College of Humanities and Sciences

**Anthropology**

**ANTH 492 INDEPENDENT STUDY**

10542 002 (3) May 22 – Aug 18 (13 wks)

TBA

MOUSER, L

PERMISSION OF INSTRUCTOR REQUIRED

10543 003 (3) May 22 – Aug 18 (13 wks)

TBA

STAFF

PERMISSION OF INSTRUCTOR REQUIRED

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

**Biology**

**BIOL 101 LIFE SCIENCE**

10065 001 (3) Jun 19 – Jul 19 (4.5 wks)

TBA

TEMPL 1169

10066 001 (3) Jun 19 – Aug 9 (9 wks)

TBA

TEMPL 1169

A topical approach to basic biological principles. Topics include molecular aspects of cells, bioenergetics, photosynthesis, cellular respiration, cellular and organismal reproduction, genetics and evolution, and ecology. Not applicable for credit toward the B.S. in biology. Both BIOL 101 and BIOL 109 or 110 may not be offered for degree credit.

**BIOL 101 LIFE SCIENCE LAB**

10061 L01 (1) Jun 19 – Jul 19 (4.5 wks)

MWF 0800AM – 0950AM

LENZ, A

TEMPL 4430

10062 L01 (1) Jun 19 – Jul 19 (4.5 wks)

MWF 0800AM – 0950AM

JONES, G

TEMPL 4430

10063 L01 (1) Jun 19 – Jul 19 (4.5 wks)

MWF 0800AM – 0950AM

ETTINGER, M

TEMPL 4430

10064 L01 (1) Jun 19 – Jul 19 (4.5 wks)

TBA

TEMPL 4430

10065 L51 (1) Jun 20 – Aug 10 (8 wks)

TBA

TEMPL 4430

10066 L51 (1) Jun 20 – Aug 10 (8 wks)

TBA

TEMPL 4430

10067 L51 (1) Jun 20 – Aug 10 (8 wks)

TBA

TEMPL 4430

10068 L51 (1) Jun 20 – Aug 10 (8 wks)

TBA

TEMPL 4430

10069 L51 (1) Jun 20 – Aug 10 (8 wks)

TBA

TEMPL 4430

Pre- or corequisites: BIOL 101. Laboratory exercise correlated with BIOL 101. Not applicable for credit toward the B.S. in biology.

**BIOL 151 INTRO BIOLOGICAL SCIENCE I**

10053 L01 (3) Jun 19 – Jul 19 (4.5 wks)

MWF 1000AM – 1150AM

LENZ, A

LFSCI 0101

10054 L01 (3) Jun 19 – Jul 19 (4.5 wks)

MWF 1000AM – 1150AM

JONES, G

LFSCI 0101

Principles of plant biology including cell biology, physiology, and evolution of plant diversity on Earth. Designed for biology majors. BIOL 151 may be taken after BIOL 152.

**BIOL 151 INTRO BIOLOGICAL SCIENCE I LAB**

10055 L01 (3) Jun 19 – Jul 19 (4.5 wks)

MWF 1000AM – 1150AM

LENZ, A

LFSCI 0101

10056 L01 (3) Jun 19 – Jul 19 (4.5 wks)

MWF 1000AM – 1150AM

JONES, G

LFSCI 0101

Pre- or corequisite: BIOL 151. Laboratory investigation of plant genetics, physiology, and evolution, with an emphasis on formation and testing of hypotheses. Laboratory exercises will elaborate themes discussed in BIOL 151.

**BIOL 152 INTRO BIOLOGICAL SCIENCE II**

10057 L01 (3) Jul 20 – Aug 18 (4.5 wks)

MWF 1000AM – 1150AM

FRITSCH, D

LFSCI 0101

10058 L01 (3) Jul 20 – Aug 18 (4.5 wks)

MWF 1000AM – 1150AM

JENSEN, M

LFSCI 0101

Principles of animal biology including genetics, physiology, and evolution of animal diversity on Earth. Designed for biology majors. BIOL 152 may be taken after BIOL 151.

**BIOL 152 INTRO BIOLOGICAL SCIENCE II LAB**

10059 L01 (3) Jul 20 – Aug 18 (4.5 wks)

MWF 1000AM – 1150AM

FRITSCH, D

LFSCI 0101

10060 L01 (3) Jul 20 – Aug 18 (4.5 wks)

MWF 1000AM – 1150AM

JENSEN, M

LFSCI 0101

Pre- or corequisite: BIOL 152. Laboratory investigation of plant genetics, physiology, and evolution, with an emphasis on formation and testing of hypotheses. Laboratory exercises will elaborate themes discussed in BIOL 152.
A "C" grade or better in BIOL 101, both lecture and lab, is required for enrollment in BIOL 205, 209, and 217, and PHIS 206.

BIOL 205 BASIC HUMAN ANATOMY
10684 001 (2) MTWRF 0800AM – 0920AM LFSICI 0011
May 22 – Jun 16
BATEMAN, I

Prerequisite: BIOL 151, 151L, 152, 152L, or equivalent. Field and laboratory work emphasized to illustrate insect diversification, diagnostic features, habitats, and development patterns. A project is required and some independent work will be necessary.

BIOL 205 HUMAN ANATOMY LAB
10683 002 (2) MTWRF 0830AM – 1000AM LFSCI 0009
May 22 – Jun 16
BATEMAN, I

Prerequisite: BIOL 205. Laboratory stressing human body structure with emphasis on the skeletal-muscular aspects, utilizing human specimens and models as demonstrations. Not applicable for credit toward the B.S. in biology.

BIOL 206 PHYSICAL ANATOMY LAB
10685 001 (1) MTWRF 0800AM – 0920AM LFSICI 0011
May 22 – Jun 16
BATEMAN, I

Prerequisite: BIOL 205/PHIS 206 HUMAN PHYSIOLOGY
10368 001 (3) MTWRF 0800AM – 1150AM SANGR 2-020
MIKULECKY, D

Pre- or corequisite: BIOL 206. Human Physiology. Functioning of the human body with emphasis on experimental procedures. Not applicable to the biology major.

BIOL 209 MEDICAL MICROBIOLOGY
10691 001 (3) MTWRF 0800AM – 0920AM SANGR 2-020
BURNETTE-CURLY

Prerequisite: BIOL 151, 151L, 152, 152L, or equivalent. Permission of the supervising faculty member required for enrollment in any area of biology outside the graduate student thesis area.

BIOL 310 GENETICS
11156 001 (3) MTWRF 0900AM – 1145AM CHINNICKI, J
Jun 19 – Jul 14
HIBBS 0303

Prerequisite: A "C" grade or better in BIOL 218. The basic principles of molecular and applied genetics of plants, animals, and microorganisms.

BIOL 312 INVERTEBRATE ZOOLOGY
10688 001 (3) MTWRF 0900AM – 1215PM MILLS, R
May 22 – Jun 16
LFSICI 0021

Prerequisites: BIOL 151, 151L, 152, 152L, or equivalent. A survey of the invertebrate animals with emphasis on environmental interactions. A weekend trip to a marine environment is required.

BIOL 431 INTRODUCTION TO MARINE BIOLOGY
10393 001 (4) MTWRF 0800AM – 1200PM FINE, M
May 22 – Aug 18 (4.5 wks)
LFSICI 0021

Prerequisites: BIOL 151, 151L, 152, 152L, or equivalent. BIOL 317 and CHEM 102, 102L. An introduction to physical, chemical, and geological oceanography and a more detailed treatment of the organisms and ecological processes involved in the pelagic and benthic environments of the world's oceans and estuaries.

BIOL 455 IMMUNOLOGY
10673 001 (3) MTWRF 0900AM – 1200PM WEBB, S
May 22 – Jun 9 (3 wks)
LFSICI 0015

Prerequisites: BIOL 151, 151L, 152, 152L, and BIOL 310. A comprehensive introduction to the immune system of higher animals, emphasizing the molecular and cellular basis for antibody-mediated immunity.

BIOL 492 INDEPENDENT STUDY
10695 001 (1) MTWRF 0900AM – 1200AM SMOCK, L
May 22 – Aug 18 (13 wks)
LFSICI 0011

Prerequisite: BIOL 151, 151L, 152, 152L, or equivalent. Permission of the supervising faculty member and the department chair must be obtained prior to registration. Open only to juniors and seniors. Projects should include data collection and analysis, learning field and/or laboratory techniques, and/or mastering experimental procedures, all under the direct supervision of a faculty member. A minimum of three hours of supervised activity per week per credit hour is required. A final report must be submitted at the completion of the project. Graded as pass/fail.

BIOL 698 THESIS
10698 001 (1) MTWRF 0900AM – 1200AM SMOCK, L
May 22 – Aug 18 (13 wks)
LFSICI 0011

Prerequisite: BIOL 151, 151L, 152, 152L, or equivalent. Field and laboratory work emphasized to illustrate insect diversification, diagnostic features, habitats, and development patterns. A project is required and some independent work will be necessary.
Independent research by students in areas of systems, environmental, developmental, behavioral, cellular, and molecular biology, and comparative physiology.

Chemistry

In chemistry laboratories each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the office of student accounting.

CHEM 100 INTRODUCTORY CHEMISTRY

Prerequisite: Students must be eligible to take MATH 131 or higher. A course in the elementary principles of chemistry for individuals who do not meet the criteria for enrollment in CHEM 101. Required for all students without a high school chemistry background who need to take CHEM 101-102. These credit may not be used to satisfy any chemistry course requirements in the College of Humanities and Sciences.

