African-American Studies

AFAM 322 PERSONALITY & BEHAVIOR OF AFR-AM
12148 001 (3) MTWRF 0900AM – 1200PM BUSNS 1118
MCGRUPLEY, M
general education credit. CO/PREREQUISITE REQUIRED

AFAM 393 AKHENATEN TO CLEOPATRA
10001 001 (3) MTWRF 0900AM – 1100AM HIBBS 0429
TALBERT, R
general education credit. CO/PREREQUISITE REQUIRED

AFAM 491 TOPIC
10002 C02 (3) MTWRF 0900AM – 1200PM BUSNS 1118
MOITT, B
general education credit. CO/PREREQUISITE REQUIRED

AFAM 492 INDEPENDENT STUDY
10003 C03 (3) MTWRF 0900AM – 1200PM HIBBS 0429
JACKSON, M
general education credit. CO/PREREQUISITE REQUIRED

ANTH 103 CULTURAL ANTHROPOLOGY
10003 001 (3) MTWRF 0900AM – 1200PM BUSNS 2117
WADKINS, M
General education credit. CO/PREREQUISITE REQUIRED

ANTH 391 TOPIC
10004 C03 (3) MTWRF 0900AM – 1200PM HIBBS 0429
JACKSON, M
general education credit. CO/PREREQUISITE REQUIRED

ANTH 492 INDEPENDENT STUDY
10004 003 (3) MTWRF 0900AM – 1200PM BUSNS 2117
WADKINS, M
general education credit. CO/PREREQUISITE REQUIRED

BIOL 101 BIOLOGICAL CONCEPTS
10229 901 (3) MTWRF 1200PM – 0150PM LFSCB 0151
FRITSCH, D
general education credit. CO/PREREQUISITE REQUIRED

BIOZ 101 BIOLOGICAL CONCEPTS LAB
10259 L01 (1) MTWRF 0800AM – 0950AM LFSCB 0120
FRITSCH, D
general education credit. CO/PREREQUISITE REQUIRED

BIOZ 151 INTRO BIOLOGICAL SCIE I
10230 001 (3) MTWRF 1100AM – 1250PM LFSCB 0151
GATES, J
general education credit. CO/PREREQUISITE REQUIRED

BIOZ 151 INTRO BIOLOGICAL SCI LAB I
10261 L01 (1) MTWRF 0800AM – 0950AM LFSCB 0120
FRITSCH, D
general education credit. CO/PREREQUISITE REQUIRED
BIOZ 152L. Pre- or corequisite: BIOZ 152L. Laboratory investigation of plant genetics, physiology and evolution, with an emphasis on formation and testing of hypotheses. Laboratory exercises will elaborate themes discussed in BIOZ 152.

BIOI 205 BASIC HUMAN ANATOMY LABORATORY
10260  002  (2)  May 20 – Jun 14 (3 weeks)  MTWRF 0900AM – 1200PM  LFSCB 0131
BAITEMAN, I  CO/PREREQUISITE REQUIRED
12001  003  (2)  Jun 17 – Jul 17 (4.5 weeks)  MTWRF 0900AM – 1200PM  LFSCB 0131
BAITEMAN, I  CO/PREREQUISITE REQUIRED

Prerequisites: A “C” grade or better in BIOI 101 and BIOZ 101L or equivalent. Corequisite: BIOZ 205L. Human body structure with emphasis on the skeletal-muscular systems, utilizing human specimens and models as demonstrations. Not applicable for credit toward the B.S. in biology.

BIOI 205 BASIC HUMAN ANATOMY LABORATORY
10260  002  (2)  May 20 – Jun 14 (3 weeks)  MTWRF 0900AM – 1200PM  LFSCB 0131
BAITEMAN, I  CO/PREREQUISITE REQUIRED
12001  003  (2)  Jun 17 – Jul 17 (4.5 weeks)  MTWRF 0900AM – 1200PM  LFSCB 0131
BAITEMAN, I  CO/PREREQUISITE REQUIRED

Prerequisites: A “C” grade or better in BIOI 101 and BIOZ 101L or equivalent. Corequisite: BIOZ 205L. Laboratory stressing human body structure with emphasis on the skeletal-muscular systems, utilizing the cat for dissection and human specimens and models as demonstrations. Not applicable for credit toward the B.S. in biology.

PHI 206 HUMAN PHYSIOLOGY
12217  001  (3)  Jul 18 – Aug 16 (4 weeks)  MTWRF 0800AM – 0900AM  LFSCB 0131
POTTEGER, J  CO/PREREQUISITE REQUIRED

Prerequisites: A “C” grade or better in BIOI 101 and BIOZ 101L or equivalent. Functioning of the human body with emphasis on experimental procedures. Not applicable to the biology major.

BIOI 209 MEDICAL MICROBIOLOGY
12099  001  (3)  Jun 17 – Jul 17 (4.5 weeks)  MTWRF 0800PM – 0900PM  LFSCB 0204
PENDLAND, J  CO/PREREQUISITE REQUIRED

Prerequisites: A “C” grade or better in BIOI 101 and BIOZ 101L or equivalent. General principles of microbiology and immunology to provide a thorough understanding of the host-microbe relationship in disease. Not applicable for credit toward the B.S. in biology.

BIOI 209 MEDICAL MICROBIOLOGY LABORATORY
12091  001  (3)  Jun 17 – Jul 17 (4.5 weeks)  MTWRF 0900AM – 1100AM  LFSCB 0204
PENDLAND, J  CO/PREREQUISITE REQUIRED

Prerequisites: A “C” grade or better in BIOI 101 and BIOZ 101L or equivalent. Independent research by students in areas of systematics, environmental, developmental, behavioral, cellular and molecular biology, and comparative physiology.
In-depth examination of selected administration of justice topics. The development of the student's ability to assess methods of argumentation, use information and apply existing knowledge regarding crime, crime trends, law, law enforcement, the adjudication process, corrections and crime prevention. Scenarios, research, projections and evaluation of different viewpoints will be employed to develop the student's ability to assess methods of argumentation, use information and apply existing knowledge to new fact situations. A writing intensive course restricted to seniors in criminal justice. Field internship allows the student to relate theory to practice through observation and experience. Must be performed in an approved agency or organizational setting under the supervision of a faculty member. An application is required a semester in advance. Graded as pass/fail.

CRJS 591 TOPIC

MEDIA, IDEOLGY, POLIT IN CRJ

TBA

GRANT, P

GRADUATE STUDENTS ONLY

APPLY FOR THEN ADMISSION TO CRJ

PERMISSION OF DEPARTMENT REQUIRED

BUGS, BONES, BOTANY

10407 C91 (3)

MTVRF 0746AM - 0930PM

BYRD, J

CONTACT DEPT. ABOUT ROOM LOCATION

Periodic seminar in contemporary criminal justice topics.

CRJS 600 SEM IN LEGAL PROCEDURE

10408 C90 (3)

T 0600PM - 0840PM

HAGUE, J

MEETINGS AT DIFFERENT TIMES

CRJS 660 SEM IN LEGAL PROCEDURE

10409 C91 (3)

MTVRF 0900AM - 1200PM

SMITH, M

STAFF

PERIODIC SEMINAR

Research leading to the M.S. and Ph.D. degree.

Computer Science

See the School of Engineering for Computer Science course listings.

CRJS 260 CRIMINAL LAW

11894 C01 (3)

MTVRF 0900AM - 1200PM

SIX, T

Research leading to the M.S. and Ph.D. degree.

CRJS 300 FORENSIC CRIMINOLOGY

10295 C01 (1)

MTVRF 0900AM - 1200PM

CRJS 394 FIELD SERVICE IN CRIMINAL JUST

10394 C01 (3)

MTVRF 0900AM - 1200PM

GORDON, J

APPLICATION REQUIRED

Designed to provide the student with an opportunity to participate as a volunteer worker in a criminal justice agency. Offers actual experience as an agency volunteer under the general supervision of a faculty member. An application is required a semester in advance. Graded as pass/fail.

CRJS 463 COMPARATIVE CRJS SYSTEMS

10298 C01 (3)

TR 0600PM - 0840PM

GEARY, D

Study of national and international criminal justice systems with an emphasis on historical, cultural and operational comparisons. Contemporary research relating to law enforcement, adjudication and correctional systems will be considered.

