledge and skills that certified athletic trainers must possess to recognize the sociocultural, mental, emotional, and physical behaviors of those involved in physical activity for intervention and referral. Recognizing professional responsibilities is also stressed.
- KSPE 4650 Applied Structural Anatomy and Kinesiology** 2-2-3
Prerequisite: KSPE 4360. In-depth study of human structural and neuromuscular anatomy. Special emphasis is placed upon analysis of the extremities and joint structures as related to sport, injury conditions, and exercise prescriptions.
- KSPE 4700 Athletic Training Professional Practice Seminar** 1-2-2
Corequisite KSPE 4430. Reflection on educational competencies and clinical proficiencies. Refinement of skills and concepts emanating from Athletic Training Field Experience (KSPE 4430)
- KSPE 4710 Middle Grade & Secondary Physical Education Methods & Content** 3-0-3
Prerequisite: KSPE 2999. This a check-point course, and check-point requirements must be met. Information related to instruction in physical education methodologies and content for middle grade and secondary public school students. Field experience in public schools is required
- KSPE 4780 Internship in Physical Education** 0-0-6
Prerequisite: Completion of coursework and approval of department.
- KSPE 4790 Student Teaching in Health and Physical Education** 0-0-10
Prerequisite: Completion of all requirements to student teach as listed in the university's undergraduate catalogue. Co-requisite: KSPE 4800.
- KSPE 4800 Professional Practice Seminar** 2-0-2
Prerequisite: Completion of all requirements to student teach as listed in the university's undergraduate catalogue. Co-requisite: KSPE 4790. Reflection of educational practices and refinement of concepts emanating from student teaching experience. Presentations of electronic portfolios along with other related materials, including an exit exam, are required.

LATN: LATIN

- LATN 1001 Beginning Latin Language and Introduction to Roman Culture I** 3-0-3
Emphasis on the development of proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions. LATN 1001 is not open for credit to students with two or more years of high school Latin or the equivalent.
- LATN 1002 Beginning Latin Language and Introduction to Roman Culture II** 3-0-3
Prerequisite: LATN 1001 or the equivalent. A continuation of LATN 1001, with emphasis on proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions.
- LATN 1111 Intensive Latin Language and Roman Culture** 3-0-3
Prerequisite: Two or more years of high school Latin or the equivalent. Emphasis on the development of proficiency and communicative competence at the novice level in the four basic skills: speaking, listening, reading, and writing. Awareness of various sociocultural aspects and the distinctiveness of certain cultural traditions. LATN 1111 is a one-semester combination of LATN 1001 and LATN 1002. This course is designed for those students not fully prepared for the 1002 level. LATN 1111 reviews the concepts presented in LATN 1001 and advances the student through the material of LATN 1002.
- LATN 2001 Intermediate Latin Language and Roman Culture** 3-0-3
Prerequisite: LATN 1002 or the equivalent. Emphasis on the development of proficiency and communicative competence at the intermediate level in the four basic skills: listening, reading, and writing, and some speaking within a limited context. Awareness and understanding of various sociocultural aspects and the distinctiveness of certain cultural traditions.
- LATN 2002 Fundamentals of Roman Literature and Roman Culture** 3-0-3
Prerequisite: LATN 2001 or the equivalent. Emphasis on epic poetry (Virgil's Aeneid) and on proficiency and communicative competence at the intermediate level in the four basic skills: listening, reading, and writing, and to some extent, speaking. Awareness and understanding of various sociocultural aspects and the distinctiveness of certain cultural traditions.

LEAS: LEGAL ASSISTANT STUDIES

- LEAS 1100 Introduction to Paralegalism** 3-0-3
An introduction to the field of paralegalism. The course will include the role of the paralegal in the legal system, the regulation and ethics of practice and the skills necessary for successful practice.
- LEAS 3200 Legal Research I** 3-0-3
Prerequisite: LEAS 1100. A study of legal research methods utilizing state and federal sources. Students will develop professional skills as they read and analyze appellate court opinions, legislation and pleadings.
- LEAS 3201 Legal Research II** 3-0-3
Prerequisites: LEAS 1100 and LEAS 3200. A continuation of Legal Research I. This course will emphasize computer assisted legal research skills as well as the preparation of legal documents.
- LEAS 3210 Pre-Trial Preparation and Procedures** 3-0-3
Prerequisite: LEAS 1100. The study of pre-trial procedures and tactics in civil and criminal cases. The course will include methods of investigation, interviewing clients, preparation of clients and witnesses for testifying, competency of evidence, preparation of interrogatories, other discovery methods, and pleadings.