CHEM 101 GENERAL CHEMISTRY I

Pre- or corequisite: CHEM 101. Experimental work correlated with CHEM 101. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.

CHEM 102 GENERAL CHEMISTRY II

Prerequisite: CHEM 101-102. Pre-requisite: CHEM 100 or a satisfactory score on the Chemistry Placement Test.

CHEM 101 GENERAL CHEMISTRY LAB I

Pre-requisite: CHEM 101. Experimental work correlated with CHEM 101. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.

CHEM 102 GENERAL CHEMISTRY LAB II

Pre-requisite: CHEM 100 or a satisfactory score on the Chemistry Placement Test. Pre-requisite: MATH 151. Fundamental principles and theories of chemistry, including qualitative analysis.

CHEM 110 CHEMISTRY & SOCIETY

The basic principles of chemistry are presented through the use of decision-making activities related to real-world societal issues. Not applicable for credit toward the B.S. degree in chemistry.

CHEM 110 CHEMISTRY & SOCIETY LAB

Pre- or corequisite: CHEM 110. Experimental work correlated with CHEM 110. Not applicable for credit toward the B.S. degree in chemistry. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.

CHEM 301 ORGANIC CHEMISTRY I

A comprehensive survey of aliphatic and aromatic compounds with emphasis on their structure, properties, reactions, reaction mechanisms, and stereochemistry.

CHEM 302 ORGANIC CHEMISTRY II

A comprehensive survey of aliphatic and aromatic compounds with emphasis on their structure, properties, reactions, reaction mechanisms, and stereochemistry.

CHEM 303 ORGANIC CHEMISTRY LAB I

CHEM 301 ORGANIC CHEMISTRY LAB II

Pre-requisite: CHEM 101, 101L, and 302L. Pre- or corequisite: CHEM 301. Experimental work correlated with CHEM 301. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.

CHEM 302 ORGANIC CHEMISTRY LAB II

Pre-requisite: CHEM 101, 101L, 302L, and 303L. Pre-requisite or corequisite: CHEM 302. Experimental work correlated with CHEM 302. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.

CHEM 303 PHYSICAL CHEMISTRY I

Prerequisites: CHEM 101, 102, 101L, 102L, PHYS 201-202 or 207, 208B, and MATH 200-201. Ideal and nonideal gases, thermodynamics, free energy, and chemical equilibrium.

CHEM 304 PHYSICAL CHEMISTRY II


CHEM 304 PHYSICAL CHEMISTRY LAB II

Pre-requisite: CHEM 101, 102, 101L, 102L, and 309. Corequisite: CHEM 304. Each student is charged for breakage incurred. Approved safety glasses are required. Failure to check out of laboratory, upon withdrawal or for other reasons, will incur a charge, billed from the Student Accounting Department.
Computer Science

CMSC 129 COMPUTER CONCEPTS & APPLICATIONS
10787 001 (1) May 22 – Aug 18 (13 wks)
MTYR 0900AM – 1115AM OLVPH 2084
STAFF

10092 004 (2) Jun 19 – Jul 27 (6 wks)
MTYR 0900AM – 1115AM OLVPH 2084
STAFF

10093 003 (3) Jun 20 – Aug 10 (8 wks)
TR 0800PM – 0940PM TEMPL 2224
STAFF

Introduction to basic hardware and software concepts. Applications of various types of software in psychology, political science, statistics, mass communications and education will be demonstrated and discussed. The recitation will provide instruction in Windows, word processing, spreadsheets, e-mail, library access, data base access and retrieval and the use of the Internet. Can be used to satisfy the College of Humanities and Sciences requirement for computer literacy. Students may not receive degree credit for both CMSC 128 and any of CMSC 150, INFO 160, INFO 161, and INFO 164.

CMSC 128 COMPUTER CONCEPTS & APPLIC LAB
10781 L01 (5) May 22 – Aug 18 (13 wks)
TBA
STAFF

10091 L51 (5) Jun 19 – Aug 9 (8 wks)
TBA
STAFF

Lab times arranged at first meeting. Students also must register for CMSC 128 Computer Concepts and Applications.

CMSC 255 STRUCTURED PROGRAMMING
10095 001 (2) Jun 19 – Jul 27 (6 wks)
MTYR 0900AM – 1115AM OLVPH 2084
STAFF

Prerequisite: 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 in which the stated alternative prerequisite course has been completed at VCU. Students are expected to have fundamental computer skills. Introduction to the concepts and practice of structured programming using Java. Problem solving, top-down design of algorithms, objects basic Java syntax, control structures, functions, and arrays.

Criminal Justice

CRJS 260 CRIMINAL LAW
11885 001 (3) May 22 – Jun 9 (3 wks)
MTYR 0900AM – 1200PM BUSNS 2123
SMITH, M

Deals with the definition and processing of substantive offenses along with the bases of criminal liability, defenses, and complicity. Covers the scope of individual rights under due process, emphasizing arrest, interrogations, search and seizure.

CRJS 305 POLICING THEORIES AND PRACTICE
11705 001 (3) Jul 20 – Jul 27 (6 wks)
MTYR 0900AM – 1115AM OLVPH 2084
STAFF

An overview of the nature and application of law enforcement theory. Examines the theoretical underpinnings of a variety of law enforcement practices, with emphasis on evolving trends.
CRJS 394 FIELD SERVICE IN CRIMINAL JUSTICE

10806 901 (1)  
M 0400PM – 0640PM  
HIBBS 0430  
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

10101 001 (3)  
MTVRF 1030AM – 1220PM  
HIBBS 0406  
GEARY, J

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

CRJS 475 CASE STUDIES CRIMINAL PROCEDURE

10105 001 (3)  
MTVRF 1030AM – 1220PM  
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 SENIOR SEMINAR

12002 001 (2)  
MTVRF 1030AM – 1220PM  
GRANT, P

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 TOP: JUSTICE & HUMAN RIGHTS

10107 001 (2)  
MTVRF 1030AM – 1220PM  
HAGUE, J

In-depth examination of selected administration of justice topics.

CRJS 493 INTERNSHIP

10805 906 (3)  
M 0400PM – 0640PM  
HIBBS 0430  
APPLICATION REQUIRED

Field internship allows the student to relate theory to practice through observation and experience in an approved agency. The internship should be taken near the end of the degree program. Graded as pass/fail.

CRJS 499 SEM IN LEGAL PROCEDURE

10814 901 (1)  
T 0600PM – 0840PM  
HIBBS 0406  
APPLICATION REQUIRED

STAFF

Studies the formal and informal procedures of various criminal justice systems. Advanced study of criminal procedure and the major legal constraints and authorizations placed upon arrest, prosecution, trial, sentencing and appeal.

CRJS 593 INTERNSHIP

10816 903 (2)  
M 0400PM – 0640PM  
HIBBS 0430  
APPLICATION REQUIRED

MAJORS ONLY

Students must apply for this internship a semester in advance. Provides student an opportunity to relate theory to practice through observation and experience in an approved agency. The internship should be taken near the end of the degree program. Graded as pass/fail.

CRJS 793 FORENSIC LAB INTERNSHIP

10818 903 (2)  
M 0400PM – 0640PM  
HIBBS 0430  
APPLICATION REQUIRED

MAJORS ONLY

Students must apply for this internship a semester in advance. An internship in a forensic laboratory where a student conducts replication, validation or other analyses in a specialization area of interest. The product of this experience will be a paper suitable for presentation at a professional conference. This capstone course should be taken near the end of the degree program. Graded as pass/fail.

ENGL 001 FUNDAMENTAL ENGL COMPOSITION

10886 002 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

STAFF

10885 002 (3)  
MTVRF 0800AM – 0940AM  
HIBBS 0429  
GAS STUDENTS ONLY

ENGL 101 COMPOSITION & RHETORIC I

10863 002 (3)  
MTVRF 0800AM – 0940AM  
HIBBS 0430  
APPLICATION REQUIRED

STAFF

10864 003 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10865 004 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10866 005 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10867 006 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10147 007 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

11918 008 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10145 009 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10146 009 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

ENGL 102 COMPOSITION & RHETORIC II

10153 001 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10149 002 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10154 003 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10155 004 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10156 005 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10157 006 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

10158 007 (3)  
MTVRF 0800AM – 0940AM  
STAFF  
GAS STUDENTS ONLY

Economics

See the School of Business for Economics course listings.

English

ENGL 001 FUNDAMENTAL ENGL COMPOSITION
ENGL 291 TOPIC: CONTEMPORARY FICTION
Prerequisite: ENGL 101. An introduction to literature by and/or about women.

ENGL 304 ADVANCED COMPOSITION WI
Prerequisite: ENGL 200. An advanced study of the writing of nonfiction prose, such as reviews, interviews, and opinion columns. Technical and analytic writing. Techniques of rewriting and publishing will also be considered. May not be used to satisfy the literature requirement of the College of Humanities and Sciences.