CRJS 475 CASE STUDIES CRIMINAL PROCEDURE

10299 C01 (1)

MV 0300PM - 0540PM

HAGUE, J

Analyzes case studies reflecting the supervisory role of the courts over the prosecutorial use of testimonial and nontestimonial evidence; examines by actual cases the judicial interpretive processes by which the public safety is balanced with individual rights.

CRJS 480 SEMINAR WI

10405 C01 (1)

MTVRF 0900AM - 1200PM

GRANT, P

WRITING INTENSIVE COURSE

A capstone course designed to assist students to apply and to think critically about current knowledge regarding crime, crime trends, law, law enforcement, the adjudication process, corrections and crime prevention. Scenarios, research, projections and evaluation of different viewpoints will be employed to develop the student’s ability to assess methods of argumentation, use information and apply existing knowledge to new fact situations. A writing intensive course restricted to seniors in criminal justice.

CRJS 491 TOPIC

JUST & HUMAN RIGHTS

10402 C01 (3)

MTVRF 0900AM - 1200PM

GEARY, D

APPLIED INTERDISCIPLINARY

BUGS, BONES, BOTANY

10401 C01 (3)

MTVRF 0900AM - 1200PM

JASON, B

Contact Dept. About Room Location

In-depth examination of selected administration of justice topics.

Economics

See the School of Business for Economics course listings.

English

ENGL 101 THE CRAFT OF WRITING

10509 C01 (3)

MV 0300PM - 0540PM

HAGUE, J

GRADUATE STUDENTS ONLY

APPLICATION REQUIRED

ENGL 114 ENGLISH GRAMMAR AND USAGE

12010 C01 (3)

MV 0600PM - 0840PM

SCHMITZ, G

APPLICATION REQUIRED

Prerequisites: ENGL 101 or permission of the director of composition and rhetoric. An intensive study of the fundamentals of English grammar, usage, punctuation, mechanics and spelling through drills and written exercises. This course is not equivalent to ENGL 101 or 200, and these credits may not be used to satisfy the College of Humanities and Sciences degree requirement in composition and rhetoric.
ENGL 200 THE CRAFT OF WRITING W/ RESEARCH
10513 001 (3)
MW 0600PM – 0840PM
PRICHERD, F
CO/PREREQUISITE REQUIRED
10514 902 (3)
TR 0600PM – 0840PM
STAFF
CO/PREREQUISITE REQUIRED
10515 903 (3)
TR 0600PM – 0840PM
STAFF
CO/PREREQUISITE REQUIRED
10516 904 (3)
TR 0600PM – 0840PM
KING, R
CO/PREREQUISITE REQUIRED
10517 905 (3)
TR 0800PM – 1040PM
STAFF
CO/PREREQUISITE REQUIRED
10518 906 (3)
TR 0800PM – 1040PM
STAFF
CO/PREREQUISITE REQUIRED
10519 907 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10520 908 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10521 909 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10522 910 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10523 911 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10524 912 (3)
TR 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10525 913 (3)
MW 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10526 914 (3)
TR 0900PM – 0540PM
STAFF
CO/PREREQUISITE REQUIRED
10527 915 (3)
MW 0900PM – 0540PM
COMBA, C
CO/PREREQUISITE REQUIRED
12088 916 (3)
TR 0900PM – 0540PM
COMBA, C
CO/PREREQUISITE REQUIRED
12087 917 (3)
MW 0900PM – 0540PM
CORNELIUS, C
CO/PREREQUISITE REQUIRED
12092 918 (3)
MW 0900PM – 0540PM
CORNELIUS, C
CO/PREREQUISITE REQUIRED
Prerequisites: ENGL 101 and sophomore standing (completion of 24 credits). Intensive study of the principles and practices of critical reading, analysis and writing methods and criteria for finding and evaluating information from a variety of printed and electronic sources; appropriate ways to use and document outside evidence in academic writing.

ENGL 201 WESTERN WORLD LITERATURE I
10529 002 (3)
MTWR 1000AM – 1245PM
BERRY, B
PREREQUISITE: ENGL 101. An introduction to the literature of Western cultures from the ancient world through the Renaissance, emphasizing connections among representative works.

ENGL 202 WESTERN WORLD LITERATURE II
10530 001 (3)
MTWR 0900AM – 1010AM
COPPREDGE, W
Prerequisite: ENGL 101. An introduction to the literature of Western cultures from the end of the Renaissance to the present, emphasizing connections among representative works.

ENGL 204 BRITISH LITERATURE II
12065 901 (3)
TR 0900PM – 0540PM
PRICHERD, F
CO/PREREQUISITE REQUIRED
Prerequisite: ENGL 101. An introduction to the literature of the British Isles from the late 18th century to the present, emphasizing connections among representative works.

ENGL 205 AMERICAN LITERATURE I
10532 001 (3)
MTWRF 0900AM – 1150AM
FINE, R
CO/PREREQUISITE REQUIRED
Prerequisite: ENGL 101. An introduction to the literature of the United States from its origins through the 1860s, emphasizing connections among representative works.

ENGL 206 AMERICAN LITERATURE II
10533 001 (3)
MTWRF 0900AM – 1200PM
KINNEY, J
CO/PREREQUISITE REQUIRED
Prerequisite: ENGL 101. An introduction to the literature of the United States from the 1860s to the present, emphasizing connections among the representative works.

ENGL 215 READINGS IN LITERATURE
10546 001 (3)
MTWRF 1000AM – 1245PM
FAGAN, A
CO/PREREQUISITE REQUIRED
PREREQUISITE: ENGL 101. An introduction to literature through the study of two or more types, such as poetry, fiction, drama or essay.

ENGL 236 WOMEN IN LITERATURE
10551 001 (3)
MTWRF 1000AM – 1245PM
DOUD, S
SAVE AS WMNS-236
PREREQUISITE: ENGL 101. An introduction to literature by and/or about women.

ENGL 291 TOP: SCIENCE FICTION
12184 001 (3)
MTWRF 1000AM – 1210PM
DANVERS, D
CO/PREREQUISITE REQUIRED
PREREQUISITE: ENGL 101. An introduction to literature through the in-depth study of a selected topic or genre.

ENGL 301 ENGLISH STUDIES: READING LITERATURE
12062 001 (3)
MTWRF 0900AM – 1200PM
HARKNESS, M
CO/PREREQUISITE REQUIRED
Prerequisites: ENGL 101 and three credits in 200-level literature courses (or equivalent). Study of literature focused on skills helpful in the English major, introducing students to the ways in which language is used in literary texts and to the practice of writing responses to those texts. Texts will represent at least two genres (drama, poetry, fiction, prose). This course should be taken at the beginning of the student’s major, preferably before completing more than six hours of other upper-level English courses. Majors are required to take ENGL 301; they must achieve at least a “C” grade to complete the requirement.

ENGL 302 LEGAL WRITING WI
10565 001 (3)
MTWRF 0900AM – 1200PM
DORAN, W
CO/PREREQUISITE REQUIRED
Prerequisites: ENGL 101 and sophomore standing (completion of 24 credits). Intensive study of the principles and practices of critical reading, analysis and writing methods and criteria for finding and evaluating information from a variety of printed and electronic sources; appropriate ways to use and document outside evidence in academic writing.

ENGL 303 WRITING IN THE WORKPLACE WI
12110 901 (3)
MTWRF 0900AM – 1200PM
STRONG, P
CO/PREREQUISITE REQUIRED
PREREQUISITE: ENGL 200. Intensive practice in writing on subjects related to law or legal problems. Emphasis on organization, development, logical flow and clarity of style. May not be used to satisfy the literature requirement of the College of Humanities and Sciences.

ENGL 305 CREATIVE WRITING
ENGL 203 CHILDREN'S LITERATURE I
Prerequisites: Three credits in 200-level literature courses (or equivalent). An examination of the novel, its development of critical writing skills used in business, science, technology and government, including instructions, descriptions, process explanations, reports, manuals and proposals. The course will include such topics as communication theory, technical style, illustrations, formats for proposals, reports and manuals. May not be used to satisfy the literature requirement of the College of Humanities and Sciences.

ENGL 351 CHILDREN'S LITERATURE I
Prerequisites: Three credits in 200-level literature courses (or equivalent). Designated to give students an appreciation of children's literature; includes biography, fable, myth, traditional and modern fanciful tales and poetry, as well as a survey of the history of children’s literature. May not be used to satisfy the College of Humanities and Sciences requirement in literature.

ENGL 367 EASTERN THOUGHT WEST LITERATURE
Prerequisites: Three credits in 200-level literature courses (or equivalent). An exploration of the influence of Eastern thought on selected Western writers, with emphasis on the period from the 19th century to the present.