- LEAS 3220 Business Entities** 3-0-3
Prerequisite: LEAS 1100. The study of corporate, partnership and agency law. This course will examine the applicable law as well as the formation and dissolution of various types of business entities.
- LEAS 3230 Criminal Law and Procedure for the Paralegal** 3-0-3
Prerequisite: LEAS 1100. The study of procedural and substantive criminal law. The application, interpretation, and enforcement of criminal law will be addressed. The role of the paralegal in the criminal justice system will be emphasized.
- LEAS 3250 Law Office Management** 3-0-3
Prerequisite: LEAS 1100. The study of the business aspects of the practice of Law. Topics include appropriate business structure, office systems, marketing and development issues, staffing and personnel issues, liability insurance, managing time, technology, and billing. Ethics and professionalism in dealing with clients and the general public will also be addressed.
- LEAS 4200 Family Law** 3-0-3
Prerequisite: LEAS 1100. The study of applicable law surrounding family relationships. The issues of adoption, marriage, divorce, alimony, child custody and support, and property division, will be addressed.
- LEAS 4210 Consumer Law** 3-0-3
Prerequisite: LEAS 1100. The study of the laws that govern consumer practices. The law surrounding commercial paper, contracts, sales, and secured transactions will be emphasized.
- LEAS 4220 Administrative Law** 3-0-3
Prerequisite: LEAS 1100. The study of laws governing administrative agencies of government. Special emphasis will be placed on the role of the paralegal in dealing with various administrative agencies.
- LEAS 4230 The Law of Real Property Transactions** 3-0-3
Prerequisite: LEAS 1100. The study of laws that control real property transactions. Topics include the conveyancing of real property, title search methods and landlord-tenant issues.
- LEAS 4240 Elder Law** 3-0-3
Prerequisite: LEAS 1100. The study of legal problems associated with the elderly and issues of aging. Topics of discussion will include social, psychological, legal, and financial aspects of planning for the elderly. Issues will include Medicare and Medicaid benefits, nursing home institutionalization, Social Security, and probate and estate planning.
- LEAS 4250 Trial Advocacy I** 3-0-3
Also offered as POLS 4250. An examination of all aspects of presenting a case in trial. Students develop effective methods for analyzing and preparing cases for presentation in trial. Students will learn and use basic technical skills necessary as members of the University's Mock Trial Team at tournaments sponsored by the American Mock Trial Association.
- LEAS 4251 Trial Advocacy II** 0-6-3
Also offered as POLS 4251. Supervised study of all aspects of presenting a case in trial with practice of trial skills in a mock setting. Students will compete in one or more mock trial competitions within the region and will write a research paper. The course may be taken three times for credit.
- LEAS 4260 Alternative Dispute Resolution** 3-0-3
Also offered as POLS 4260. Prerequisite: LEAS 1100. The study of various methods of alternative dispute resolution. Topics include preparation for and techniques used in mediation, arbitration, and alternative dispute resolution. Ethics and professionalism in dealing with represented and unrepresented individuals will also be addressed.

- LEAS 4700 Directed Study in Legal Assistant Studies** 1-0-1 to 3-0-3
Prerequisites: Legal Assistant Studies major and LEAS 1100. Directed reading and research in selected areas of legal assistant studies. Topics examined will include those not normally found in established legal assistant studies courses. Regular conferences between instructor and student will be required. Permission of the advisor, instructor and department head must be obtained prior to registration.
- LEAS 4802 Special Topics in Legal Assistant Studies** 3-0-3
Prerequisite: LEAS 1100. Selected topics of interest in legal assistant studies.
- LEAS 4900 Internship in Legal Assistant Studies** 3-0-3
Prerequisite: Legal Assistant Studies major, LEAS 1100 and LEAS 3200. Permission of the advisor, instructor and department head must be obtained prior to registration. Supervised, practical experience in an appropriate legal setting.

LIBS: LIBRARY SCIENCE

- LIBS 1000 Introduction to Library Resources** 1-0-1
 Designed to promote an awareness of Valdosta State University Library Services and general information resources, including the role of information in society, research skills, the Internet, and critical thinking skills.
- LIBS 2000 Introduction to Specialized Library Resources** 1-0-1 to 2-0-2
 Offered at departmental request. A study of the reference resources essential to majors in the department requesting the course.

LING: LINGUISTICS

- LING 4000 Principles of Language Study** 3-0-3
Prerequisite or co-requisite: ENGL 2060 or 2080, 2110 or 2110H, 2120 or 2120H, 2130 or 2130H. A study of the nature, structure, and diversity of language, including English phonology (sounds), morphology (word formation), syntax (sentence structure), and semantics (meaning) contrasted with features of other selected languages and applied to fields such as literary study, written communication, and language acquisition.
- LING 4160 Language in Society** 3-0-3
Prerequisite or co-requisite: ENGL 2060 or 2080, 2110 or 2110H, 2120 or 2120H, 2130 or 2130H. A study of the nature of language and its use in society, including psychological and sociocultural variables in conversation, language varieties, multilingualism, world Englishes, and the development of language policy.