ENGL 305 CREATIVE WRITING
Poetry
ENGL 3169 001 (3) Jun 19 – Jul 27 (6 wks) ANDRS 0101

Fiction
ENGL 3176 002 (3) Jun 19 – Jul 27 (6 wks) HIBBS 0726

DE, HAVE

ENGL 327 BUS & TECH REPORT WRITING WI
SAME AS MGMT-327

Writing intensive course

ENGL 328 GRAPHIC NOVEL
SAME AS WMNS-384

Same as WMNS-384

ENGL 335 THE GLORIES OF ENGLISH RENAISS
SAME AS AFAM-363

SAME AS TRAD-311

SAME AS TRAD-311

SAME AS ARTS-383

SAME AS ARTS-383

ENGL 336 AFRICAN LITERATURE
SAME AS WMNS-384

SAME AS WMNS-384

ENGL 340 ADVANCED COMPOSITION WI
Prerequisite: ENGL 200. An advanced study of the writing of nonfiction prose, such as reviews, interviews, and opinion columns. Technical and analytic writing. Techniques of rewriting and publishing will also be considered. May not be used to satisfy the literature requirement of the College of Humanities and Sciences.

ENGL 351 CHILDREN'S LITERATURE I
Prerequisite: Three credits in 200-level literature courses (or equivalent). Designed 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 literature requirement of the College of Humanities and Sciences.

ENGL 352 CHILDREN'S LITERATURE II
Prerequisite: ENGL 200. 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 353 THE GLORES OF ENGLISH RENAISS
SAME AS ARTS-383

SAME AS ARTS-383

ENGL 354 ADVANCED COMPOSITION WI
Prerequisite: ENGL 200. An advanced study of the writing of nonfiction prose, such as reviews, interviews, and opinion columns. Technical and analytic writing. Techniques of rewriting and publishing will also be considered. May not be used to satisfy the literature requirement of the College of Humanities and Sciences.

ENGL 355 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 356 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 357 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 358 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 359 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 360 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 361 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 362 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 363 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 364 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 365 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 366 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 367 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 368 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 369 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 370 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 371 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 372 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 373 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 374 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 375 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 376 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 377 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 378 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 379 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 380 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 381 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 382 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 383 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 384 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 385 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 386 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 387 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 388 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 389 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 390 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 391 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 392 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 393 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 394 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 395 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 396 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 397 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 398 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 399 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 400 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE

ENGL 401 WRITING INTENSIVE COURSE
SAME AS MGMT-327

WRITING INTENSIVE COURSE
ENGL 400 SHAKESPEARE: THE EARLY WORKS  
10879 903  (3) May 22 – Aug 18 (13 wks)  
TBA  
INGRASSIA, C  
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.

ENGL 694 INTERNSHIP IN WRITING  
10880 001  (3) May 22 – Aug 18 (13 wks)  
TBA  
DONOVAN, G  
Permission of director of M.A. program required. Analyses and practices of professional writing in settings such as business, government and industry.

ENGL 798 THESIS  
10881 001  (1) May 22 – Aug 18 (13 wks)  
TBA  
DONOVAN, G  
PERMISSION OF DEPARTMENT REQUIRED  
10882 002  (2) May 22 – Aug 18 (13 wks)  
TBA  
DONOVAN, G  
PERMISSION OF DEPARTMENT REQUIRED  
10883 003  (3) May 22 – Aug 18 (13 wks)  
TBA  
DONOVAN, G  
PERMISSION OF DEPARTMENT REQUIRED  
10884 903  (3) May 22 – Aug 18 (13 wks)  
TBA  
INGRASSIA, C  
ENGL 798-799. Preparation of a thesis or project based on independent research or study and supervised by a graduate advisor.

Environmental Studies

ENVS 105 PHYSICAL GEOLOGY  
12009 901  (3) May 22 – Jun 22 (5 wks)  
MTWRF 0900AM – 0940PM  
BUSNS 1129  
WALZ, D  
SAME AS GEOG-105  
A descriptive approach to physical geology 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 PHYS/ENVS 105L.

ENVS 491 TOPIC: INTRO TO FOSSILS  
12004 001  (1) Jun 19 – Jun 23  
MTWRF 0100PM – 0340PM  
BUSNS 2107  
WALZ, D  
SAME AS GEOG-391  
Prerequisites vary by topic. An in-depth study of a selected environmental topic.

ENVS 492 INDEPENDENT STUDY  
10924 001  (3) May 22 – Aug 18 (13 wks)  
TBA  
GARMAN, G  
10925 003  (3) May 22 – Aug 18 (13 wks)  
TBA  
GARMAN, G  
Open generally to juniors or seniors who have declared environmental studies as a minor. Determination of the amount of credit and permission of instructor must be procured prior to registration for the course.

ENVS 493 ENVS INTERNSHIP  
10926 001  (1) May 22 – Aug 18 (13 wks)  
TBA  
LACATELL, A  
PERMISSION OF INSTRUCTOR REQUIRED  
10927 002  (2) May 22 – Aug 18 (13 wks)  
TBA  
LACATELL, A  
PERMISSION OF INSTRUCTOR REQUIRED  
10928 003  (3) May 22 – Aug 18 (13 wks)  
TBA  
LACATELL, A  
PERMISSION OF DEPARTMENT REQUIRED  
Open to students of senior standing who have had some background in environmental studies. Students receive credit for work on environmental projects with approved agencies. Participation requires the approval of both a faculty member and an agency. Graded as pass/fail.

ENVS 591 TOPICS  
PHYSIOGEOLOGY  
11889 901  (3) May 22 – Aug 18 (13 wks)  
MT 0500PM – 0800PM  
LFSCI 0207  
PIGGOT, J  
POLLUTION PHYSIOLOGY  
11900 902  (3) May 22 – Aug 18 (13 wks)  
R 0500PM – 0800PM  
LFSCI 0207  
DEFLRI, P  
An in-depth study of a selected environmental topic.

ENVS 692 INDEPENDENT STUDY  
10932 001  (1) May 22 – Aug 18 (13 wks)  
TBA  
GARMAN, G  
10933 002  (2) May 22 – Aug 18 (13 wks)  
TBA  
GARMAN, G  
10934 003  (3) May 22 – Aug 18 (13 wks)  
TBA  
GARMAN, G  
An in-depth study of a selected environmental topic.
ENVS 693 INTERNSHIP IN ENVS
10935 001 (1) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

10936 002 (2) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

10937 003 (3) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

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, James River Association, Virginia Power, James River Corporation.

ENVS 696 THESIS
10938 001 (1) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

10939 002 (2) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

10940 003 (3) May 22 – Aug 18 (13 wks)
TBA
GARMAN, G

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

European Cultures

ECUC 311 CLASSICAL MYTHOLOGY
11851 001 (3) May 22 – Jun 9 (3 wks)
MTWRF 0800AM – 1200PM OLVED 2122
CRIDMEY, R

The basic myths of the Greek and Roman heritage. Their impact in culture then and now, from the origins of Greek myth to the superstitions of the late Roman and early Christian world.

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 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 Study Abroad. Additional fees apply. Call the department for more information, 828-2200. Also see Page 60.

FREN 101 ELEMENTARY FRENCH
10921 001 (4) May 22 – Jun 24
MTWRF 0800AM – 1200PM BUSNS 2136
STAFF

FREN 101-102. Elementary grammar, reading, and oral drill.

FREN 102 ELEMENTARY FRENCH
10201 001 (4) Jun 26 – Jul 28
MTWRF 0800AM – 1200PM BUSNS 1192
OVERVOLD, A

10202 002 (4) Jun 26 – Jul 28
MTWRF 0800AM – 1200PM BUSNS 1192
HORCHLER, A

FREN 101-102. Elementary grammar, reading, and oral drill.

FREN 201 INTERMEDIATE FRENCH
10203 001 (6) May 22 – Jun 25
MTWRF 1040AM – 1200PM BUSNS 1197
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
10205 001 (3) Jun 26 – Jul 28
MTWRF 1040AM – 1200PM BUSNS 1197
OVERVOLD, A

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 491 TOPICS: FR PHONETICS, PHONOLOGY
10962 001 (3) May 22 – Jun 9 (3 wks)
MTWRF 0800AM – 1200PM BUSNS 2101
MURPHY-JUDY, K

An in-depth study of selected topics in French.

French Study Abroad (June 5-July 28) will offer language instruction on site in Canada. Please contact the department for further information. Also see Page 60.

Foreign Languages

FRLG 490 FOREIGN LANGUAGES INTERNSHIP
10961 001 (1) May 22 – Aug 18 (13 wks)
TBA
SIMS, R

10962 002 (2) May 22 – Aug 18 (13 wks)
TBA
SIMS, R

10963 003 (3) May 22 – Aug 18 (13 wks)
TBA
SIMS, R

Prerequisites: Prior completion of nine credits in a foreign language at the 300 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 300-level courses are not available may be handled on a case by case basis in the screening process. All students will be screened before acceptance.

FRLG 591 TOPIC: FRENCH FOR TEACHERS
10960 C90 (3) Jun 26 – Jul 7
TBA
MURPHY-JUDY, K

MCLEES, A

A detailed study of selected topics in one or more of the foreign language or comparative courses offered by the department.

Geography

GEOG 105 PHYSICAL GEOLOGY
10206 001 (3) May 22 – Jun 22 (5 wks)
MTWRF 0800AM – 1200PM BUSNS 1129
WALZ, D
SAME AS ENVS-105

A descriptive approach to physical geology 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 PHYS/ENVS 105L.