ENGL 373 AMERICAN LIT: REALISM & NAT
Prerequisites: Three credits in 200-level literature courses (or equivalent). A study of American writings since the end of World War II, with attention to such authors as Albee, Auster, Baldwin, Carver, Didion, Ellison, Ginsberg, Lowell, Morrison, Percy, Platt, Salinger and Walker.

ENGL 385 NATURE WRITING WI
Prerequisites: Three credits in 200-level literature courses (or equivalent). A study of the literary genre of nature writing in English.
ENVS 492 INDEPENDENT STUDY

Prerequisite: Graduate standing in M.F.A. program or permission of the Creative Writing Committee. All students seeking to enroll must contact the creative writing M.F.A. director. Study of the art of fiction writing, with the goal of producing professionally acceptable and publishable fiction. Workshop members shall produce a substantial amount of writing, short stories or a portion of a novel, and in addition shall be able to evaluate and articulate the strengths of their own work. Graded as pass/fail.

ENVS 493 INDEPENDENT STUDY

Prerequisite: Permission from department chair. For students in English/English education to pursue, in depth, a particular problem or topic about which an interest or talent has been demonstrated. 

ENVS 493 INTERNSHIP IN ENVIS

Provides students with a workplace experience in a public or private agency related to Environmental Studies. Possible Internship Opportunities: Virginia Economic Development Partnership, Department of Environmental Quality, Department of Game and Inland Fisheries, Department of Conservation and Recreation, Virginia Environmental Endowment, Alliance for the Chesapeake Bay, Chesapeake Bay Foundation, Jahnies River Association, Virginia Power, James River Corporation.

ENVS 499 INTERNSHIP IN ENVIS

An in-depth study of a selected environmental topic. Prerequisites vary by topic.

ENVS 591 TOPIC

PERMISSION OF DEPARTMENT REQUIRED

ENVS 593 TOPIC

PERMISSION OF DEPARTMENT REQUIRED

ENVS 692 INDEPENDENT STUDY

Prerequisite: Permission from department chair. For students in English/English education to pursue, in depth, a particular problem or topic about which an interest or talent has been demonstrated.

ENVS 693 INTERNSHIP IN ENVIS

Provides students with a workplace experience in a public or private agency related to Environmental Studies. Possible Internship Opportunities: Virginia Economic Development Partnership, Department of Environmental Quality, Department of Game and Inland Fisheries, Department of Conservation and Recreation, Virginia Environmental Endowment, Alliance for the Chesapeake Bay, Chesapeake Bay Foundation, Jahnies River Association, Virginia Power, James River Corporation.

ENVS 699 THESIS

Planning, preparation, completion, and presentation of research in environmental studies.

French

Students who wish to continue the same language they studied in high school must take the foreign language placement test. Contact the Department of Foreign Languages at (804) 828-2200 for test dates. Students who have taken language at another college will normally continue with the next level of language study; there should be no need to take a placement test.

Additional language study is available through the Study Abroad Program. Additional fees apply. Call the International Education Program for more information, (804) 828-8471. Also see page 60.

FREN 101 ELEMENTARY FRENCH

FREN 102 ELEMENTARY FRENCH

College of Humanities and Sciences • ENGL – FREN
FREN 201 INTERMEDIATE FRENCH
10710 001 (3) May 20 – Jun 21 (4 weeks) MTWF 1040AM – 1220PM BUSNS 1107 STAFF
Continuation of the essentials of grammar with emphasis on achieving proficiency in aural comprehension, speaking, reading and writing skills.

FREN 202 INTERMEDIATE FRENCH READINGS
10711 001 (3) Jun 24 – Jul 26 (5 weeks) MTWF 1040AM – 1220PM BUSNS 1109 GENET, M
Prerequisite: FREN 201 or the equivalent. Designed to increase the student’s proficiency through the study of selected cultural and literary texts. In order to complete French through the intermediate level, a student may select FREN 202 or 205.

FREN 492 INDEPENDENT STUDY
10712 001 (1) May 20 – Aug 16 (13 weeks) TBA MURPHY-JUDY, K
Open generally to students of only junior or senior standing who have six credits of upper-level French courses and/or a demonstrated competency in the language. Determination of course content and permission of the instructor must be obtained prior to registration of the course. A course designed to give students an opportunity to become involved in independent study in a literary or linguistic area or subject in which they have an interest.

Foreign Languages
FRLG 203 LANG & IDEN: MODERN NORDIC WORLD
12166 003 (5) May 20 – Jun 20 (5 weeks) MTWR 0930AM – 1215PM BUSNS 2138 LINDE-LAURSEN, A SAME AS INTL-203
Prerequisites: Prior completion of nine credits in a foreign language at the 100 level, with a course in advanced grammar and composition, one in conversation and one in civilization. Under the supervision of both a faculty member and a field supervisor, students will apply their linguistic skills in an approved work situation, and each internship will be specifically designed in accordance with the student’s linguistic level and the job requirements. Students studying languages in which the 100-level courses are not available will be handled on a case by case basis in the screening process. All students will be screened before acceptance. Students wishing to undertake a non-urban project will register for an independent study.

Geography
GEOG 105 PHYSICAL GEOLOGY
10731 001 (3) May 20 – Aug 16 (13 weeks) TBA STAFF
An introduction to human geography from a global perspective, emphasizing settlement patterns, human-environment interactions, cultural variations, political transitions and population change in the global economy.

GEOG 106 PHYSICAL GEOLOGY
10732 001 (3) May 20 – Jun 25 (5 weeks) MTWR 0930AM – 1115PM TEMPL 2223
A descriptive approach to physical geography dealing with the history and structure of the earth, catastrophic events and geology as it relates to the contemporary environment. An optional laboratory may be taken with this course. See GEOG 106L.

GEOG 203 PHYSICAL GEOGRAPHY
10733 001 (3) May 20 – Jun 25 (5 weeks) MTWF 0900AM – 1015PM BUSNS 2101 RADK, D
Prerequisite: FRLG 203 or the equivalent. Analysis of the interrelated systems of the earth. First semester: the earth in space, atmosphere, climate, natural vegetation, soils. Second semester: landforms, hydrology, oceanography. GEOG 204L, 204L are optional.

GEOG 204 PHYSICAL GEOGRAPHY
10734 001 (3) Jun 24 – Jul 25 (5 weeks) MTWR 0900AM – 1115PM HIBBS 0427
Prerequisite: FRLG 203 or the equivalent. Analysis of the interrelated systems of the earth. First semester: the earth in space, atmosphere, climate, natural vegetation, soils. Second semester: landforms, hydrology, oceanography. GEOG 204L, 204L are optional.

GEOG 312 HISTORY OF HUMAN SETTLEMENT UE
12102 001 (3) May 29 – Jul 17 (8 weeks) MW 0900PM – 0540PM BUSNS 1109 SHRIAR, A
A descriptive approach to physical geography dealing with the history and structure of the earth, catastrophic events and geology as it relates to the contemporary environment. An optional laboratory may be taken with this course. See GEOG 106L.

GEOG 311, 312. A cultural geography of human diffusion over the earth, agricultural and urban systems, exploration, migration and colonization, and changing attitudes toward the environment. First semester: before 1760. Second semester: during and since the Industrial Revolution.

GEOG 391 TOPICS: COASTAL PLAIN PROVINCE
12173 001 (1) Jun 20 – Jun 20 (2 weeks) MTWF 0945AM – 1045AM TOBEA, D
A one-day field trip to study the geology of the coastal plain of Virginia. Class meets June 8, 2002 only. Students should be at the Cary Street entrance to the Cran Center for Life Sciences at 7:45 a.m. (return at approximately 6 p.m.). Additional information will be mailed to the listed addresses of registered students. Trip includes discussion of coastal plain geology, physiography, paleontology and environmental problems. There will be a take-home test and a paper, which is due on June 20.

GEOG 492 INDEPENDENT STUDY
10722 001 (1) May 20 – Aug 16 (13 weeks) TBA SHRIAR, A
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisites: Junior or senior standing required. Permission of the instructor and of the geography program director must be obtained prior to registering for this course. Under the supervision of a geography faculty member, a student studies a topic of mutual interest.

German
Students who wish to continue the same language they studied in high school must take the foreign language placement test. Contact the Department of Foreign Languages at (804) 828-2200 for test dates. Students who have taken language at another college will normally continue with the next level of language study; there should be no need to take a placement test.