LITR: LITERACY

- LITR 3110 Emergent Literacy** 3-0-3
Prerequisite: Appropriate 2999 course. Introduction to children's emergent literacy, including reading and writing development, phonological awareness, phonemic awareness, concepts about print, oral language development, speaking and listening development, and developmental writing. ECSE 3390, ECED 3190, or a practicum approved at the program level is required as a co-requisite of this course.

- LITR 3120 Early Literacy** 3-0-3
Prerequisites: Appropriate 2999 course; LITR 3110. This is a check-point course, and check-point requirements must be met. Introduction to content, theoretical perspectives, and evidence-based strategies for teaching children in the primary grades to read and write. Major topics include the reading process, phonemic awareness, phonics, comprehension, fluency, and vocabulary. Teacher candidates are expected to plan and implement learned skills and knowledge in the field. ECSE 3490, ECED 3690, or a practicum approved at the program level is required as a co-requisite of this course.
- LITR 3130 Developing Literacy** 3-0-3
Prerequisites: Appropriate 2999 course; LITR 3110. This is a check-point course, and check-point requirements must be met. Application of methods for teaching listening, speaking, reading, writing, viewing, and visually representing. Emphasis is placed on instructional methods of processes for writing and comprehending various forms of texts; motivating students to read and write; developing vocabulary, comprehension strategies, and higher-level thinking; and applying technology. ECSE 3490, ECED 3690, or a practicum approved at the program level, is required as a co-requisite of this course.
- LITR 4120 Literacy Assessment and Applications** 2-2-3
Prerequisites: Appropriate 2999 course; LITR 3110; LITR 3120; LITR 3130. Diagnostic and assessment strategies for corrective instruction for struggling elementary readers and writers. The course includes causes of reading disability, methods of diagnosis, instructional methods for group and individual remedial work, and strategies for successful test taking. Teacher candidates will be required to apply their learned skills in tutoring experiences.

MATH: MATHEMATICS

MATH 0097, MATH 0099

See the Learning Support Section on the last page of the course offerings.

- MATH 1101 Introduction to Mathematical Modeling** 3-0-3
 A study of algebraic topics from a modeling perspective. Introduction to different types of models including linear, quadratic, polynomial, exponential, and logarithmic. Emphasis is on gathering, presentation, and interpretation of data by using real-world examples as models.
- MATH 1111 College Algebra** 3-0-3
 Algebraic topics including polynomials, rational expressions, equations, inequalities, graphing, exponents and radicals, relations and functions through exponential and logarithmic functions.
- MATH 1112 Trigonometry** 3-0-3
Prerequisite: MATH 1111 or equivalent. Circular, trigonometric, and inverse functions, mathematical induction, the binomial theorem, and complex numbers.
- MATH 1113 Precalculus** 3-0-3
Prerequisite: Either MATH 1112 or both a Mathematics SAT score greater than 549 and a strong background in high school mathematics including the equivalent of MATH 1112. Study of polynomial, rational, and transcendental functions and applications, conic sections, polar coordinates, parametric equations, and mathematical induction.
- MATH 1113H Honors Precalculus** 3-0-3
Prerequisite: Either MATH 1112 or both a mathematics SAT score greater than 549 and a strong background in high school mathematics including the equivalent of MATH 1112 Study of polynomial, rational, and transcendental functions and applications, conic sections, polar coordinates, parametric equations, and mathematical induction. Focus on concepts and real-world applications.