GEOG 203 PHYSICAL GEOGRAPHY
10207 001 (3) May 22 – Jun 22 (5 wks)
MTWRF 0800AM – 1200PM BUSNS 2101
OVERVOLD, A

GEOG 203-204. Analysis of the interrelated systems of the earth. First semester: the earth in space, atmosphere, climate, natural vegetation, soils. Second semester: landforms, hydrology, oceanography. Physical Geography Laboratories 203L, 204L are optional.

GEOG 204 PHYSICAL GEOGRAPHY
10207 002 (3) Jun 26 – Jul 27 (6 wks)
MTWRF 0800AM – 1200PM BUSNS 3038
READY, K

GEOG 203-204. Analysis of the interrelated systems of the earth. First semester: the earth in space, atmosphere, climate, natural vegetation, soils. Second semester: landforms, hydrology, oceanography. Physical Geography Laboratories 203L, 204L are optional.

GEOG 391 TOPICS
11804 001 (1) Jun 19 – Jun 23
MTWRF 0800AM – 1200PM BUSNS 1192
STAFF
SAME AS ENVS-491

GEOG 391 TOPICS
11804 001 (1) Jun 19 – Jun 23
MTWRF 0800AM – 1200PM BUSNS 1192
STAFF
SAME AS ENVS-491

GEOG 492 INDEPENDENT STUDY
11843 001 (1) May 22 – Aug 18 (13 wks)
TBA
RUGG, R

PERMISSION OF INSTRUCTOR REQUIRED

10961 002 (2) May 22 – Aug 18 (13 wks)
TBA
RUGG, R

PERMISSION OF INSTRUCTOR REQUIRED

10962 003 (3) May 22 – Aug 18 (13 wks)
TBA
RUGG, R

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 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 Study Abroad. Additional fees apply. Call the department for more information, 828-2200. Also see Page 60.

GRMN 101 ELEMENTARY GERMAN
10208 001 (4)
MTWRF 0800AM – 1025AM
BUSNS 1109
GRMN 101-102: Elementary grammar, reading, and oral drill.

GRMN 102 ELEMENTARY GERMAN
10209 001 (5)
MTWRF 0800AM – 1025AM
BUSNS 2136
GRMN 101-102: Elementary grammar, reading, and oral drill.

GRMN 201 INTERMEDIATE GERMAN
11928 001 (3)
MTWRF 0800AM – 1025AM
BUSNS 1109
Continuation of the essentials of grammar with emphasis on achieving proficiency in aural comprehension, speaking, reading, and writing skills.

GRMN 202 INTERMEDIATE GERMAN READINGS
11914 001 (3)
MTWRF 0800AM – 1025AM
BUSNS 1109
Prerequisite: GRMN 201 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.

History

HIST 101 SURVEY OF EUROPEAN HISTORY
10211 001 (3)
MTWRF 0800AM – 1200PM
BUSNS 2117
TALBERT, 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 century to the present.

HIST 102 SURVEY OF EUROPEAN HISTORY
10213 001 (3)
MTWRF 0800AM – 1200PM
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: 16th century. Second semester: 16th century to the present.

HIST 103 SURVEY OF AMERICAN HISTORY
10214 001 (3)
MTWRF 0800AM – 1200PM
BRICELAND, A

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 Reconstruction. Second semester: Reconstruction. Second semester: Reconstruction to the present.

HIST 104 SURVEY OF AMERICAN HISTORY
10216 001 (3)
MTWRF 0800AM – 1200PM
BELL, M

HIST 103, 104. 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 the present.

HIST 304 ROMAN CIVILIZATION
10218 001 (3)
MTWRF 0800AM – 1100AM
CROWEY, J

A study of Roman history as it derived from Roman cultural institutions, from the Etruscan period through the conflict of the pagan and Christian worlds and advent of the barbarians, 753 B.C.-A.D. 454.

HIST 331 NAZI GERMANY
10219 001 (3)
MTWRF 0800AM – 1200PM
BENDER, J

The origin and nature of Hitler’s Third Reich. A study of the failure of the Weimar Republic; genesis of the Nazi racial ideology and party structure; the Nazi political, social, and cultural order after the seizure of power; Nazi foreign policy leading to war and genocide; and an analysis of the personality of Hitler.

HIST 332 HISTORY IN FILM
NADIS
15225 001 (3)
TR 0600PM – 0840PM
TUNNELL, J

Using original German films from the period (with English subtitles), this course will examine German social history before, during and after Hitler’s dictatorship. Emphasis will be placed on film as a mirror of society, as well as a means of promoting social and political causes. Of special importance is how Germans today confront the Nazi past in film.

HIST 342 COLONIAL AMERICA, 1585-1763
11911 001 (3)
MTWRF 0800AM – 0910AM
HIBBS 0317
BELL, M

An examination of the development of the 13 original colonies, the establishment and growth of society, politics, and the economy; and modification in the relationship between the provinces and Great Britain.

HIST 345 CIVIL WAR & RECONSTRUCTION
10222 001 (3)
MTWRF 0800AM – 1210PM
TUNNELL, T

A study of the major events, forces, personalities, and significance of the Civil War and Reconstruction era.

HIST 383 ANCIENT EGYPT
11910 001 (3)
MTWRF 0800AM – 0910AM
HIBBS 0307
TERRELL, R

A general survey of the history and culture of ancient Egypt from the Predynastic period through the age of the New Kingdom. In addition to the historical reconstruction, emphasis is placed on the art, literature, and religion of each of the major periods.

HIST 492 INDEPENDENT STUDY
10991 002 (2)
MTWRF 0800AM – 1200PM
KENNEDY, S

PERMISSION OF INSTRUCTOR REQUIRED

HIST 493 INDEPENDENT STUDY
10991 003 (3)
MTWRF 0800AM – 1200PM
KENNEDY, S

PERMISSION OF INSTRUCTOR REQUIRED

HIST 494 INDEPENDENT STUDY
10994 002 (2)
MTWRF 0800AM – 1200PM
TUNNELL, T

APPLICATION REQUIRED

HIST 495 INDEPENDENT STUDY
10995 003 (3)
MTWRF 0800AM – 1200PM
TUNNELL, T

APPLICATION REQUIRED

HIST 496 INDEPENDENT STUDY
10996 004 (4)
MTWRF 0800AM – 1200PM
TUNNELL, T

APPLICATION REQUIRED

HIST 497 INDEPENDENT STUDY
10997 005 (1)
MTWRF 0800AM – 1200PM
BENDER, J

APPLICATION REQUIRED
### Humanities and Sciences

#### HUMS 391 SPECIAL TOPICS: PERU
- **11017 C90 (3)** May 22 – Aug 18 (13 wks)
- **TBA**

Specialized topics in the liberal arts and sciences designed to provide an overview of a topic not provided by an existing course or program. May be multidisciplinary.

#### HUMS 591 TOPIC: ARTS IN CONTEMPT BRITAIN
- **11018 C90 (3)** Jul 2 – Aug 6
- **TBA**

Specialized topics in the liberal arts and sciences designed to provide an overview of a topic not provided by an existing course or program. May be repeated with different content. May be multidisciplinary.

### International Studies

#### INTL 105 INTERNATIONAL RELATIONS
- **11987 001 (3)** MTWRF 0900AM – 1245PM GHOSE, S
- **HIBBS 0427**

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.

#### INTL 350 PEOPLE & CULT OF THE WORLD
- **11097 C90 (3)** May 22 – Aug 18 (13 wks)
- **TBA**

#### INTL 491 TOP: CARIBBEAN CULTURE STUDY
- **11098 C90 (3)** Jul 28 – Aug 19
- **TBA**

An in-depth study of a particular topic in international studies.

#### INTL 492 INDEPENDENT STUDY
- **11799 001 (1)** May 22 – Aug 18 (13 wks)
- **TBA**
- **BROWN, R**

May be repeated with different content. May be multidisciplinary. Grade option: Pass/fail or normal letter grading.

#### INTL 493 INTERNATIONAL STUDIES INTERNSHIP
- **11102 003 (3)** May 22 – Aug 18 (13 wks)
- **TBA**
- **BROWN, R**

Prerequisites: Junior or senior standing. Approval of selection committee or program director required. The internship is designed to present opportunities for qualified students to acquire exposure to internationally-oriented public and private organizations and agencies. The course includes a rigorous evaluation of the internship experience, based on learning objectives stipulated in a contract between the student, faculty adviser, and a field supervisor.

### Italian

#### Italian Study Abroad (July 1-31) will offer language instruction at all levels on site in Italy. Please contact the department (828-2200) for further information.

### Linguistics

#### LING 450 MODERN GRAMMAR
- **11916 E 001 (3)** Jul 31 – Aug 18 (3 wks)
- **MTWRF 0900AM – 1150AM KUHL, E**
- **HIBBS 0427**

Study of modern English grammar and usage with some attention to linguistic theory. Recommended for teachers at all levels. May be repeated with different content. May be multidisciplinary.

#### INTL 101 ELEMENTARY ITALIAN
- **11256 001 (4)** MTWRF 0800AM – 1025AM MASULLO, A
- **HIBBS 0405**

#### INTL 102 ELEMENTARY ITALIAN
- **11257 001 (3)** Jun 26 – Jul 28
- **MTWRF 0800AM – 1025AM CORUBOLO, C**

#### INTL 101-102. Elementary grammar, reading, and oral drill.

#### INTL 101-102. Elementary grammar, reading, and oral drill.

### Mass Communications

#### MASC 101 MASS COMMUNICATIONS
- **11268 001 (3)** MTWRF 0900AM – 1200PM CAMPBELL, J
- **TEMPL 2233**

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. Emphasis is given to mass media law and ethics, including the origins and development of a free press and the legal framework of contemporary mass media practice.