Additional language study is available through the Study Abroad Program. Additional fees apply. Call the International Education Program for more information, (804) 828-9471. Also see Page 60.

GRMN 101 ELEMENTARY GERMAN
10726 001 (4) May 20 – Jun 21 (4 weeks) MTWR 0900AM – 1020AM BUSNS 1109 GODWIN-JONES, R
Continuation of the essentials of grammar with emphasis on achieving proficiency in aural comprehension, speaking, reading and writing skills.

GRMN 102 ELEMENTARY GERMAN
10727 001 (4) Jun 24 – Jul 26 (5 weeks) MTWR 0900AM – 1020AM BUSNS 2136 STAFF
Prerequisite: GRMN 101 or the equivalent. Designed to increase the student’s proficiency in German through the study of selected cultural and literary texts. In order to complete German through the intermediate level, a student may elect GRMN 202, 205 or equivalent.

GRMN 205 INTERMEDIATE CONVERSATION
12167 001 (3) May 20 – Jun 7 (3 weeks) MTWF 1100AFM – 1200PM BUSNS 2136 DVORA, P
CO/PREREQUISITE REQUIRED
Prerequisite: GRMN 201 or the equivalent. Designed to increase the student’s proficiency in the spoken language through audio-oral exercises, dialogues and free conversation. In order to complete German through the intermediate level, a student may elect GRMN 202, 205 or equivalent.

History
HIST 101 SURVEY OF EUROPEAN HISTORY
10766 001 (3) May 20 – Jun 7 (3 weeks) MTWF 0900AM – 1200PM BUSNS 2117 CROMLEY, R
HIST 101, 102. A survey of European civilization from the ancient world to the present, emphasizing the events, ideas and institutions that have shaped, influenced and defined Europe’s place in the world. First semester: to 16th century. Second semester: 16th to present.

HIST 102 SURVEY OF EUROPEAN HISTORY
10767 001 (4) Jun 17 – Jul 17 (4.5 weeks) MTWF 0800AM – 0945AM BUSNS 1117 BRUCE, J
HIST 101, 102. A survey of European civilization from the ancient world to the present, emphasizing the events, ideas and institutions that have shaped, influenced and defined Europe’s place in the world. First semester: to 16th century. Second semester: 16th to present.

HIST 103 SURVEY OF AMERICAN HISTORY
10768 001 (3) May 20 – Jun 7 (3 weeks) MTWF 0900AM – 1200PM BUSNS 2128 BRICELAND, A
HIST 101, 102. A survey of American civilization from prehistory to the present, emphasizing the events, ideas and institutions that have shaped, influenced and defined America’s place in the world. First semester: to Reconstruction. Second semester: reconstruction to present.
HIST 104 SURVEY OF AMERICAN HISTORY
10761 001 (3) 10762 003 (3) 10762 003 (3) 10904 001 (3) 10904 002 (2) 10776 004 (4) 10778 002 (2) 10778 003 (3) 10781 003 (3) 10782 004 (4) 10784 002 (2) 10785 001 (3) 10785 002 (2) 10786 003 (3) 10786 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10779 003 (3) 10782 001 (3) 10784 002 (2) 10785 003 (3) 10786 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10779 003 (3) 10782 001 (3) 10784 002 (2) 10785 003 (3) 10786 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10779 003 (3) 10782 001 (3) 10784 002 (2) 10785 003 (3) 10786 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10779 003 (3) 10782 001 (3) 10784 002 (2) 10785 003 (3) 10786 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10773 002 (2) 10773 003 (3) 10773 004 (4) 10779 003 (3) 10782 001 (3) 10784 002 (2) 10785 003 (3) 10786 004 (4)
LATN 101-102 ELEMENTARY LATIN
10914 001 (4)  Phil May 20 – Aug 1 (5 weeks)
CLAEGT, M
CONTACT DEPT. ABOUT ROOM LOCATION

LING 449 INTRODUCTION TO LINGUISTICS
1206C 001 (3)  Phil Jul 29 – Aug 16 (3 weeks)
MTVR 0100AM – 0200PM
KUHN, E
COURSE FOR MAJORS ONLY
SAME AS ANTH-449, ENGL-449
CO/PREREQUISITE REQUIRED
An introduction to methods of language analysis, emphasizing the study of sounds and sound patterns, and units of meaning and their arrangements. May not be used to satisfy the College of Humanities and Sciences requirements in English. For English majors, these courses (limit of six credits) may be counted as part of graduate or undergraduate degree, but not both.

MASC 101 MASS COMMUNICATIONS
12016 001 (3)  Phil May 20 – Jun 20 (5 weeks)
MTVR 0900AM – 1200PM
CAMPBELL, J
A broad survey of mass media, with emphasis on new media, global media and the business of media as traditional lines blur among journalism, advertising and public relations. The history and evolution of mass media are examined. Pre-requisites: MASC 101 or ENGL 101, sophmore standing, typewriting proficiency of 36 words per minute and successful completion of a language skills test. Students must obtain permission to register from the School of Mass Communications office. Study and practice in fact gathering and development of the basic skills needed for writing for the media. Focus on newspaper writing stressing grammar skills.

LATIN
ITALIAN
Students who wish to continue the same language they studied in high school must take the foreign language placement test. Contact the Department of Foreign Languages at (804) 828-2200 for test dates. Students who have taken language at another college will normally continue with the next level of language study; there should be no need to take a placement test. Additional language study is available through the Study Abroad Program. Additional fees apply. Call the International Education Program for more information, (804) 828-8471. Also see Page 60.

ITAL 101 ELEMENTARY ITALIAN
10913 001 (4)  Jun CLAGETT, M CONTACT DEPT. ABOUT ROOM LOCATION
MTVR 0800AM – 1000AM
Mathematical Sciences

Any student requiring a mathematics course before enrolling in a calculus, statistics or computer science course should note the following: If you have not taken the mathematics placement test and have not taken the prerequisite course for the course you need, take the mathematics placement test before enrolling in mathematical sciences courses. With the advent of new general education requirements in all schools within the university, the 100- and 200-level mathematical sciences courses have been revised. Make sure you know which of these courses are recommended for your major. Both the Department of Mathematical Sciences and your adviser can help you with the possible choices. For those preparing for, and not placing into, calculus (MATH 200), MATH 151 Precalculus Mathematics is the appropriate prerequisite course. For those preparing for, and not placing into, statistics (STAT 208 or STAT 210), MATH 131 is the recommended prerequisite, though any higher-numbered MATH course will serve as well. It is important that you satisfy any of your department's requirements while preparing for your statistics course.

Please note: All MATH 001 and MATH 141 sections are offered in the self-paced laboratory format.

MATH 001 ELEMENTARY ALGEBRA

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MATH 131 INTRO TO CONTEMPORARY MATH

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Prerequisite: MATH 001 or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Topics include optimization problems, data handling; growth and symmetry; and mathematics with applications in areas of social choice. Major emphasis is on the process of taking a real-world situation, converting the situation to an abstract modeling problem, solving the problem and applying what is learned to the original situation. Serves as a prerequisite for STAT 208 or 210, but does not serve as a prerequisite for calculus or other advanced mathematics sciences courses.

MATH 141 ALGEBRA WITH APPLICATIONS

10981 001 30900 002
May 20 – Jun 13 (4.5 weeks) May 20 – Jun 13 (4 weeks)
MTWRF 0900AM – 1200PM MTWRF 0900AM – 1200PM
OLPH 1031 OLPH 1031
STAFF STAFF

Prerequisite: MATH 001 or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Topics include sets, functions, exponents, logarithms, matrix algebra, systems of linear equations, inequalities, binomial theorems, sequences, series, complex numbers and linear programming. Students may not receive degree credit for both MATH 141 and MATH 101. Credit for no more than one course may be earned from among MATH 101, MATH 111 and MATH 141.

MATH 101 CALCULUS WITH ALGEBRA

10985 001 30900 002
Jun 17 – Jul 17 (4.5 weeks) Jun 17 – Jul 17 (4.5 weeks)
MTWRF 0900AM – 1200PM MTWRF 0900AM – 1200PM
BUSNS 1198 BUSNS 1198
STAFF STAFF

Prerequisite: MATH 001 or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Topics include limits, continuity, derivatives, differentials, antiderivatives and definite integrals. Applications of differentiation and integration. Selected topics in analytic geometry. Infinite series.