- MATH 1261 Survey of Calculus I** 3-0-3
Prerequisite: MATH 1111 or MATH 1101. Topics include limits, continuity, differentiation of functions of one variable, and applications.
- MATH 1262 Survey of Calculus II** 3-0-3
Prerequisite: MATH 1261. A continuation of Survey of Calculus I. Topics include techniques and applications of integration of functions of one and several variables, and techniques and applications of differentiation of functions of several variables.
- MATH 2008 Foundations of Numbers and Operations** 3-0-3
Prerequisite: Math 1101, Math 1111, or Math 1113 with a grade of “C” or higher. An introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.
- MATH 2150 Introduction to Linear Algebra** 3-0-3
Prerequisite: MATH 2261 or consent of instructor. Systems of linear equations, matrices, determinants, and their properties; vectors and inner products; vector spaces; linear transformations; eigenvalues and eigenvectors. Special emphasis is placed on applications.
- MATH 2160 Mathematical Inquiry for Teachers** 3-0-3
Prerequisite: MATH 1101 or MATH 1111, with a grade of “C” or higher. An inquiry-based, problem-centered treatment of mathematics, including the general content areas of probability, statistics, geometry, and algebra. Designed for ECED, MGED, and SPEC majors.
- MATH 2261 Analytic Geometry and Calculus I** 4-0-4
Prerequisite: MATH 1112 or preferably MATH 1113. Introduction to limits, derivatives, integration, fundamental theorem of calculus, and applications.
- MATH 2261H Honors Analytic Geometry and Calculus I** 4-0-4
Prerequisite: MATH 1113 or its equivalent and a Math SAT score greater than 549. This enriched version of MATH 2261 will introduce limits, differentiation, integration, the fundamental theorem of calculus, and applications.
- MATH 2262 Analytic Geometry and Calculus II** 4-0-4
Prerequisite: MATH 2261. Integrals; exponential, logarithmic, trigonometric, and inverse functions; applications of calculus; parametric equations; polar coordinates; sequences and series.
- MATH 2263 Analytic Geometry and Calculus III** 4-0-4
Prerequisite: MATH 2262. Three-dimensional analytic geometry; functions of several variables; partial derivatives; multiple integrals, line and surface integrals.
- MATH 2620 Statistical Methods** 3-0-3
Prerequisite: Math 1101, Math 1111, or Math 1113. An introductory course in statistics. Topics include descriptive statistics; basic notions of probability, random variables, probability distributions, simple random sampling, and sampling distributions; confidence intervals and hypothesis tests; and regression. The application of statistical methodology and the use of computer software are emphasized.
- MATH 3000 Tutoring in Mathematics** 2-0-2
Prerequisite: Consent of Tutoring Center Director. Graded “Satisfactory” or “Unsatisfactory.” Philosophy and fundamentals of one-to-one tutoring in mathematics that takes place in the Tutoring Center. Review of basic mathematical concepts in algebra and calculus. Introduction to current technology for enhancement of mathematics instruction. Students must complete this course, designed for the Tutoring Center tutors in mathematics, prior to tutoring in the center or must register for this course during their first semester of tutoring.
- MATH 3010 History of Mathematics** 3-0-3
Prerequisite: MATH 2261. A study of the development of mathematics from primitive times to the 20th century; including numeral systems, arithmetical methods, origins of algebra, geometry, trigonometry, analytic geometry, calculus; and selected topics from modern mathematics.

- MATH 3040 Set Theory** 3-0-3
Prerequisite: MATH 2262. Propositional and predicate logic; mathematical induction. Logic and structure of sets as related to mathematical proof. Relations, and cardinality.
- MATH 3161 Mathematics for Early Childhood Teachers I** 3-0-3
Prerequisite: EDUC2999 or SPEC 2999 and a grade of “C” or higher in MATH 2008.
 An in-depth study of the concepts and processes underlying the p-s school mathematics curriculum, with special emphasis on numeration, number systems, estimation, algebraic thinking, and computational algorithms. Problem solving and historical context serve as unifying strands.
- MATH 3162 Mathematics for Early Childhood Teachers II** 3-0-3
Prerequisite: Grade of “C” or higher in Math 3161. An in-depth study of concepts and processes underlying the P-5 school mathematics curriculum, with special emphasis on measurement, geometry, and the fundamentals of probability and statistics. Problem solving and historical context serve as unifying strands.
- MATH 3180 Mathematics for Middle School Teachers** 3-0-3
Prerequisite: Grade of “C” or higher in either MATH 1101 or MATH 1111. Concepts and processes that provide the foundation for the middle-grades mathematics curriculum (5-8). Includes an in-depth study of the real number system with emphasis on the rational number system and axiomatic differences among number systems. Other topics include relations and functions, geometry (including coordinate geometry and graphing), measurement, and elementary probability and statistics.
- MATH 3190 Algebra and Geometry for Teachers** 3-0-3
Prerequisite: Grade of “C” or higher in either MATH 2261 or MATH 3180. An in-depth study of the concepts and processes underlying the middle and secondary school mathematics curriculum, with special emphasis placed upon the integrated development of algebra, geometry, and analytical geometry. Problem solving and historical context serve as unifying strands.
- MATH 3340 Ordinary Differential Equations** 3-0-3
Prerequisite: MATH 2262 or consent of instructor. Differential equations of first and second order, linear equations of higher order, and applications.
- MATH 3510 Foundations of Geometry** 3-0-3
Prerequisite: MATH 3040. A study of Euclidean and non-Euclidean plane geometry from both synthetic and metric approaches. Topics include concepts related to incidence, betweenness, plane separation and convexity, congruence, and parallelism, with some attention given to geometric transformations.
- MATH 3600 Probability and Statistics** 3-0-3
Prerequisite: MATH 2262 or MATH 1262, with a grade of “C” or higher. Descriptive statistics, probability distributions for discrete and continuous random variables, statistical inference, one way analysis of variance, and regression analysis.
- MATH 4081 Modern Algebra I** 3-0-3
Prerequisite: MATH 4150 or MATH 3040 or consent of instructor. Topics from groups, rings, and fields. Subgroups, cyclic groups, permutation groups, normal subgroups, homomorphisms, Cayley’s and Lagrange’s Theorems, factor groups, abelian groups, direct products. Introduction to rings and fields.
- MATH 4082 Modern Algebra II** 3-0-3
Prerequisite: MATH 4081. Continuation of MATH 4081 with emphasis on rings and fields. Rings, integral domains, and fields. Vector spaces, extension fields, finite fields.
- MATH 4085 Applied Modern Algebra** 3-0-3
Prerequisite: MATH 4081. Lattices, Boolean algebras, semigroups, binary group codes, binary relations, and graphs. Special emphasis is placed on applications.

