
Part II

University Programs and Degrees by School

List of Programs and Degrees Offered

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Programs and Degrees Offered

Listed below are the undergraduate programs and degrees offered by the University of Virginia, as well as the minimum number of credits required to receive a degree in each of the programs. The University reserves the right to increase the number of credits necessary for a degree in a particular field when the student has not completed the program.

Degrees will appear on transcripts after conferral of the degree. Degrees are awarded in May, August, and January. Students who do not complete their course work by the published graduation date will be awarded degrees at the next degree date. Degree requirements are subject to change by a vote of the faculties of the schools in which the

programs are offered. The abbreviations used in this table include: B.A., Bachelor of Arts; B.S., Bachelor of Science; B.S.Ed., Bachelor of Science in Education; B.U.E.P., Bachelor of Urban and Environmental Planning; M.T., Master of Teaching.

School/Program	Degree(s)	Credits	IPEDS	School/Program	Degree(s)	Credits	IPEDS
College of Arts and Sciences				Actuarial	B.A.	120	1796
African American Studies	B.A.	120	2211	Teacher Education	B.A.	120	1795
Anthropology	B.A.	120	2202	Music	B.A.	120	1005
Area Studies	B.A.	120		Philosophy	B.A.	120	1509
Asian Studies	B.A.	120	0301	Physics	B.A., B.S.	120	1902
Latin American Studies	B.A.	120	0308	Psychology	B.A.	120	2001
Middle East Studies	B.A.	120	0309	Religious Studies	B.A.	120	1510
Art, Studio	B.A.	120	1002	Slavic Languages and Literature	B.A.	120	1190
Art, History of	B.A.	120	1003	Russian and East European			
Astronomy	B.A.	120	1911	Studies	B.A.	120	0307
Astronomy-Physics	B.A.	120	1991	Sociology	B.A.	120	2208
Biology	B.A.	120	0401	Spanish	B.A.	120	1105
Chemistry	B.A., B.S.	120	1905	School of Architecture			
Biochemistry	B.S.	120	1996	Architecture	B.S.	127	0202
Chemical Education	B.S.	120	1995	Architectural Design			
Chemical Physics	B.S.	120	1998	Concentration	B.S.	127	0297
Environmental Chemistry	B.S.	120	1999	Architectural Studies			
Materials	B.S.	120	1997	Concentration	B.S.	127	0298
Classics	B.A.	120	1199	Architectural History	B. Arch. Hist.	122	0291
Greek	B.A.	120	1110	Urban and Environmental Planning	B.U.E.P.	122	0206
Latin	B.A.	120	1109	McIntire School of Commerce			
Comparative Literature	B.A.	120	1503	Commerce	B.S. Commerce	120	0501
Drama	B.A.	120	1007	Accounting	B.S. Commerce	120	0502
Economics	B.A.	120	2204	Finance	B.S. Commerce	120	0504
Financial Concentration	B.A.	120	2298	Management	B.S. Commerce	120	0506
English	B.A.	120	1501	Marketing	B.S. Commerce	120	0509
American Studies	B.A.	120	1598	International Business	B.S. Commerce	120	0513
Medieval, Renaissance	B.A.	120	1595	Management Information Systems	B.S. Commerce	120	0518
Modern Studies	B.A.	120	1594	Curry School of Education			
Environmental Sciences	B.A.	120	4995	Five Year Teacher Education Program			
French	B.A.	120	1102	Elementary	B.A. & M.T.	155-160	0802
Foreign Affairs	B.A.	120	2210	Secondary	B.A. & M.T.	150	0803
German	B.A.	120	1103	English	B.A. & M.T.	150	0895
Government	B.A.	120	2207	Foreign Language	B.A. & M.T.	150	0896
Government and Foreign Affairs	B.A.	120	2299	Mathematics	B.A. & M.T.	150	0833
History	B.A.	120	2205	Science	B.A. & M.T.	150	0834
Interdisciplinary Major	B.A.	120	4901	Social Studies	B.A. & M.T.	150	0897
Archaeology	B.A.	120	4904	Special Education	B.A. & M.T.	150	0808
Cognitive Science	B.A.	120	4909	Kinesiology (Health and Physical			
Echols Scholars Program	B.A.	120	4991	Education)	B.S.Ed. & M.T.	150	0835
Jewish Studies	B.A.	120	4913	Four Year B.S.Ed. Degrees			
Linguistics	B.A.	120	4903	Communication Disorders	B.S.Ed.	120	1220
Literacy and Cultural Studies	B.A.	120	4907	Sports Medicine	B.S.Ed.	120	0835
Media Studies	B.A.	120	4914	*Teacher Education Programs are sponsored jointly with the College of Arts and Sciences and result in the simultaneous awarding of bachelor and master of teaching (M.T.) degrees. Students may select a major in almost any area of the College with education serving as a quasi-second major.			
Medieval Studies	B.A.	120	4905	School of Engineering and Applied Science			
Political and Social Thought	B.A.	120	4902	Aerospace Engineering	B.S.	128	0902
Studies in Women and Gender	B.A.	120	4912				
Italian	B.A.	120	1104				
Mathematics	B.A.	120	1701				
Graduate Preparatory	B.A.	120	1799				
Probability and Statistics	B.A.	120	1798				
Financial Mathematics	B.A.	120	1797				