MATH 201 CALCULUS ANALYTIC GEOMETRY II

10987 002 30900 003
Jun 18 – Aug 16 (4.5 weeks) Jun 17 – Aug 7 (8 weeks)
MTWRF 1100AM – 1200PM MTR 0900PM – 0940PM
OLPH 2084 BUSNS 1107
STAFF STAFF

Prerequisite: MATH 200. Prerequisite for MATH 200: MATH 151 or satisfactory score on the VCU Mathematics Placement Test (algebra section) within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Prerequisites for MATH 201: MATH 200. Limits, continuity, derivatives, differentials, antiderivatives and definite integrals. Applications of differentiation and integration. Selected topics in analytic geometry. Infinite series.

MATH 200 CALCULUS ANALYTIC GEOMETRY I

10982 001 30900 002
Jun 17 – Jul 17 (4.5 weeks) Jun 17 – Jul 17 (4.5 weeks)
MTWRF 0800AM – 1105AM MTWRF 0800AM – 1105AM
OLPH 2084 BUSNS 1198
STAFF STAFF

STAFF

Prerequisite: MATH 001 or satisfactory score on the VCU Mathematics Placement Test (algebra section) within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Prerequisites for MATH 200: MATH 151 or satisfactory score on the VCU Mathematics Placement Test (algebra section) within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Prerequisites for MATH 201: MATH 200. Limits, continuity, derivatives, differentials, antiderivatives and definite integrals. Applications of differentiation and integration. Selected topics in analytic geometry. Infinite series.
and remedies for improper administrative acts. 
control over administrative discretion, legislative and judicial controls over the administrative process, 
ing within the framework of public agencies. It will examine the development of the law, the use and 
formulating and analyzing alternative responses, recommending policy actions for decision making, and 
The examination of various methods for identifying and structuring public policy problems and issues, 
The general concepts, principles and techniques of financial management as they are applied in govern-

Military Science

MILS 203 BASIC MILITARY SCIENCE
TBA
May 20 – Jun 20 (5 weeks)

MILS 304 ADVANCED MILITARY SCI
TBA
May 20 – Jun 20 (5 weeks)

Public Administration

PADM 601 PRINCIPLES PUBLIC ADMINISTRATION
TBA
May 20 – Jun 20 (5 weeks)

PADM 609 FINANCIAL MANAGEMENT IN GOVERNMENT
May 20 – Jul 8 (7 weeks)

PADM 625 PUBLIC POLICY ANALYSIS
May 20 – Jul 25 (5 weeks)

PADM 652 ADMINISTRATIVE LAW
May 21 – Jul 2 (7 weeks)
PHYS 207 UNIVERSITY PHYSICS I LAB
11474 002 (1) May 24 – Jul 21 (16 weeks)
MWF 1200PM – 0200PM
TEML 3317
STAFF

PHYS 397 DIRECTED STUDY
11484 001 (1) May 20 – Aug 16 (13 weeks)
TBA
BASKI, A
PERMISSION-OF-INSTRUCTOR REQUIRED
11485 002 (2) May 20 – Aug 16 (13 weeks)
TBA
BASKI, A
11486 003 (3) May 20 – Aug 16 (13 weeks)
TBA
BASKI, A

Open to nonmajors. Determination of amount of credit and permission of instructor must be obtained before registration of course. Intended to allow nonmajors and majors to examine in detail an area of physics or physics-related technology not otherwise available in upper-level courses. May involve either directed readings or directed laboratory work.

PHYS 492 INDEPENDENT STUDY
11487 001 (1) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11488 002 (2) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11489 003 (3) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11490 012 (2) May 20 – Aug 16 (13 weeks)
TBA
KHANNA, S

Open generally to students of only junior or senior standing who have acquired at least 12 credits in the departmental discipline. Determination of the amount of credit and permission of instructor and department chair must be procured prior to registration of the course. Independent projects in experimental or theoretical physics.

PHYS 697 DIRECTED RESEARCH
11493 001 (1) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11494 002 (2) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11495 004 (4) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11496 005 (5) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R
11497 006 (6) May 20 – Aug 16 (13 weeks)
TBA
GOWDY, R

Prerequisites: At least on graduate-level physics course and permission of instructor. Research leading to the master of science degree.

Political Science

POLI 103 U.S. GOVERNMENT
11501 001* (6) May 20 – Jul 16 (6 weeks)
MTWR, 1000AM – 1200PM
BUSN 2119

A study of American national government focusing on its underlying political ideas, constitutional basis, major institutions, and their interaction in the determination of public policy.

POLI 105 INTERNATIONAL RELATIONS
11504 001 (3) May 20 – Jun 7 (3 weeks)
MTWR, 1000AM – 1200PM
HIBBS 0427

GHOSE, S
SAVE AS INTL-105
11505 001 (3) May 28 – Jul 18 (8 weeks)
MTWR, 0900AM – 0940PM
HIBBS 0429

GHOSE, S
SAVE AS INTL-105

An introductory analysis of interstate relations and world affairs. Attention focuses on theories of international politics, military capabilities and their application, international organizations, global economic trends, domestic sources of state behavior and other selected issues as appropriate.

POLI 201 INTRODUCTION TO POLITICS
11510 001 (3) May 20 – Jun 7 (3 weeks)
MTWR, 1000AM – 1200PM
OLVED 2117
WIKSTROM, N

This course examines the basic concepts involved in the study of politics. Topics include nature of the state, purpose of government, justice, power, etc.

POLI 205 INTRO SOCIAL SCIENCE COMPUTING
11511 001 (1) May 20 – Jun 7 (3 weeks)
MTWR, 0900AM – 0940PM
HIBBS 8008
HENRY, N
SAVE AS DDY-205

Required of all sociology and anthropology majors concentrating in sociology. An introduction to the use of SPSS for storage, retrieval and exploration of social science data.

POLI 314 U.S. CONSTITUTIONAL LAW
11513 001 (3) May 20 – Jun 7 (3 weeks)
MTWR, 1000AM – 1200PM
BUSN 2139
MUSTAF, A
College of Humanities and Sciences • POLI – PSYC

PSYC 301 CHILD PSYCHOLOGY
11521 001 (3) May 20 – Jun 7 (3 weeks)
MTWRF 0900AM – 1200PM
HIBBS 2125
MYERS, B

Prerequisite: PSYC 101. A study is made of the growth and development of the child up to puberty. Childlike is viewed in terms of physical, mental, social, emotional and educational factors. (PSYC 304 Life Span Developmental Psychology may not also be taken for credit.)

PSYC 302 PSYCHOLOGY OF ADOLESCENCE
11523 001 (3) Jul 29 – Aug 16 (3 weeks)
MTWRF 0900AM – 1100AM
HIBBS 2110
GOIN, R

Prerequisites: PSYC 101 and either PSYC 301 or PSYC 304. A study of mental, moral, social and physical development from puberty to maturity viewed as child psychology. Designed for secondary school teachers, youth leaders and professional psychologists.

PSYC 303 PERSONAL ADJUSTMENT
11540 001 (3) Jun 17 – Jul 17 (4.5 weeks)
MTWRF 0900AM – 1200PM
HIBBS 2028
STAFF

Prerequisite: PSYC 101. Surveys major theories of personality as a basis for studying theory, research and intervention into areas that require personal adjustment. Such areas include sense of self, stress and coping, work and career and several varieties of interpersonal relationships. Positive adjustment and growth as well as problems are discussed.

PSYC 304 LIFE SPAN DEVELOPMENTAL PSYC
11542 002 (3) Jun 24 – Jul 25 (6 weeks)
MTWRF 1000AM – 1245PM
HIBBS 1107
STAFF

Prerequisite: PSYC 101. Surveys major theories of personality as a basis for studying theory, research and intervention into areas that require personal adjustment. Such areas include sense of self, stress and coping, work and career and several varieties of interpersonal relationships. Positive adjustment and growth as well as problems are discussed.

PSYC 305 EDUCATIONAL PSYCHOLOGY
11543 002 (3) Jun 24 – Jul 25 (5 weeks)
MTR 0930AM – 1200PM
OUID 4984A
LINDSTROM, J

Prerequisite: PSYC 301. The application of psychological principles to the teaching-learning process with special emphasis on theories of learning and development.

PSYC 306 ADULT DEVELOPMENT
11544 001 (3) May 20 – Jun 20 (5 weeks)
MTWRF 0900AM – 1245PM
HIBBS 2105
STAFF

Prerequisites: PSYC 101 and either PSYC 301 or PSYC 304. The life stages and transitions of the young adult, middle age and young-old phases of the life cycle are considered, following a review of methods of research within lifespan development psychology. Topics include the impact of events such as birth of the first child, job relocation, mid-life re-evaluation and anticipated retirement.