- MATH 4110 Number Theory** 3-0-3
Prerequisite: MATH 2262. Elementary properties of integers including divisibility, unique factorization, progressions and prime numbers. Linear congruences and residue classes, complete and reduced residue systems, Chinese Remainder Theorem, quadratic residues, law of quadratic reciprocity, Theorems of Fermat and Wilson, Fibonacci and perfect numbers, sums of squares, elementary theory of continued fractions.
- MATH 4150 Linear Algebra** 3-0-3
Prerequisites: *Either* MATH 2150 and MATH 3040 *or* consent of instructor. Introduction to the theory of vector spaces, with emphasis on finite-dimensional vector spaces, linear systems, matrices, linear transformations, eigenvalues, and related subjects.
- MATH 4161 Mathematical Reasoning** 3-0-3
Prerequisite: Grade of “C” or higher in either MATH 3162 or MATH 3180 or permission of instructor. An in-depth study of concepts and processes underlying the P-8 school mathematics curriculum, with special emphasis on informal and formal mathematical reasoning. Problem solving and historical context serve as unifying strands. The analysis and remediation of student errors manifested in the application of conceptual and procedural mathematical knowledge will also be addressed.
- MATH 4260 Mathematical Analysis** 3-0-3
Prerequisites: MATH 3040 *or* consent of instructor *or* MATH 2263 with a grade of “A” or “B.” A study of the principles of mathematical analysis; point set topology in Euclidean and metric spaces, numerical sequences and series, continuity, differentiation, integration, sequences and series of functions.
- MATH 4300 Functions of a Complex Variable** 3-0-3
Prerequisite: MATH 2263. Introductory study of the algebraic and geometric properties of the complex number system and functions of a complex variable. Limits, continuity, and differentiation of complex functions. Analytic functions and the Cauchy-Riemann conditions. Integration of complex functions; Cauchy-Goursat theorem; Cauchy integral formula; the theorems of Morera and Liouville. Taylor and Laurent series expansions. Residues and poles with applications to integration. Conformal mappings.
- MATH 4540 Topology** 3-0-3
Prerequisite: MATH 3040. The study of point set topology in metric and topological spaces. Open and closed sets, compactness, connectedness, topological mappings, separation, product and functions spaces.
- MATH 4621 Mathematical Statistics I** 3-0-3
Prerequisites: MATH 2263 and MATH 3600. Distributions of random variables, conditional probability and stochastic independence, multivariate and some special distributions, and distributions of functions of random variables.
- MATH 4622 Mathematical Statistics II** 3-0-3
Prerequisite: MATH 4621. Introduction to statistical inference, sufficient statistic, estimation theory, theory of statistical tests, and inferences about normal models.
- MATH 4630 Topics in Applied Statistics** 3-0-3
Prerequisite: MATH 3600 or consent of instructor. Topics in applied statistics will be selected from quality control, sampling theory, nonparametric statistics, experimental design, or regression analysis.
- MATH 4651 Numerical Analysis I** 3-0-3
Prerequisites: MATH 2262 and CS 1301. Development and implementation of efficient numerical methods; locating roots of nonlinear equations; solving systems of linear equations; numerical differentiation and integration; interpolation; approximation of functions.
- MATH 4652 Numerical Analysis II** 3-0-3
Prerequisites: MATH 4651 and MATH 3340. Continuation of MATH 4651. Determination of eigenvalues and eigenvectors of matrices; method of least squares, and curve fitting; numerical solutions of ordinary and partial differential equations.