School/Program	Degree(s)	Credits	IPEDS	School/Program	Degree(s)	Credits	IPEDS	
Applied Mathematics	B.S.	128	1703	School of Nursing Nursing	B.S. Nursing	120	1203	
Chemical Engineering	B.S.	128	0906		B.S. Nursing	120	1204	
Civil Engineering	B.S.	128	0908		R.N. to B.S.N. Program	B.S. Nursing	120	1205
Computer Engineering	B.S.	128	0989	School of Continuing and Professional Studies Interdisciplinary Studies	B.S. Nursing	120	1205	
Computer Science	B.S.	126½	0701		B.I.S.	120	4998	
Electrical Engineering	B.S.	128	0909					
Engineering Science	B.S.	127	0901					
Mechanical Engineering	B.S.	128	0910					
Systems Engineering	B.S.	128	0992					

How to Read Course Listings

Courses listed in this catalog have been approved by the faculties of the schools in which the courses are taught. Only courses which have been approved by the faculty are eligible for academic credit. The following information introduces the components of the course descriptions listed in each school's section.

Course numbering system

100-299 Lower level undergraduate: introductory and survey courses.

300-499 Upper level undergraduate: advanced courses that may have prerequisites or require instructor permission.

500-599 Introductory graduate level: courses for beginning graduate students and advanced undergraduates.

600-699 Professional level: courses generally reserved for the schools of Medicine and Law; exceptions exist for other professional offerings, particularly in the field of teacher education.

700-899 Graduate level: courses appropriate for masters and beginning doctoral degree programs.

900-999 Graduate level: courses reserved for offerings in doctoral programs, such as readings, research, independent study, and dissertations.

Descriptions of courses numbered 600 and above are listed in the *Graduate Record*. Undergraduates wishing to take courses numbered 600 or above must obtain permission from the dean of the school in which they want to take the course.

Please note that not all courses listed in the *Record* are taught each semester.

Where possible, odd numbers signify fall semester courses and even numbers signify spring semester courses. The determination of course level is the responsibility of the offering department and/or school. The academic policy committee of each school is expected to assume the necessary monitoring function.

Glossary of course designations Each course number in this catalog is preceded by the letter designation assigned to that particular course for purposes of processing grades, schedules, and transcripts. The complete list of these designations is given below, together with the area for which each stands and the school in which the course is taught.

College of Arts and Sciences

AAS	Afro-American Studies
AMEL	Asian and Middle Eastern Languages and Cultures
AMTR	Asian and Middle Eastern Languages and Cultures in Translation
ANAT	Anatomy
ANSP	Special Topics in Anthropology
ANTH	Anthropology
ARAB	Arabic
ARCY	Archaeology
ARTH	Art History
ARTR	Arabic in Translation
ARTS	Studio Art
ASL	American Sign Language
ASPR	Asian Studies
ASTR	Astronomy
BIOL	Biology
BOT	Botany
BULG	Bulgarian
CHEM	Chemistry
CHIN	Chinese Language
CHTR	Chinese in Translation
CLAS	Classics
COMM	Commerce
CPLT	Comparative Literature
CZ	Czech
DRAM	Drama
DUTC	Dutch
ECON	Economics

Guide to reading course descriptions

Example

BIOL 301 - (3) (Y)

Cell Physiology

Prerequisites: BIOL 201, 202.

Studies cell structure and function, metabolism, membranes and transport, and cellular specializations.

Explanation of example

BIOL 301—course mnemonic (see *glossary*) and number. Variations include GREE 101-102 where two semesters of a course must be completed to obtain credit toward a degree, or ENWR 103, 104 where credit may be obtained by taking either semester or both.

(3)—number of credits that will be earned upon successful completion of the course. Where courses are dually numbered (101-102 or 103, 104), the number of credits represents the number of credits for each section of the courses, e.g., three credits for 101 and three credits for 102.

(Y)—code for frequency with which the course is offered. Variations are:

S offered fall and spring semesters

Y offered at least once every academic year

(fall or spring semester)

E offered when the fall semester occurs in an even year (e.g., 2000-2001)

O offered when the fall semester occurs in an odd year (e.g., 1999-2000 or 2001-2002)

SI offered upon sufficient student interest

IR offered irregularly

SS offered during summer session

Cell Physiology—course title

Prerequisites: BIOL 201, 202.—Prerequisites are courses or conditions that must be successfully completed prior to enrollment in the course described. Prerequisites separated by a comma indicate a series of prerequisites, all of which are required. Variations include *BIOL 101 or 201* where either course, but not both, must be taken prior to enrollment in the described course. An exception occurs when *or* precedes the last entry in a series, in which case the commas indicate *or* throughout (e.g., BIOL 101, 201 or equivalent). *Corequisite* means that concurrent enrollment in the course or courses designated and the course or courses described is required.