PSYC 308 STRESS AND ITS MANAGEMENT
11545 002 (3) Jun 17 – Jul 17 (4.5 weeks)
MTWRF 1000AM – 1245PM
HIBBS 2028
MAZZEO, S

Prerequisite: PSYC 101. Physiological and psychological aspects of stressors and the stress response. Review of principles, research and methods of stress management, such as relaxation, self-suggestions, meditation and biofeedback.

PSYC 309 PERSONALITY
11546 001 (3) Jun 17 – Jul 25 (6 weeks)
MTWRF 1000AM – 1245PM
HIBBS 2105
STAFF

Prerequisite: PSYC 101. The study of the various approaches to understanding human behavior in terms of personality theory. Various theories will be examined for commonality and uniqueness in assumptions, dynamics and development of personality.

PSYC 317 EXPERIMENTAL METHODS W
11550 001 (3) May 20 – Jun 20 (5 weeks)
MTWRF 1200PM – 0230PM
HIBBS 2028
STAFF

PREREQUISITE REQUIRED

Writing Intensive Course

PSYC 318 PRINCIPLES, TESTS & MEASUREMENT
11551 001 (3) Jun 20 – Jul 25 (5 weeks)
MTWRF 1000PM – 0230PM
HIBBS 0407
STAFF

CO/PREREQUISITE REQUIRED

Prerequisites: PSYC 101 and PSYC 214. Concepts in psychological measurement and a survey of commonly used tests; testing procedures and rationale underlying these tests; tests of intelligence, aptitude, achievement, interest and personality critically examined, procedures described for selecting and evaluating specific group tests in these areas.
PSYC 321 SOCIAL PSYCHOLOGY
MTWR 0100PM – 0315PM
LFSB 2051
STAFF
Prerequisite: PSYC 101. Survey and research in social psychology. Topics include interpersonal and social influence processes, attitudes and social cognition, the impact of personality on social behavior, conformity, leadership and small group behavior.

PSYC 322 PERSONALITY & BEHAVIOR OF AFR-AM
MTWR 0900AM – 1200PM
MCOREAPY, M
SAME AS AMAM 322
Prerequisite: PSYC 101. A study of personality factors such as motivation, ego-functioning and the socialization processes, with special emphasis on living conditions of African Americans.

PSYC 323 INTERPERSONAL RELATIONS
MTWR 0900AM – 1005PM
HIBBS 0328
Prerequisite: PSYC 101. Analyzes human relations from various theoretical perspectives. Typical topics include the effects of attraction, friendship, love and dependency on relationships; the evolution of relationships from infancy through termination. Strategies for increasing effectiveness of communication between individuals also are addressed.

PSYC 333 PSYCHOLOGY AND RELIGIOUS EXPERIENCE
MTWR 1000AM – 1200PM
STAFF
Prerequisite: PSYC 101. Religious belief and experience as viewed by major psychological theorists. How psychological methodology has been used to study religious experience. Topics include personality factors and development, conversion experiences, religious experiences and mental health and human values.

PSYC 335 PSYCHOLOGY OF WOMEN
MTWR 1000AM – 1200PM
INGRAM, K
SAME AS WOMS 335
Prerequisite: PSYC 101. Overview of issues in psychology relevant to women. Topics include: research methods of women's issues; sex-role socialization; women and hormones; psychological androgyny; personality theory and counseling strategies for women; women and language; women and violence, and rape and abuse.

PSYC 340 INTRO TO THE HELPING RELATION
MTWR 0900AM – 1200PM
BARRETT, S
SAME AS SOCY 341
Prerequisite: PSYC 101. Social and psychological principles and research related to the individual in groups. Specific topics include motivation for individuals forming and joining groups, performance and productivity of group members, group leadership and major and minority influence. The group will be examined in relation to the larger society and as a subculture in itself.

PSYC 401 PHYSIOLOGICAL PSYCHOLOGY
MTWR 1000AM – 1200PM
PORTER, J
Prerequisite: PSYC 101. Data from the fields of anatomy and physiology are presented, and their implications for psychological theory and practice are considered. The central nervous system, internal environment, vision, audition, reflexes, emotion, learning behavior disorders and their physiological components. Behavior of the human organism is studied from the biological point of view.

PSYC 406 PERCEPTION
MTWR 0900AM – 1200PM
JAMES, J
Prerequisite: PSYC 101. Perception of information from sensory systems with concentration on vision and hearing. Research and theories on how we learn and judge color, form, movement, depth and how individuals integrate these in object identification.

PSYC 407 PSYCHOLOGY OF THE ABNORMAL
MTWR 0900AM – 1200PM
STAFF
Prerequisite: PSYC 101. Development of personality is discussed, with emphasis on factors leading to maladjustment. Lectures and reading cover the symptom groups of emotional disorders of both psychological and organic origin. Methods of assessing and treating these disorders are surveyed.

PSYC 410 PRINCIPLES LEARNING & COGNITION
MTWR 0900AM – 1200PM
HIBBS 0441
Prerequisite: PSYC 101. Comprehensive treatment of learning and cognition with emphasis on humans, from behavioral, cognitive, biological and developmental viewpoints. Topics include conditioning, information processing, memory, sociocognitive and moral development.

PSYC 451 HISTORY & SYSTEMS OF PSYCHOLOGY
MTWR 0900AM – 1200PM
LEAHET, T
Prerequisite: PSYC 101. Comprehensive treatment of learning and cognition with emphasis on humans, from behavioral, cognitive, biological and developmental viewpoints. Topics include conditioning, information processing, memory, sociocognitive and moral development.
A study of the emergence of Islam in Arabia in the seventh century and its subsequent developments, including a look at the Qur'an (the holy book), the Prophetic traditions, the concept of God, and mysticism (sufism) and law (shari'ah) and an overview of ritual practices, fundamental beliefs, theological including a look at the Qur'an (the holy book), the Prophetic traditions, the concept of God, and mystical (sufism) and law (shari'ah) and an overview of ritual practices, fundamental beliefs, theological and intellectual approaches definitions and descriptions of the major features of the religious experience and of religious establishments, including concepts of the sacred, the numinous, religious language, texts, symbols, rituals and myths are reviewed. In addition, the social, political and spiritual dimensions of religion in human culture will be investigated.

Available only to graduate students in counseling psychology approved by the counseling program committee. A series of training experiences designed to facilitate progressively greater degrees of skill development in counseling psychology. A study of the emergence of Islam in Arabia in the seventh century and its subsequent developments, including a look at the Qur'an (the holy book), the Prophetic traditions, the concept of God, and mystical (sufism) and law (shari'ah) and an overview of ritual practices, fundamental beliefs, theological and intellectual approaches definitions and descriptions of the major features of the religious experience and of religious establishments, including concepts of the sacred, the numinous, religious language, texts, symbols, rituals and myths are reviewed. In addition, the social, political and spiritual dimensions of religion in human culture will be investigated.

REL 312 RELIGIONS OF THE WORLD

REL 313 ISLAM

A study of the emergence of Islam in Arabia in the seventh century and its subsequent developments, including a look at the Qur'an (the holy book), the Prophetic traditions, the concept of God, and mystical (sufism) and law (shari'ah) and an overview of ritual practices, fundamental beliefs, theological and intellectual approaches definitions and descriptions of the major features of the religious experience and of religious establishments, including concepts of the sacred, the numinous, religious language, texts, symbols, rituals and myths are reviewed. In addition, the social, political and spiritual dimensions of religion in human culture will be investigated.

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Available only to graduate students in counseling psychology approved by the counseling program committee. A series of training experiences designed to facilitate progressively greater degrees of skill development in counseling psychology.

This course examines the phenomenon of religion and religious experience. Through a phenomenological approach definitions and descriptions of the major features of the religious experience and of religious establishments, including concepts of the sacred, the numinous, religious language, texts, symbols, rituals and myths are reviewed. In addition, the social, political and spiritual dimensions of religion in human culture will be investigated.
Prerequisite: PSYC 101. Social and psychological principles and research related to the individual in groups. Specific topics include motivation for individuals forming and joining groups, performance and productivity of group members, group leadership and majority and minority influence. The group will be examined in relation to the larger society and as a subculture in itself.