- MATH 4901 Operations Research I** 3-0-3
Prerequisite: MATH 2150 or MATH 4150. Mathematical aspects and applications of Operations Research. Topics are selected from linear programming (mainly), integer programming, and dynamic programming.
- MATH 4902 Operations Research II** 3-0-3
Prerequisite: MATH 3600 or MATH 4621 (Note that MATH 4901 is not a prerequisite). An introduction to stochastic operations research. Topics are selected from stochastic modeling and optimization, probability models, queuing theory, and Monte Carlo simulation.
- MATH 4910 Mathematical Models** 3-0-3
Prerequisite: MATH 2263 and MATH 3600, each with a grade of “C” or higher, or consent of instructor. An introduction to basic principles and applications of classical mathematical models, optimization models and probabilistic models.
- MATH 4980 Senior Seminar** 3-0-3
Prerequisite: A 4000-level course in algebra, analysis, or topology. A capstone experience in pure mathematics. Topics in an area of algebra, analysis, or topology will be covered and presented in a written and/or oral form.
- MATH 4990 Special Topics in Mathematics** 1-0-1 to 3-0-3
Prerequisites: Consent of instructor and Head of the Department of Mathematics and Computer Science. Topics and credits to be assigned. May be taken more than once if topics are different.
- MATH 4990H Honors Special Topics in Mathematics** 1-0-1 to 3-0-3
Prerequisites: Consent of instructor and Head of the Department of Mathematics and Computer Science. Topics and credits to be assigned. Student presentations will be required. May be taken more than once if topics are different.

MDIA: MASS MEDIA

- MDIA 2000 Introduction to Mass Media** 3-0-3
The study of the processes, elements, uses, and impacts of mass media, including history, development, operation, and cultural effects of books, newspapers, magazines, motion pictures, radio, television, sound recordings, and computer media.
- MDIA 2000H Introduction to Mass Media (Honors)** 3-0-3
An honors-level study of the processes, elements, uses, and impacts of mass media, including history, development, operation, and cultural effects of books, newspapers, magazines, motion pictures, radio, television, sound recordings, and computer media.
- MDIA 2050 Introduction to Electronic Media Production** 3-0-3
Concurrent registration for MDIA 2000 is recommended. An introduction to the processes of radio and television production. This course is designed to provide an understanding of the concepts and applications employed in production for radio and television and to teach the basic skills required to operate the audio and video equipment. Students will also take a comprehensive proficiency exam.
- MDIA 2100 Introduction to Broadcast Writing** 3-0-3
Prerequisites: Major status or consent of instructor. An introduction to the variety of standard writing styles employed by media professionals. Topics include news writing, advertising copy, public service announcements, and an introduction to copy writing formats for television and radio. Basic television scripting for short and long-form programming is also introduced.

- MDIA 2500 Computer Mediated Communication** 3-0-3
Prerequisite: Major status or consent of instructor. An introduction to the processes of mediated communication. Topics include the Internet, mass media and the Web, virtual communities, and how computer mediated communication affects privacy, interpersonal relationships, and the global village.
- MDIA 3050 Broadcast Performance and Announcing** 3-0-3
Prerequisites: Major status, MDIA 2050, MDIA 2100, MDIA 2500, and THEA 1000; or consent of instructor. Application of the fundamentals of voice and articulation for effective on-air performance on both radio and television. Topics include vocal techniques and delivery styles, appearance for on-camera performance in television, audience perceptions, station sound and image, and limited voice characterizations for “voice-over” media. Required of all majors in audio emphasis and broadcast journalism emphasis.
- MDIA 3060 Sports Announcing and Reporting** 3-0-3
Prerequisites: Major status and completion of Area F, or consent of the instructor. An introduction to the techniques of sports announcing for radio and television. Reporting, interviewing, and vocal performance skills, including play-by-play announcing, will be emphasized. On-camera appearance and performance will be included.
- MDIA 3110K Audio Production I** 2-4-4
Prerequisites: Major status, MDIA 2050, MDIA 2100, and MDIA 2500; or consent of instructor. Introduction to audio production techniques. Topics include editing and the incorporation of music, sound effects, and voice to produce effective commercial and public service announcements.
- MDIA 3120K Television Studio Production I** 2-4-4
Prerequisites: Major status, MDIA 2050, MDIA 2100, and MDIA 2500; or consent of instructor. Intermediate television production focusing on the applied skills required for television production. Topics include studio operations, camera operation, control room competency, as well as scripting, producing, and directing. Pre-production, production, and post-production will also be addressed.
- MDIA 3130K Audio Production II** 2-4-4
Prerequisites: MDIA 3110K or consent of instructor. Advanced course of audio production techniques for the radio and music industries. Topics include signal-processing effects, advanced editing techniques, and multi-track recording and mixing of music and voice.
- MDIA 3150K Electronic Field Production I** 2-4-4
Prerequisites: Major status, MDIA 2050, MDIA 2100, and MDIA 2500; or consent of instructor. Introduction to electronic field and remote productions, including single and multiple camera operations. Basic field camera operations, tape to tape editing, editing techniques, single/multiple camera continuity, and scripting are all addressed.
- MDIA 3300 The Music Industry** 3-0-3
Prerequisites: Major status and MDIA 3110K or permission of instructor. Also offered as MUSC 3300. Introduction to the music industry, including business aspects and the application of multitrack recording techniques. Topics include recording contracts, legal and copyright issues, music promotion and distribution channels, and technological developments affecting the industry. Students will learn music recording software, MIDI, the multitrack recording console, and microphone design and placement. Students will gain practical experience by recording music performances and producing them on compact disc.
- MDIA 3350 Aesthetics of Electronic Media** 3-0-3
Prerequisite: MDIA 2000 or consent of instructor. The study of the application of advanced film and video techniques. Topics include narrative structure, cinematography, directing technique, editing, sound design, and the language of production.