#### MASC 203 NEWSPUBLISHING WI
- **10265 002 (3)** Jun 19 – Jul 27
- **TEMPL 1150**

#### MASC 203 NEWSPUBLISHING WI
- **10266 002 (3)**
- **TEMPL 2222**

Prerequisites: ENG 101, sophomore standing, typewriting proficiency of 35 words per minute and successful completion of a language skills test. Students must obtain permission to register for 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.
MASC 695 FIELDWORK/INTERNSHIP
Prerequisite: MASC 101 or permission of school. Examination and analysis of contemporary issues and problems in conventional and new media. The philosophical foundation and principles of ethical decision making are explored. Critical and unresolved issues are discussed within the legal and ethical framework of modern mass media practice. Students are required to design and justify resolutions to the issues and present defenses for the resolution proposals.

MASC 300 MEDIA GRAPHICS
Prerequisites: MASC 101 and MASC 203. For mass communications majors only. A course on the functions of visual and graphic communication in the print and electronic media. Course focuses on creative typographic and layout design, editing, pictures, and nonverbal elements of communications and perception, and integrates computer software packages such as PageMaker, Quark and others.

MASC 390 INTRODUCTION TO ADVERTISING
Prerequisites: MASC 101 and MASC 203. For mass communications majors only. An overview of the advertising industry. A practitioner-oriented approach to the creation, preparation, and evaluation of advertising. The course views the subject from an advertising management perspective.

MASC 492 INDEPENDENT STUDY
Prerequisites: MASC 101 and MASC 203. Open generally only to students of junior and senior standing who have acquired at least 12 credits of mass communications. To register, a student must write a proposal and have it approved by the student’s adviser, supervising instructor and school director or assistant director. For mass communications majors only. The course is designed for students who wish to study subject matter not offered elsewhere in the mass communications’ curriculum.

MASC 493 FIELDWORK
Prerequisites: MASC 101 and MASC 203. Permission of faculty member and of internship coordinator. For mass communications majors only. Selected students will receive on-the-job training under the supervision of an instructor and the employer. Internships are available in newspapers, magazines, public relations, advertising, radio, and television.

MASC 695 FIELDWORK/INTERNSHIP
Prerequisite: Permission of instructor and director of graduate studies.

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.

MATH 001 ELEMENTARY ALGEBRA
Please note: All MATH 001 and MATH 141 sections are offered in the self-paced laboratory format.
MATH 131 INTRO TO CONTEMPORARY MATH
10265 001 (3) May 22 – Jun 19 (4.5 wks)
MWF 0900AM – 1000AM OLIVH 2079
STAFF
SELF-PACED CLASS
OPEN ONLY TO STUDENTS HAVING A CD FROM SPRING SEMESTER

MATH 141 ALGEBRA WITH APPLICATIONS
11135 001 (3) May 22 – Jun 15
MTWR 0800AM – 0900AM OLIVH 3013
STAFF
SELF-PACED CLASS
OPEN ONLY TO STUDENTS HAVING A CD FROM SPRING SEMESTER

MATH 201 CALCULUS ANALYTIC GEOMETRY II
10278 001 (4) May 22 – Jul 19 (4.5 wks)
MTWR 0800AM – 0950AM OLIVH 3013
STAFF
GRAPHING CALCULATOR REQUIRED

MATH 211 MATHEMATICAL STRUCTURES
11155 001 (3) May 22 – Jun 16
MTWR 0900AM – 1100AM HIBBS 4031
STAFF

Prerequisite: MATH 151 or satisfactory score on the VCU Mathematics Placement Test within the one-year period immediately preceding the beginning of the course. Exceptions to this policy may be made in the case in which the stated alternative prerequisite course has been completed at VCU. Topics include selected topics in analytic geometry, infinite series, differentials, antiderivatives, and definite integrals. Applications of differentiation and integration. Selected topics in analytic geometry. Infinite series.

MATH 212 CALCULUS II
10279 002 (4) Jun 19 – Aug 9 (8 wks)
MTWR 0900AM – 1100AM OLIVH 3013
STAFF
GRAPHING CALCULATOR REQUIRED

Prerequisite: MATH 201. Topics include selected topics in analytic geometry, infinite series, differentials, antiderivatives, and definite integrals. Applications of differentiation and integration. Selected topics in analytic geometry. Infinite series.

MATH 230 PROBABILITY AND STATISTICS
11124 002 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: 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 in which the stated alternative prerequisite course has been completed at VCU. Topics include probability, random variables, probability distributions, statistical inference, and applications. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 240 DISCRETE MATHEMATICS
11125 002 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: 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 in which the stated alternative prerequisite course has been completed at VCU. Topics include discrete mathematics, logic, set theory, graphs, trees, and applications. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 250 MATRIX ALGEBRA
11110 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: 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 in which the stated alternative prerequisite course has been completed at VCU. Topics include determinants, matrices, systems of linear equations, vector spaces, and applications. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 251 LINEAR ALGEBRA
11111 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include vector spaces, subspaces, bases, determinants, matrices, and linear transformations. Applications include systems of linear equations, linear independence, orthonormal bases, and linear programming. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 252 HONORS LINEAR ALGEBRA
11112 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include vector spaces, subspaces, bases, determinants, matrices, and linear transformations. Applications include systems of linear equations, linear independence, orthonormal bases, and linear programming. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 253 VECTOR ANALYSIS
11113 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include vector calculus, line integrals, surface integrals, and Green's, Stokes', and Divergence Theorems. Applications include electromagnetism, fluid dynamics, and differential geometry. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 254 DIFFERENTIAL EQUATIONS
11114 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include first-order differential equations, second-order linear differential equations, systems of linear differential equations, and applications.

MATH 255 MULTIVARIABLE CALCULUS
11115 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include vector-valued functions, partial derivatives, multiple integrals, vector fields, line integrals, and applications. Credit for no more than one course may be earned from among MATH 101, MATH 111, MATH 141, and MATH 151.

MATH 256 NUMERICAL ANALYSIS
11116 001 (3) May 22 – Jun 14
MTWR 0900AM – 1050AM OLIVH 3013
STAFF

Prerequisite: MATH 151. Topics include numerical solutions of nonlinear equations, interpolation, numerical differentiation and integration, and numerical solutions of differential equations.
Public Administration

PADM 601 PRINCIPLES PUBLIC ADMINISTRATION
11883 001 (3) May 22 – Jul 24 (12 wks)
MTWRF 0900AM – 1200PM
SCHER 2079
APPERSON, B

Prerequisite: Permission of instructor. A philosophical investigation of the main concepts and theories of ethics and their application to fundamental moral questions, such as justice and freedom in society.

PADM 602 ADMINISTRATIVE LAW
11877 001 (3) May 26 – Aug 9 (12 wks)
MTWRF 0900AM – 1200PM
SCHER 2079
FOX, J

The course considers the administrative processes from the perspectives of rule making and decision making within the framework of public agencies. It will examine the development of the law, the use and control over administrative discretion, and administrative control over the administrative process, and remedies for improper administrative acts.

PADM 652 COMPARATIVE PUB ADMIN
11415 001 (3) Jun 30 – Aug 5
S 0900AM – 0900PM
F 0900AM – 0900PM
MTWRF TBA
ALMANSI, A

Examines political and economic institutions and concepts as they affect and are affected by the practice of public administration. Topics include microeconomics and the public sector; the interrelationship between the private and public sectors; macroeconomics concepts and related institutions.

MATH 310 LINEAR ALGEBRA
10281 001 (2) Jun 19 – Jul 19 (4.5 wks)
MTWRF 1000AM – 1200PM
OLPH 2079

Prerequisite: MATH 200 and (MATH 211 or 201). Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, quadratic forms, orthogonal reduction to diagonal form, eigenvalues, and geometric applications.

MATH 492 INDEPENDENT STUDY
11157 001 (1) May 22 – Aug 18 (13 wks)
MTWRF 0900AM – 1100PM
TBA
STAFF

11158 002 (2) May 22 – Aug 18 (13 wks)
STAFF

11159 003 (3) May 22 – Aug 18 (13 wks)
STAFF

Generally open only to students of 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 for 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.

MATH 403 MATH SCIENCES INTERNSHIP
11801 001 (3) May 22 – Aug 18 (13 wks)
MTWRF 0900AM – 1100PM
TBA
STAFF

Mathematical sciences majors only with junior or senior standing. Admission by permission from the department chair. Through placement in a position in business, industry, government, or the university, the student will serve as an intern in order to obtain a broader knowledge of the mathematical sciences and their applications.

MATH 407 DIRECTED RESEARCH
11852 001 (1) May 22 – Aug 18 (13 wks)
MTWRF 0900AM – 1100PM
TBA
STAFF

11853 002 (2) May 22 – Aug 18 (13 wks)
STAFF

11854 003 (3) May 22 – Aug 18 (13 wks)
STAFF

Prerequisite: Graduate standing. Supervised individual research and study in an area not covered in the present curriculum or in one which significantly extends present coverage. Research culminates with an oral presentation and submission of a written version of this presentation to the supervising faculty member.