SOCY 403 CRIMINOLGY
11717 901 (3) MAY 29 – JUL 17 (8 weeks)
MW 0600PM – 0840PM HIBBS 0427

Prerequisite: SOCY 101. Analysis of the nature, extent and distribution of crime, emphasizing theories of research on causation, prediction and prevention.

SOCY 492 INDEPENDENT STUDY
11719 003 (3) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF INSTRUCTOR REQUIRED

11720 004 (4) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF DEPARTMENT REQUIRED
PERMISSION OF INSTRUCTOR REQUIRED

Determination of the amount of credit and permission of the instructor and department chair must be procured prior to registration of the course. Cannot be used in place of existing courses.

SOCY 493 FIELD RESEARCH INTERNSHIP
11721 003 (3) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF DEPARTMENT REQUIRED
PERMISSION OF INSTRUCTOR REQUIRED

Prerequisites: Applications must be approved by a faculty adviser and by the internship coordinator. For sociology and anthropology majors of junior or senior standing. This course may be repeated for a maximum of six credits. Students are placed in organizations that offer supervised work or research experience appropriate to their interests. Each student must work 150 clock hours in the organization and write a sociological analysis of experiences using appropriate fieldwork methodological techniques.

SOCY 608 STAT FOR SOCIAL RESEARCH
11722 901 (3) MAY 21 – JUL 11 (8 weeks)
R 0400PM – 0640PM HIBBS 8099
TEMPL 2221

Prerequisite: SOCY/STAT 508 or permission of instructor. Statistical methods applied in social research. Topics include analysis of variance, correlation and regression, including stepwise methods, and the analysis of discrete data. Study of a statistical package, emphasizing manipulation of survey data sets. Not applicable toward M.S. degree in mathematical sciences or computer science.

SOCY 691 TOPIC
WOMEN'S WORLDS STUDY ABROAD
11987 C90 (3) JUL 2 – AUG 16 (7 weeks)
W 1000AM – 0150PM OFCMP

CONDT, D GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
CONTACT DEPT. ABOUT ROOM LOCATION

WOMEN'S WORLDS STUDY ABROAD
12142 C91 (3) JUL 2 – AUG 16 (7 weeks)
W 1000AM – 0150PM OFCMP

CONDT, D GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
CONTACT DEPT. ABOUT ROOM LOCATION

SOCY 692 INDEPENDENT STUDY
11723 001 (1) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF GRADUATE STUDIES REQUIRED

11724 003 (3) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF INSTRUCTOR REQUIRED

Prerequisites: Permission of an instructor and the graduate program committee.

SOCY 693 APPLIED RESEARCH INTERNSHIP
11725 002 (2) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF DEPARTMENT REQUIRED

11726 012 (2) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF DEPARTMENT REQUIRED

Provides graduate students with direct experiences in applied social research. Requires students to attend seminars to provide an academic framework for students’ participation in the research process. Utilizes laboratory work to provide a variety of experiences in the various aspects of research. Graded as pass/fail.

SOCY 698 MS THESIS
11711 001 (1) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF GRADUATE STUDENTS ONLY

11728 003 (3) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
PERMISSION OF DEPARTMENT REQUIRED

11729 005 (5) MAY 20 – AUG 16 (13 weeks)
TBA STAFF
GRADUATE STUDENTS ONLY

Spanish
Students who wish to continue the same language they studied in high school must take the foreign language placement test. Contact the Department of Foreign Languages at (804) 828-2200 for test dates. Students who have taken language at another college will normally continue with the next level of language study; there should be no need to take a placement test.

Additional language study is available through the Study Abroad Program. Additional fees apply. Call the International Education Program for more information, (804) 828-8741. Also see Page 60.

SPAN 101 ELEMENTARY SPANISH
11720 901 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 0800AM – 1025AM BUSNS 1116B

11721 002 (4) MAY 20 – JUN 21 (5 weeks)
MTVRF 0800AM – 1025AM WHITE, A

11723 004 (4) JUN 24 – JUL 26 (5 weeks)
MTVRF 0800AM – 1025AM PANEBECHI, M

SPAN 101-102. Elementary grammar, reading and oral drills.

SPAN 102 ELEMENTARY SPANISH
11724 001 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 0800AM – 1025AM PANEBECHI, M

11725 002 (4) JUN 24 – JUL 26 (5 weeks)
MTVRF 0800AM – 1025AM MUSTAFA, N

11726 003 (4) JUN 24 – JUL 26 (5 weeks)
MTVRF 0800AM – 1025AM STAFF

SPAN 102-103. Elementary grammar, reading and oral drills.

SPAN 201 INTERMEDIATE SPANISH
11720 901 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 1040AM – 1220PM BUSNS 1116B

11722 002 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 1040AM – 1220PM STAFF

11727 003 (4) JUN 24 – JUL 26 (5 weeks)
MTVRF 1040AM – 1220PM PANEBECHI, M

Continuation of the essentials of grammar, with emphasis on achieving proficiency in aural comprehension, speaking, reading and writing skills.

SPAN 202 INTERMEDIATE SPAN READINGS
11720 001 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 1040AM – 1220PM BUSNS 2138

12123 002 (3) MAY 20 – JUN 21 (5 weeks)
MTVRF 1040AM – 1220PM PANEBECHI, M

Prerequisite: SPAN 201 or the equivalent. Designed to increase the student’s proficiency through the study of selected cultural and literary texts. In order to complete Spanish through the intermediate level, a student may select SPAN 202 or 205.

SPAN 205 INTERMEDIATE SPAN CONVERSATION
11721 001 (3) MAY 20 – JUN 26 (5 weeks)
MTVRF 1040AM – 1220PM SAAVEDRA, P

12123 002 (3) MAY 20 – JUN 26 (5 weeks)
MTVRF 1040AM – 1220PM PANEBECHI, M

Prerequisite: SPAN 201 or the equivalent. Designed to increase the student’s proficiency in the spoken language through audio-oral exercises, dialogues and free conversation. In order to complete Spanish through the intermediate level, a student may select SPAN 202 or 205 or equivalent.

Statistics
Students requiring a statistics course for their majors should check with their departments or advisers regarding which course is appropriate. The two courses STAT 208 and STAT 210 replace the STAT 213 course, with some departments requiring STAT 210, some requiring STAT 208, and some recommending one or the other. Note that the prerequisite for either course is a satisfactory score on the Mathematics Placement Test or completion of MATH 131 or higher level MATH course. Transfer students can demonstrate accepted transfer credit for a college algebra (or higher level) course as prerequisite.

STAT 208 STATISTICAL THINKING
11713 004 (3) MAY 20 – JUN 21 (6 weeks)
MTVRF 0600PM – 0800PM LEVIN, R

11714 005 (3) MAY 20 – JUN 21 (6 weeks)
MTVRF 0600PM – 0800PM SIMS, S

Prerequisite: MATH 131, MATH 141 or MATH 151, or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Not open to mathematical sciences or computer science majors. An exploration of the use of statistics in the world around us through in-depth case studies. Emphasis is on understanding statistical studies, charts, tables and graphs frequently seen in various media sources. Laboratories involve learning activities centered on case studies.
STAT 210 BASIC PRACTICE OF STATISTICS

11758 002 (3) MTWRF 0100PM – 0315PM STAFF

11759 003 (3) MTWRF 0100PM – 0315PM STAFF

COPREREQUISITE REQUIRED

11760 005 (3) MTWRF 0900AM – 1115AM STAFF

11761 006 (3) MTWRF 0900AM – 1115AM STAFF

11762 904 (3) TR 0600PM – 0900PM STAFF

11763 908 (3) TR 0600PM – 0900PM STAFF

Prerequisite: MATH 131, MATH 151 or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. An exception to this policy is made in the case where the stated alternative prerequisite course has been completed at VCU. Designed for students seeking a B.S. degree who will likely take another quantitative reasoning course for which statistics may be a prerequisite. Not open to mathematical sciences or computer science majors. Topics include examining distributions, examining relationships, producing data, sampling distributions and probability, introduction to inference.

STAT 212 CONCEPTS OF STATISTICS

12144 001 (3) MTWRF 0900AM – 1115AM STAFF

Prerequisite: MATH 201 and 211. An introduction to the nature of statistical thinking and the application of abstract systems to the resolution of nonabstract problems. Probability models for stochastic events. Parametric representations. Estimation, testing hypotheses and interval estimation with application to classical models. Laboratories include activity based learning and computer usage. A core course for mathematical sciences.