- MDIA 3400 Broadcast Script Writing** 3-0-3
Prerequisite: MDIA 2100 or consent of instructor. An advanced writing course building upon the skills acquired in MDIA 2100. The student will develop a full-length teleplay, screenplay, or radio drama. Topics include development of treatments, plotting, sequencing, character analysis, and synopsis. The techniques required for effective scene construction, plot twists, comedic slants, dramatic tones, and other advanced script writing techniques are also introduced.
- MDIA 3450 Media Ethics** 3-0-3
Prerequisites: Major status and completion of Area F, or consent of instructor. A comprehensive overview of the major ethical philosophers and perspectives and how these works impact ethical decisions in today's media. Topics will be discussed and analyzed to help the mass media student form a foundation for decision making within an ethical framework.
- MDIA 3500 Broadcast News Writing** 3-0-3
Prerequisite: MDIA 2100 or consent of instructor. An advanced writing course building upon the skills learned in MDIA 2100. Students will develop their skills in researching, writing, and editing broadcast news. Interviewing techniques, in-depth study of Associated Press broadcast writing style, and scripting for both radio and television news will be emphasized.
- MDIA 3800 Audio Theory** 3-0-3
Prerequisites: Major status or consent of instructor. This course provides a theoretical investigation into the properties of audio and sound. Topics include the physiology and psychology of hearing, acoustics, psychoacoustics, sound design, sound environments, ambience, sound theory, and audio's relationship with radio, television, and film.
- MDIA 3950 Directed Study** 1 to 3 hours credit
Prerequisite: Major status and approval of advisor, instructor, and department head. Individualized study in an area or subject not normally found in established courses offered by the department, may also allow the student to explore in more detail a topic that is normally covered by the department.
- MDIA 4030 Selected Topics in Mass Media** 1 to 3 hours credit
Prerequisites: MDIA 2050 and MDIA 2100, or consent of instructor. Intensive study of a topic relevant to broadcast media. The introduction of alternative approaches to the study of media themes, applications, trends, and media issues. Provides an opportunity to explore other topics outside the prescribed curriculum of mass media. Offerings will reflect current issues relevant to those students interested in a specific area of interest.
- MDIA 4100 Media Economics and Management** 3-0-3
Prerequisites: Major status and completion of Area F or consent of instructor. An examination of the economic structure of the American radio and television systems focusing upon audience measurement and delivery, ownership consolidation, cross-media platforms, standard practices of achieving fiscal stability, community outreach and service, and personnel utilization.
- MDIA 4120K Television Studio Production II** 2-4-4
Prerequisite: MDIA 3120K. Advanced television production focusing on the hands-on application of skills for the construction of television programs. Students are expected to enter with a working knowledge of the television studio since this is a rigorous and labor intensive course in which students are expected to produce broadcast quality programs.
- MDIA 4130K Audio Production for Video** 2-4-4
Prerequisites: MDIA 3130K or consent of instructor. Advanced course of audio production techniques for video. Topics include advanced editing techniques and multi-track recording and mixing of sound for film and television soundtracks. Location recording, automated dialogue replacement, and Foley recording will also be included.