MATH 498 THESIS
11166 001 (1) May 22 – Aug 18 (13 wks)
MTWRF 0900AM – 1100PM
TBA
STAFF

11167 002 (2) May 22 – Aug 18 (13 wks)
STAFF

11168 003 (3) May 22 – Aug 18 (13 wks)
STAFF

Prerequisite: Graduate standing. Independent research culminating in the writing of the required thesis as described in this bulletin. Grade of "S", "U", or "F" may be assigned in this course.

Military Science

MILS 101 Basic Military Science
12067 001 (3) May 22 – Jun 22
MTWRF 0900AM – 1100PM
TBA
CUTHERB, T

Study of the United States Defense Department and the organization and structure of the Army.

Public Administration

PADM 603 POLITICAL & ECONOMICS
11411 001 (3) May 20 – Aug 13
MTWRF 0900AM – 1200PM
SCHER 2079
FARMER, M

Examination of the role of government in political and economic systems and the effects of government policies on the political and economic outcomes.

PADM 690 READING SEMINAR
11416 001 (3) May 22 – Aug 18 (13 wks)
MTWRF 0900AM – 1100PM
TBA
STAFF

Examines political and economic institutions and concepts as they affect and are affected by the practice of public administration. Topics include microeconomics and the public sector; the interrelationship between the private and public sectors; macroeconomics concepts and related institutions.

MATH 493 MATH SCIENCES INTERNSHIP
Mathematical sciences majors only with junior or senior standing. Admission by permission from the department chair. Through placement in a position in business, industry, government, or the university, the student will serve as an intern in order to obtain a broader knowledge of the mathematical sciences and their applications.

MATH 407 DIRECTED RESEARCH
Prerequisite: Graduate standing. Supervised individual research and study in an area not covered in the present curriculum or in one which significantly extends present coverage. Research culminates with an oral presentation and submission of a written version of this presentation to the supervising faculty member.

MATH 498 THESIS
Prerequisite: Graduate standing. Independent research culminating in the writing of the required thesis as described in this bulletin. Grade of "S", "U", or "F" may be assigned in this course.

Military Science

MILS 101 Basic Military Science
Study of the United States Defense Department and the organization and structure of the Army.

Public Administration

PADM 601 PRINCIPLES PUBLIC ADMINISTRATION
Prerequisite: Permission of instructor. A philosophical investigation of the main concepts and theories of ethics and their application to fundamental moral questions, such as justice and freedom in society.

PADM 602 ADMINISTRATIVE LAW
Prerequisite: Permission of instructor. A philosophical investigation of the main concepts and theories of ethics and their application to fundamental moral questions, such as justice and freedom in society.

MATH 310 LINEAR ALGEBRA
Prerequisite: MATH 200 and (MATH 211 or 201). Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, quadratic forms, orthogonal reduction to diagonal form, eigenvalues, and geometric applications.

MATH 492 INDEPENDENT STUDY
Generally open only to students of 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 for 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.

MATH 403 MATH SCIENCES INTERNSHIP
Mathematical sciences majors only with junior or senior standing. Admission by permission from the department chair. Through placement in a position in business, industry, government, or the university, the student will serve as an intern in order to obtain a broader knowledge of the mathematical sciences and their applications.

MATH 407 DIRECTED RESEARCH
Prerequisite: Graduate standing. Supervised individual research and study in an area not covered in the present curriculum or in one which significantly extends present coverage. Research culminates with an oral presentation and submission of a written version of this presentation to the supervising faculty member.

MATH 498 THESIS
Prerequisite: Graduate standing. Independent research culminating in the writing of the required thesis as described in this bulletin. Grade of "S", "U", or "F" may be assigned in this course.

Military Science

MILS 101 Basic Military Science
Study of the United States Defense Department and the organization and structure of the Army.

Public Administration

PADM 601 PRINCIPLES PUBLIC ADMINISTRATION
Prerequisite: Permission of instructor. A philosophical investigation of the main concepts and theories of ethics and their application to fundamental moral questions, such as justice and freedom in society.

PADM 602 ADMINISTRATIVE LAW
Prerequisite: Permission of instructor. A philosophical investigation of the main concepts and theories of ethics and their application to fundamental moral questions, such as justice and freedom in society.

MATH 310 LINEAR ALGEBRA
Prerequisite: MATH 200 and (MATH 211 or 201). Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, quadratic forms, orthogonal reduction to diagonal form, eigenvalues, and geometric applications.
PHIL 214 ETHICS & BUSINESS
10359 001 (1) Jun 28 – Jul 27 (5 wks)
MTWR 0800AM – 1015AM
HIBBS 0480
DEAINE, B

Concurrent: ENGIL 200 or equivalent. A philosophical investigation of the main concepts and theories of ethics, with applications to fundamental moral questions as they arise in business. The following issues arise in an axiomatic fashion, investment in unethical companies or countries, product safety, whistle-blowing and advertising.

PHIL 221 CRITICAL THINKING
11499 090 (3) May 22 – Aug 18 (13 wks)
TBA
REDMON, R

An introduction to inductive and deductive reasoning, with emphasis on common errors and fallacies.

PHIL 222 LOGIC
11490 090 (3) May 22 – Aug 18 (13 wks)
TBA
REDMON, R

An evaluation of deductive arguments utilizing the methods of symbolic logic.

PHYS 103 ELEMENTARY ASTRONOMY
10368 001 (4) May 30 – Jul 20 (8 wks)
MTWR 1100AM – 1220PM
AGLAN, D

A descriptive approach to astronomy dealing with basic features of our solar system, our galaxy, and the universe. Not applicable toward physics major requirements. An optional laboratory may be taken with this course. See PHYS 103D.

PHYS 107 WONDERS OF TECHNOLOGY
10369 001 (4) May 22 – Jun 22 (5 wks)
MTWR 0900AM – 1200PM
NICULESCU, V

Introduction to physics concepts involved in everyday technological applications. The course covers selected topics in mechanics, heat, optics, electricity, and magnetism, and modern physics by depicting their role in common devices. The laboratory focuses on applications of physics principles to everyday real-life situations. Not applicable toward the physics major.

PHYS 201 GENERAL PHYSICS I
10374 001 (4) Jun 19 – Jul 19 (4.5 wks)
MTWR 0900AM – 1200PM
CLAYTON, M


PHYS 201 GENERAL PHYSICS LAB I
10372 001 (4) Jun 19 – Jul 19 (4.5 wks)
MTWR 0900AM – 1200PM
STAFF


PHYS 202 GENERAL PHYSICS II
10375 001 (4) Jul 20 – Aug 18 (4.5 wks)
MTWR 1000AM – 1220PM
CLAYTON, M


PHYS 202 GENERAL PHYSICS LAB II
10377 001 (4) Jul 20 – Aug 18 (4.5 wks)
MTWR 0900AM – 1200PM
STAFF


PHYS 397 DIRECTED STUDY
11522 002 (4) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

Open to nonmajors. Determination of amount of credit and permission of instructor must be obtained before registration for 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
11527 001 (1) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

PHYS 697 DIRECTED RESEARCH
11531 001 (1) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

PHYS 697 DIRECTED RESEARCH
11532 002 (2) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

PHYS 697 DIRECTED RESEARCH
11533 004 (4) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

PHYS 697 DIRECTED RESEARCH
11534 005 (5) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

PHYS 697 DIRECTED RESEARCH
11535 006 (6) May 22 – Aug 18 (13 wks)
TBA
GOVYD, R

Prequisites: At least one graduate-level physics course and permission of instructor. Research leading to the M.S. degree.

Political Science

POLI 103 U.S. GOVERNMENT
10362 001 (3) May 22 – Jun 22 (5 wks)
MTWR 0900AM – 1200PM
MUSTAPA, H

Self-paced class. COURSE TAUGHT ON WEB.

POLI 105 INTERNATIONAL RELATIONS
11916 001 (3) Jun 20 – Aug 10 (8 wks)
MTWR 0900AM – 1220PM
BANKS, M

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 201 INTRODUCTION TO POLITICS
11917 001 (3) May 31 – Jul 19 (6 wks)
MW 0600PM – 0840PM
TARJOL, S

Self-paced class. COURSE TAUGHT ON WEB.

POLI 205 INTRO SOCIAL SCIENCE COMPUTING
12035 001 (3) May 31 – Jul 19 (6 wks)
MW 0600PM – 0840PM
HIBBS 0260

Self-paced class. COURSE TAUGHT ON WEB.

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
10368 001 (3) May 22 – Jun 9 (3 wks)
MTWR 0900AM – 1200PM
MUSTAPA, H

A survey of the development of the Constitution through judicial interpretation. Topics to be covered include an introduction to the operation of the Supreme Court, decisions on federalism, the powers of Congress, the president, and the judiciary and civil rights, and civil liberties.
POLI 315 U.S. JUDICIAL POLICY MAKING
11900 001 (4) MTWR 1030AM – 1245PM BUSNS 2105
FOX, J
Prerequisite: POLI 314. A study of theories and models of judicial decision making in the Supreme Court, focusing on judicial structure and procedures, policy making analysis, political ideology, and judicial activism.

POLI 321 URBAN GOVERNMENT & POLITICS UE
10397 001 (3) MTWRF 0900AM – 0840PM HIBBS 0326
BANKS, M
An examination of urban political power and influence, governance, and public policy. Topics include: power and influence, governmental structures and the political process, public policy, and service delivery.