STAT 492 INDEPENDENT STUDY

11764 003 (3) May 20 – Aug 16 (13 weeks) TBA, STAFF

PERMISSION OF INSTRUCTOR REQUIRED

PERMISSION OF DEPARTMENT REQUIRED

Generally open to students of any junior or senior standing who have acquired at least 12 credits in the departmental discipline. Determination of the amount of credit and permission of instructor and department chair must be procured prior to registration of the course. The student must submit a proposal for investigating some area or problem not contained in the regular curriculum. The results of the student's study will be presented in a report.

STAT 541 APPLIED STATS FOR ENGINES & SCI

11768 901 (3) TR 0400PM – 0640PM OUVP 2079

11769 903 (3) TR 0400PM – 0640PM BUSNS 2118

COPREREQUISITE REQUIRED

Prerequisite: MATH 200-201 or equivalent and CMSC 128 or equivalent. An introduction to applied statistics intended primarily for students in Mathematical Sciences, Engineering and the Commonwealth Graduate Engineering Program. The fundamental ideas of the collection and display of information, descriptive and exploratory data analysis, elementary probability theory, frequency distributions and sampling are covered. Other topics include tests of hypotheses and confidence intervals for one and two sample problems, ANOVA, principles of one-factor experimental designs including randomized complete block designs, fixed and random effects and multiple comparisons, correlation and linear regression analysis, control charts, contingency tables and goodness-of-fit. Students may receive degree credit for only one of STAT 541, STAT 543 or BIOS 553.

STAT 543 STATISTICAL METHODS I

11769 901 (3) MW 0300PM – 0525PM BAUER, D SAME AS BIOS 543

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PERMISSION OF INSTRUCTOR REQUIRED

Prerequisite: Graduate standing, or one course in statistics and permission of instructor. Basic concepts and techniques of statistical methods, including the collection and display of information, data analysis and statistical measures; variation, sampling and sampling distributions; point estimation, confidence intervals and tests of hypotheses for one and two sample problems; principles of one-factor experimental design, one-way analysis of variance and multiple comparisons; correlation and simple linear regression analysis; contingency tables and goodness-of-fit. Students may not receive degree credit for both STAT 541 and STAT 543. STAT 543 is not applicable toward the M.S. degree in mathematical sciences or the M.S. degree in computer science.

STAT 608 STAT FOR SOCIAL RESEARCH

11770 901 (3) R 0400PM – 0640PM HENRY, N SAME AS SOCY 608

11770 002 (3) T 0400PM – 0640PM TEMPL 2221

Prerequisites: STAT/SCOR 508, SOCY 214, or permission of instructor. Statistical methods applied in social research. Topics include analysis of variance, correlation and regression, including stepwise methods, and the analysis of discrete data. Study of a statistical package, emphasizing manipulation of survey data sets. Not applicable toward M.S. degree in mathematical sciences or the M.S. degree in computer science.

STAT 698 THESIS

11771 901 (1) May 20 – Aug 16 (13 weeks) TBA, STAFF

11772 903 (3) May 20 – Aug 16 (13 weeks) TBA, STAFF

Prerequisite: Graduate standing. Independent research culminating in the writing of the required thesis as described in the Graduate and Professional Programs Bulletin. Grade of "S," "U" or "F" may be assigned in this course.
School of Allied Health Professions

Please note: All classes in the School of Allied Health Professions will meet on the MCV Campus.

Gerontology

GRTY 410 INTRODUCTION TO GERONTOLOGY
12004 901 (3) MWF 0900PM – 0940 PM WATSON, K
A survey of the field of aging with attention to physical, psychological, social, economic and cultural ramifications of age.

GRTY 607 FIELD STUDY IN GERONTOLOGY
10721 001 (3) TBA STAFF
Systematic exploration and study in the field of an actual problem, issue or task germane to the student’s gerontology concentration. Application of specific concepts and approaches to assessment analysis. Arranged in consultation with the student’s program adviser.

GRTY 642 PRACTICUM IN CLIN GEROPSYCHOCLOGHY
10583 001 (3) TBA
An initial practicum geared as an entry to the team practicum experience: focus on familiarizing the student with mental health service delivery systems for the elderly in the Richmond community; rotation through a limited number of facilities such as nursing homes, retirement centers, nutrition sites, emergency hotline services for the elderly, and various agencies involved in deinstitutionalization; possible extended placement in a particular facility.

GRTY 691 TOP: MEN HTH CON GER LG TM CARE
12045 901 (3) M 0800PM – 0740 PM WOOD, N COLLETTI, J
GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
Seminars on specialized areas of gerontological interest. Examples of special topic courses taught in previous years: nutrition and aging; psychophysiology and neurobiology of aging; wellness and aging; and pre-retirement planning.

GRTY 692 INDEPENDENT STUDY
10735 901 (3) IV 1-3
10736 802 (V 1-3)
10737 803 (V 1-3)
10738 804 (V 1-3)
10739 805 (V 1-3)
10740 001 (3) TBA PARHAM, I
Directed in-depth independent study of a particular problem or topic in gerontology about which an interest or talent has been demonstrated.

GRTY 798 INDEPENDENT STUDIES FOR MSTR/PHD
10741 001 (3) TBA PARHAM, I
Open generally to students of only junior and senior standing who have acquired at least 12 credits in women’s studies courses. Determination of the amount of credit and permission of the instructor and coordinator must be obtained prior to registration for the course.

Abilities, needs, and preferences of persons with disabilities

Rehabilitation Counseling

RHAB 502 HISTORY TECH MANUAL COMM
11648 901 (3) TBA 0400PM – 0640PM MCGRE 00200
PERMISSION OF INSTRUCTOR REQUIRED
GRADUATE STUDENTS ONLY
A study of the basic principles of manual communication through nonverbal techniques, eye contact training, finger spelling, and basic patterns of American Sign Language Systems. Also a focus on history and development and various methods of communication with deaf persons.

RHAB 611 INDIVIDUAL COUNSELING APPROACH
12012 901 (3) TBA 0400PM – 0640PM MCGRE 00200
CEPERICH, S
GRADUATE STUDENTS ONLY
Orientation institutes and other short-term training programs are offered for rehabilitation counselors newly recruited to the rehabilitation field and for the further professional development of those already employed. Content will vary according to the aims of the institutes or workshops. Length of time and number of credits are announced prior to each institute or workshop.

RHAB 687 INSTITUTE: PSYCHONEUROIMMUNOLOGY
11652 901 (3) MWF 0900PM – 0640 PM ROSECANS, J
GRADUATE STUDENTS ONLY
Orientation institutes and other short-term training programs are offered for rehabilitation counselors newly recruited to the rehabilitation field and for the further professional development of those already employed. Content will vary according to the aims of the institutes or workshops. Length of time and number of credits are announced prior to each institute or workshop.

RHAB 691 PRACTICUM IN LIFELONG DISABILITY
11653 901 (3) TR 0400PM – 0640PM MCGRE 00204
WEST, S
ADDITIONAL TIMES TO BE ANNOUNCED
Prerequisites: RHAB 525 and RHAB 611. Requires 100 hours of field experience. Provides a comprehensive overview of significant disabilities and issues relating to productivity, independence and inclusion. Examines issues across the life span such as education, employment, advocacy, housing, transportation, leisure and health care. Focuses on service delivery systems, consumer perspectives and ethics.

RHAB 695 SUVP CLIN PRAC IN SUBSTANC ABUSE
11654 801 (V 2-3) TBA STAFF
GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisites: RHAB 691. Requires completion of Certified Rehabilitation Counselor examination and a total of six credits for degree completion. Emphasizes mastery of setting specific roles and functions of the professional rehabilitation counselor. Stresses ethical decision making in practice. Involves scheduled seminars and meetings with faculty and agency supervisor.

RHAB 696 SUPERVISE CLINICAL PRACT IN Rhab
11656 801 (V 2-3) TBA STAFF
GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisites: RHAB 691. Requires completion of Certified Rehabilitation Counselor examination and a total of six credits for degree completion. Emphasizes mastery of setting specific roles and functions of the professional rehabilitation counselor. Stresses ethical decision making in practice. Involves scheduled seminars and meetings with faculty and agency supervisor.

RHAB 697 SUVP CLIN PRAC IN CONU (LPC)
11657 801 (V 2-3) TBA STAFF
GRADUATE STUDENTS ONLY
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisite: Admission into advanced certificate in professional counseling program. Emphasizes advanced development of counseling skills pursuant to licensure or other post-master’s training needs. Stresses ethical decision making in practice. Involves scheduled seminars and meetings with faculty and agency supervisor.