- MDIA 4150K Electronic Field Production II** 2-4-4
Prerequisite: MDIA 3150K. Advanced field production involving field shoots, remote shoots, and editing. Advancing technologies in the area of post-production editing will be introduced, and students will be responsible for development of script ideas, scheduling, and project completions on deadline. The class is labor intensive.
- MDIA 4240K Directing and Acting for Film** 2-4-4
Prerequisites: MDIA 3120K and MDIA 3150K, or THEA 3800 and THEA 3950, or consent of the instructor. Advanced directing and acting techniques for narrative production. The course will focus on the dynamic between the director and actor in a variety of narrative forms. Additional subject areas include genre, character development, and subtext. Students will be required to create narrative productions as part of this course.
- MDIA 4270 Diversity in Media** 3-0-3
Prerequisites: Major status and completion of Area F or consent of instructor. A critical examination of the relationships between the media and different races, classes, ethnicities, and genders. Topics include how the media represent various groups, how audiences are affected by these representations, how minorities are employed in the media industry, and alternative media.
- MDIA 4350 Broadcasting and Culture** 3-0-3
Prerequisites: Major status and completion of Area F or consent of instructor. A critical examination of the broadcast media, with emphasis on the connections among the message, the medium, society, and culture. This synthesis will help the student develop a clearer understanding of uses and gratifications, society's relation to media, and how media may effect society.
- MDIA 4400 Media Criticism** 3-0-3
Prerequisites: Major status and completion of Area F or consent of instructor. An overview of the theoretical and practical study of the critical media examination. It includes describing, interpreting, and judging mediated messages utilizing critical methods. Students will examine various approaches to media criticism and how they are applied to the broadcast media.
- MDIA 4450 International Media** 3-0-3
Prerequisite: Major status and completion of Area F or consent of instructor. A critical examination of media systems around the world and the societies in which they function. The role of governmental regulation, cultural factors, and language will be studied. Students will be required to analyze global media, national identities, and the concept of international communication. A comparative analysis of various systems is also required.
- MDIA 4600 Digital Media Production** 2-4-4
Prerequisite: MDIA 3150K. Advanced applications of digital video editing, storage, and delivery systems. Areas to be covered include advanced editing on computer-based non-linear systems, digitizing media, encoding, DVD authoring, CD video, streaming video, live web broadcasting and web page design. Students must complete a digital media presentation for their portfolio.

Most credit notations on the far right are in the pattern 3-0-3. The first number is the number of lecture hours (or equivalent) each week; the second number is the number of laboratory hours (or equivalent) each week; the third number, **in bold**, is the number of semester hours credit.

- MDIA 4650 Digital Media Journalism** 2-4-4
Prerequisite: Major status and completion of Area F, or consent of instructor. Advanced journalistic writing and media production for the Web and mobile-based entities. Areas to be covered include advanced writing for the Web, utilizing page design, rich media content, banner headlines, general page maintenance, audio, and video. Students must participate in the digital creation of an online news source for their portfolios.
- MDIA 4800 Media Law** 3-0-3
Prerequisites: Major status and completion of Area F or consent of instructor. A comprehensive overview of First Amendment principles, communication law, and the regulatory practices of the Federal Communications Commission. Topics include media regulation, libel issues, prior restraint, and copyright.
- MDIA 4950 Senior Seminar** 1-0-1
Prerequisite: Restricted to students in their final semester of study in Mass Media. A seminar bringing together all second semester seniors, focusing on student contribution to discussion and critiques of his/her fellow student's portfolio presentation and defense of his/her work in the program as evidenced by the materials placed into his/her portfolio during progress through the major. Examples of writing and creative endeavor will be presented and critically analyzed. The student will also successfully complete a comprehensive proficiency exit exam and/or interview.
- MDIA 4961 Audio Workshop** 2 hours credit
Prerequisites: MDIA 3110K or MDIA 3130K, or consent of instructor. Student participation in the production of audio and radio programming. May be repeated for credit.
- MDIA 4962 Video Workshop** 2 hours credit
Prerequisites: MDIA 3120K or MDIA 3150K, or consent of instructor. Student participation in the production of programming for VSU-TV, the University-programmed cable-access channel. May be repeated for credit.
- MDIA 4963 International Documentary Production Workshop** 3 hours credit
Prerequisite: Consent of instructor. Student participation in the production and postproduction of international video documentaries. May be repeated for credit.
- MDIA 4964 Sports Workshop** 2 hours credit
Prerequisite: MDIA 3120K or MDIA 3150K, or consent of instructor. Student participation in the production of sports programming for VSU-TV, the University-programmed cable-access channel. May be repeated for credit.
- MDIA 4970 Internship** 3 to 9 hours credit
Prerequisite: Major and senior status; approval of faculty internship director. Graded "Satisfactory" or "Unsatisfactory." The placement of students in apprentice and intern positions in professional environments including radio and television stations and other media industry organizations in order to enlarge the student's professionalism. May be taken only during the student's final two semesters.