POLI 322 STATE & LOCAL GOVERNMENT
11921 001 (3) Jun 20 – Aug 10 (8 wks)
TR 0900AM – 1030AM BUSNS 2105
AUSTIN, J
An examination of the politics and governance of states and localities. Attention is devoted to political culture, interest groups, political parties, the legislative, executive, and judicial components of state government, along with the structure and political processes of local governments.

POLI 341 HISTORY OF POLITICAL THOUGHT WI
11922 001 (3) Jun 28 – Jul 27 (5 wks)
MTWR 1030AM – 1245PM BUSNS 2105
CONDÒ
WRITING INTENSIVE COURSE
POLI 341, 342. A survey of political thought from the time of Plato to the present. First semester: leading political ideas of the ancient and medieval periods. Second semester: modern and contemporary thought.

PSYC 214 APPLICATION OF STATISTICS
10394 001 (3) MTWRF 0900AM – 1245PM PORTER, J
May 22 – Jun 9 (9 wks)
HIBBS 0467
10395 002 (3) MTWRF 0900AM – 1245PM STAFF
Jul 20 – Aug 18 (8 wks)
HIBBS 0467
10396 003 (3) TR 0300PM – 0630PM PORTER, J
May 30 – Jul 20 (8 wks)
HIBBS 0467
Prerequisite: PSYC 101 and STAT 210. Frequency distributions, measures of central tendency and variability, sampling, probability, correlation, and significance tests as applied in psychological data.

PSYC 301 CHILD PSYCHOLOGY
10397 001 (3) MTWRF 0900AM – 1245PM MYERS, B
May 22 – Jun 9 (9 wks)
OLIVE 212S
10398 001 (3) TR 0900AM – 1030AM BUSNS 2122
Jun 20 – Aug 10 (8 wks)
STAFF
Prerequisite: PSYC 101. A study of the growth and development of the child until puberty. Child life 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
10399 001 (3) MTWRF 0900AM – 1245PM BUSNS 2101
Jun 20 – Aug 18 (8 wks)
STAFF
Prerequisite: PSYC 101 and either PSYC 301 or PSYC 304. A study of mental, moral, social, and physical development from puberty to maturity viewed as in child psychology. Designed for secondary school teachers, youth leaders, and professional psychologists.

PSYC 303 PERSONAL ADJUSTMENT
13400 001 (3) MTWRF 0900AM – 1245PM LSFCI 0101
June 19 – Jul 19 (4.5 wks)
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
10401 001 (3) MTWRF 0900AM – 1245PM OLUFH 1024
May 22 – Jun 9 (9 wks)
KLEVER, W
10402 001 (3) MTWRF 1030AM – 1245PM HIBBS 0308
Jun 26 – Jul 27 (6 wks)
STAFF
Prerequisite: PSYC 101. Reviews the basic concepts and principles of physical, cognitive, and social development at each major stage of life: prenatal, infancy, toddlerhood, preschool, middle childhood, adolescence, adulthood, and old age. Consideration is given to the study of development at each stage of life and to different theoretical explanations for development. PSYC 301 Child Psychology may not also be taken for credit.

PSYC 305 EDUCATIONAL PSYCHOLOGY
11854 001 (3) MTWRF 0900AM – 1245PM OLVPH 1024
May 22 – Aug 18 (13 wks)
STAFF
SAMES AS EDUS-305
Prerequisite: PSYC 101. The application of psychological principles to the teaching-learning process with special emphasis on theories of learning and development.

PSYC 306 ADULT DEVELOPMENT
10403 001 (3) MTWRF 0900AM – 1150AM HIBBS 3033
May 22 – Aug 18 (13 wks)
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 life-span 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
10404 001 (3) MTWRF 0900AM – 1245PM AUBERT, S
May 22 – Jun 9 (9 wks)
BUSNS 1133
10405 003 (3) MTWRF 0900AM – 1245PM STAFF
Jun 19 – Jul 19 (4.5 wks)
HIBBS 0203
10406 002 (3) TR 0900AM – 1030AM STAFF
May 22 – Jun 9 (8 wks)
HIBBS 0426
Prerequisite: PSYC 101. Physiological and psychological aspects of stress and the stress response. Review of principles, research, and methods of stress management, such as relaxation, self-suggestion, meditation, and biofeedback.

PSYC 309 PERSONALITY
10397 001 (3) MTWRF 1030AM – 1245PM BUSNS 2118
Jun 26 – Jul 27 (6 wks)
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 410 PRINCIPLES LEARNING & COGNITION
10422 001 (3) May 22 – Jun 9 (3 wks)
MTWR 0900AM – 1200PM
HIBBS 447D
STAFF
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, sociobiology, and cognitive and moral development.

PSYC 451 HISTORY & SYSTEMS OF PSYCHOLOGY
10423 001 (3) May 22 – Jun 9 (3 wks)
MTWR 0900AM – 1200PM
TEMPH 119S
LEAHY, M
12023 001 (3) May 30 – Jul 20 (8 wks)
TR 0800AM – 0900PM
BussN 1133
SEEL, R
STAFF
Prerequisite: PSYC 101. Open to psychology major students of junior or senior standing. The history of psychological ideas and theories emphasizing the origins and interrelationships of the major viewpoints and systems from ancient Greece to the present.

PSYC 482 INDEPENDENT STUDY
11558 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF
PERMISSION OF INSTRUCTOR REQUIRED
11559 002 (2) May 22 – Aug 18 (13 wks)
TBA
STAFF
PERMISSION OF INSTRUCTOR REQUIRED
11560 003 (3) May 22 – Aug 18 (13 wks)
TBA
STAFF
Prerequisite: PSYC 101. Open only to students of junior or senior standing who have acquired at least 12 credits in the departmental discipline. Determination of the amount of credit and permission of registrar and department chair must be procured prior to registration for the course. Independent study is defined as student-conceived and initiated readings or research project which is supervised by a psychology faculty member. An oral examination or written, comprehensive paper is required at the end of the semester. PSYC 482, PSYC 483 and PSYC 494 may be repeated for a total of six credits but a maximum of 12 credits total for all three courses is allowed.

PSYC 493 FIELD WORK
11562 001 (1) May 22 – Aug 18 (13 wks)
TBA
KLEVIER, W
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisite: Permission of instructor. Students are placed in an agency where they will provide supervised work experience in various aspects of helping other people. The setting might be a government or private community agency, or a corporation, depending on the student’s goals. The student works eight hours per week at the placement site, attends several group discussion sessions during the semester, and completes written assignments. This course is designed to enhance the psychology major’s career pursuits for either graduate-level training or post-baccalaureate employment. PSYC 492, PSYC 493 and PSYC 494 may be repeated for a total of six credits but a maximum of 12 credits total for all three courses is allowed.

PSYC 494 RESEARCH INTERNSHIP IN PSYC
11562 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF
PERMISSION OF INSTRUCTOR REQUIRED
11563 002 (2) May 22 – Aug 18 (13 wks)
TBA
STAFF
PERMISSION OF INSTRUCTOR REQUIRED
11564 003 (3) May 22 – Aug 18 (13 wks)
TBA
STAFF
PERMISSION OF INSTRUCTOR REQUIRED
11565 013 (3) May 22 – Aug 18 (13 wks)
TBA
MICREARY, M
PERMISSION OF INSTRUCTOR REQUIRED
11566 023 (3) May 22 – Aug 18 (13 wks)
TBA
KLEVIER, W
PERMISSION OF INSTRUCTOR REQUIRED
Prerequisites: PSYC 101 and permission of faculty research supervisor must be obtained prior to registration. This course allows students to work on various phases of a research project such as data collection, data analysis, manuscript writing under a psychology faculty member’s close supervision. This course is designed to enhance the psychology major’s career pursuits for either graduate-level training or post-baccalaureate employment. PSYC 492, PSYC 493 and PSYC 494 may be repeated for a total of six credits but a maximum of 12 credits total for all three courses is allowed.

PSYC 607 ADVANCED EDUCATIONAL PSYCHOLOGY
10424 001 (5) May 22 – Jun 22 (5 wks)
MTWR 1000AM – 1200PM
OLIVD 4048A
GERBER, P
SAME AS EDUS-607
10425 001 (3) May 22 – Jun 22 (5 wks)
MTWR 0800AM – 0900PM
OLIVD 4048A
GERBER, P
SAME AS EDUS-607
STAFF
Application of the principles of psychology to the teaching-learning process. Discussion will focus on the comprehensive development of individual learning experiences and educational programs from the point of view of the educator and the administrator.
PSYC 671 READINGS & RESEARCH
11557 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 690 RESEARCH PRACTICUM
11570 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

Available to graduate students in the psychology department with approval by their program committees. Provides the graduate student in psychology the opportunity to design and apply research skills under close faculty supervision. Involves research projects that progressively become more sophisticated as students increase their research skills.

PSYC 693 COUNSELING PRACTICUM
11573 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 694 CLINICAL PRACTICUM
11574 002 (2) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 695 INTERNSHIP
11575 003 (3) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 696 INTERNSHIP
11576 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSCY 619 LEARNING & COGNITION
10425 001 (3) MTWRF 1000AM – 1130AM
LEAHY, N
MAJORS ONLY

Prerequisite: Graduate standing in psychology or permission of instructor. Covers principles and theories of learning and cognitive psychology from simple associative learning through memory, comprehension, thinking, and social behavior.

PSYC 647 NEUROPSYCH ASSESSMENT
11567 001 (3) TR 0800AM – 0900AM
NORTH HOSPITAL
HESS, D

Prerequisite: Graduate standing in psychology and permission of instructor. Psychological assessment of brain-behavior relationships in the context of neurological or neurosurgical problems. Emphasis is on current modifications of Halstead's tests and on the Reitan-Indiana Neuropsychological Battery for younger children. Laboratory requires supervised administration, scoring, and interpretations of neuropsychological test batteries.

PSYC 671 READINGS & RESEARCH
11568 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 690 RESEARCH PRACTICUM
11569 002 (2) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 693 COUNSELING PRACTICUM
11570 003 (3) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 695 INTERNSHIP
11571 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 696 INTERNSHIP
11572 002 (2) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 798 MS THESIS
11580 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

PSYC 898 DOCTORAL DISSERTATION
11584 001 (1) May 22 – Aug 18 (13 wks)
TBA
STAFF

Religious Studies

RELS 101 INTRO TO RELIGIOUS STUDIES
10433 001 (3) MTWRF 0900AM – 1200PM
WILLIAMS, L

This course examines the phenomenon of religion and religious experience. Through a phenomenologi-
cal approach definitions and descriptions of the major features of the religious experience and of reli-
gious establishments, including concepts of the sacred, the numinous, religious language, texts, sym-
bolics, rituals and myths are reviewed. In addition, the social, political and spiritual dimensions of religion
in human culture will be investigated.

RELS 250 DEATH: MYTH & REALITY
10434 001 (3) MTWRF 0900AM – 1200PM
SPIRO, J

A study of intellectual and emotional responses to death and dying with emphasis upon their role in the
development of religious thought and practice. Special attention will be paid to the death theme in liter-
ary, funerary, and beliefs concerning the afterlife in selected world religions.

RELS 301 INTRO TO THE OLD TESTAMENT
10435 001 (3) MTWRF 0900AM – 1100AM
TALBERT, R

A survey of the Old Testament from its beginning through the post-Exile period. Emphasis given to the
literary and historical development of the text.

RELS 317 ISLAM
12208 001 (3) MTWRF 0900AM – 1200PM
WADUD, A

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, as well as
mysticism (Sufism) and law (shari'ah) as well as an overview of ritual practices, fundamental beliefs, theo-
ological principles, and current issues in Islam and international relationship.

RELS 333 PSYCHOLOGY AND RELIGIOUS EXPERIENCE
10436 001 (3) MTWRF 0900AM – 1200PM
YODER, B

SAME AS PSYC 333

Religious belief and experience as viewed by major psychological theorists. How psychological method-
ology has been used to study religious experience. Topics include personality factors and development,
conversion experiences, religious experiences and mental health, and human values.

RELS 346 GLOBAL ETHICS & RELIGIONS
10437 001 (3) MTWRF 0900AM – 1200PM
YODER, B

A critical survey of ethical concepts and issues in the thought and practice of major religious traditions.
Comparison of ethical perspectives on selected themes and attention to cooperative efforts towards a
global ethic.
REL 490 INDEPENDENT STUDY

11611 001 (1) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

Open generally only to students of 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 for the course. An independent study course to allow interested students in religious studies to do research in an area of major interest.

REL 592 INDEPENDENT STUDY

11614 001 (1) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

Open only to graduate students. An independent study course to allow qualified graduate students to do research in an area of major interest.

Social Sciences

SOC 340 HUMAN SEXUALITY

10451 001
MTWR 0900AM – 1200PM
HIBBS 0203

10455 002 (3)
MTWR 0900AM – 1210PM
HIBBS 0203

A study of the variety of the forms, sources, and consequences of human sexual behaviors and the attitudes, beliefs, and values associated with them. The data and its analysis are directed to the significance of sex in human experience.

Sociology

SOC 101 GENERAL SOCIOLGY

10454 001
MTWRF 0900AM – 1200PM
LYNL, S

10457 002 (3)
MTWRF 0900AM – 1130AM
NELSON, L

10458 003 (3)
MTWRF 1030AM – 1215PM
WILLIAMS, J

10459 001 (3)
MTWRF 0900AM – 0840PM
NELSON, L

11659 002 (3)
TBA
NELSON, L

An introduction to the study of human society. The basic concepts of society and culture and their relationships to each other are studied and then used to analyze the major social institutions.

SOC 206 INTR SOCL SCIENCE COMPUTING

10460 001 (1)
MTWR 0900AM – 0250PM
HENRY, M

10461 001 (1)
TBA
NELSON, L

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

SOC 341 GROUP DYNAMICS

10462 001 (3)
MTWRF 0900AM – 1200PM
HIBBS 0203

An introduction to the study of the nature of group dynamics, emphasizing theories of and research on causation, prediction, and prevention.

SOC 490 SENIOR PROJECT

11660 001 (1) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

SOC 492 INDEPENDENT STUDY

11661 003 (3) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

SOC 493 FIELD RESEARCH INTERNSHIP

11663 003 (3) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

SOC 698 STAT FOR SOCIAL RESEARCH

11684 001 (3)
MTWRF 0900AM – 1200PM
T 0405PM – 0640PM
HIBBS 0203

May 31 – Jun 19 (8 wks)

SOC 699 APPLIED RESEARCH INTERNSHIP

11685 002 (2) May 22 – Aug 18 (13 wks)
TBA
EDWARDS, C

GRADUATE STUDENTS ONLY

SOC 699 MS THESIS

11686 001 (1) May 22 – Jun 9 (8 wks)
TBA
EDWARDS, C
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 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 Study Abroad. Additional fees apply. Call the department for more information, 828-2200. Also see Page 60.

SPAN 101 ELEMENTARY SPANISH

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<th>CRN</th>
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<th>Credits</th>
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<td>10464</td>
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<td>MTWRF</td>
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Spanish Study Abroad in Guatemala (July 1-30) and Spain (May 29-June 29) will offer language instruction at all levels on site. Please contact the department (828-2200) for further information. Also see Page 60.

Statistics

Students requiring a statistics course for their majors should check with their departments or advisors regarding which course is appropriate. The two courses STAT 208 and STAT 210 replace the STAT 212 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

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<td>MTWRF</td>
<td>0900AM – 1140AM</td>
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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 in which 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 541 APPLIED STATS FOR ENGINEERS & SCI

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<td></td>
<td>STAT 541-001</td>
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<td>3</td>
<td>MTWRF</td>
<td>1000AM – 1200PM</td>
<td>BUSNS 2162</td>
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</table>

Prerequisites: MATH 200-201 or equivalent and operational knowledge of MS-DOS. An introduction to statistics intended primarily for graduate students in Mathematical Sciences and the Commonwealth Graduate Engineering Program. The fundamental ideas of the collection and display of data, sampling distributions and probability, introduction to inference. Emphasis is on understanding statistical studies, charts, tables and graphs frequently seen in various media sources. Laboratories involve learning activities centered on case studies.

URSP 116 INTRODUCTION TO THE CITY

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<td>URSP 116-001</td>
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Introduction to the various theories of urbanism and attempt to offer solutions to the problems of urban life in modern civilization. The course will survey the major works of those who have studied cities or offered solutions and alternatives to existing urban structures. The works of noted social reformers, political analysts, economists, and architects as well as urban planners will be examined through lectures, readings, films, slides, discussions, and field trips (when feasible).
URSP 315 EVOLUTION OF AMERICAN CITIES
10514 001 (3) May 22 – Jun 9 (3 wks)
MTWRF 0900AM – 1200PM OLIVEO 2117
MOESER, J

A general survey of how cities developed in the United States and the factors which contributed to the process of urbanization. Emphasis is placed on the public attitudes and values that have dominated particular periods of history and how these values affected the efforts to urbanize. The American city is examined as a vital force in the economic, social, and political development of modern America, as the major location for conflict between people of all persuasions, and as the home of much of what is meant by American "civilization".

URSP 392 INDEPENDENT STUDY
11754 001 (1) May 22 – Aug 18 (13 wks)
TBA
JOHNSON, G
PERMISSION OF INSTRUCTOR REQUIRED

Junior or senior standing is required. Under supervision of a faculty adviser, who must approve the student taking the course, a student studies a topic of interest.

URSP 541 URBAN PUBLIC POLICY
11815 001 (3) May 30 – Jul 20 (8 wks)
TR 0600PM – 0840PM PRINC 0005
MOESER, J
PERMISSION OF INSTRUCTOR REQUIRED

Discusses the politics of urban life. Examines the physical, demographic and economic environments in which conflict resolution occurs, as well as the actors on the local, state, and federal levels that participate in the political process.

URSP 764 THESIS OR PROJECTS
11757 006 (3) May 22 – Aug 18 (13 wks)
TBA
JOHNSON, G
PERMISSION OF INSTRUCTOR REQUIRED

Prerequisites: Permission of instructor and appropriate research methods course. Planning, preparation, completion, and presentation of a thesis or project. URSP 764 is an acceptable substitute for URSP 762 Planning Studio II. Consent of instructor and chair required for this substitution.

URSP 797 DIRECTED RESEARCH
11758 001 (1) May 22 – Aug 18 (13 wks)
TBA
JOHNSON, G
PERMISSION OF INSTRUCTOR REQUIRED

Open generally only to students of 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.