A study of cell structure and function, metabolism, membranes and transport, and cellular specializations — *Course description*

ENAM American Literature to 1900
 ENCR Criticism
 ENEC Restoration and Eighteenth Century Literature
 ENGL Miscellaneous English
 ENGN Genre Studies
 ENLS Language Study
 ENLT Introductory Seminars in Literature
 ENMD Medieval Literature
 ENNC Nineteenth Century British Literature
 ENPG Pedagogy
 ENRN Renaissance Literature
 ENSP Special Topics in Literature
 ENTC Twentieth Century Literature
 ENWR Academic, Professional, and Creative Writing
 EVAT Atmosphere
 EVEC Ecology
 EVGE Environmental Geology
 EVHY Hydrosphere
 EVMA Marine Affairs
 EVSC Environmental Science
 FORS Foreign Study
 FREN French Language
 FRTR French in Translation
 GERM German
 GETR German in Translation
 GFAD Government Department Seminars
 GFAP American Government
 GFCP Comparative Government
 GFIR International Relations
 GFPT Political Theory
 GREE Greek
 HEBR Hebrew
 HIAF African History
 HIAS Asian History
 HIEA East Asian History
 HIEU European History
 HILA Latin American History
 HIME Middle Eastern History
 HIND Hindi
 HISA South Asian History
 HIST General History
 HIUS United States History
 HUMS Humanistic Studies
 IMP Interdisciplinary Thesis
 INST Interdisciplinary Studies
 ITAL Italian Language
 ITTR Italian in Translation
 JAPN Japanese
 JPTR Japanese in Translation
 JWST Jewish Studies
 LASE Liberal Arts Seminar
 LATI Latin
 LAST Latin American Studies
 LING Linguistics
 LNCS General Linguistics
 MATH Mathematics
 MDST Media Studies
 MEST Middle Eastern Studies
 MSP Medieval Studies Program
 MTST Mathematical Studies

MUSI Music
 NRES Undergraduate non-resident
 PERS Persian
 PETR Persian in Translation
 PHIL Philosophy
 PHY Physiology
 PHYE Physical Education
 PHYS Physics
 PLSK Personal Skills
 POL Polish
 PORT Portuguese
 POTR Portuguese in Translation
 PST Political and Social Thought
 PSYC Psychology
 RASP Russian Area Studies Program
 RELA Religion-African Religions
 RELB Religion-Buddhism
 RELC Religion-Christianity
 RELG Religion-General
 RELH Religion-Hinduism
 RELI Religion-Islam
 RELJ Religion-Judaism
 RELS Religion-Special Topics
 RUSS Russian
 RUTR Russian in Translation
 SANS Sanskrit
 SAST South Asian Studies
 SATR South Asian Literature in Translation
 SCAN Scandinavian
 SLAV Slavic
 SLFK Slavic Folklore and Literature
 SLTR Slavic in Translation
 SOC Sociology
 SPAN Spanish Language
 SPTR Spanish Translation
 SRBC Serbo-Croatian
 STAT Statistics
 SWAG Studies in Women and Gender
 SWAH Swahili
 SWED Swedish
 TAML Tamil
 TURK Turkish
 TUVA Tuvan
 UKR Ukrainian
 URDU Urdu
 USEM University Seminar
 ZOOL Zoology

School of Architecture

ARH Architectural History
 ARCH Architecture
 LAR Landscape Architecture
 NRES Undergraduate non-resident
 PHYS Architectural Physics
 PLAC Urban and Environmental Planning
 PLAN Urban and Environmental Planning
 USEM University Seminar

McIntire School of Commerce

COMM Commerce
 NRES Undergraduate non-resident
 USEM University Seminar

Curry School of Education

EDHS Human Services (clinical and school psychology, communication disorders, counselor education, health and physical education)
 EDIS Curriculum, Instruction, and Special Education
 EDLF Education Leadership, Foundations, and Policy
 NRES Undergraduate Non-Resident
 NRGA Graduate non-resident
 USEM University Seminar

School of Continuing and Professional Studies

IS Interdisciplinary Studies
 ISAS Interdisciplinary Studies Analytical Skills
 ISBU Interdisciplinary Studies Business
 ISCI Interdisciplinary Studies Critical Issues
 ISCS Interdisciplinary Studies Capstone Seminars
 ISHU Interdisciplinary Studies Humanities
 ISIT Interdisciplinary Studies Information Technology
 ISSS Interdisciplinary Studies Social Sciences

School of Engineering and Applied Science

APMA Applied Mathematics
 BIOM Biomedical Engineering
 CE Civil Engineering
 CS Computer Science
 CHE Chemical Engineering
 EE Electrical Engineering
 ENGR Engineering
 MSE Materials Science and Engineering
 MAE Mechanical and Aerospace Engineering
 NRES Undergraduate non-resident
 NRGA Graduate non-resident
 PHYS Physics
 SYS Systems Engineering
 TCC Technology, Culture, and Communication
 TMP Technology, Management and Policy
 USEM University Seminar

School of Nursing

GNUR Graduate Nursing
 NRES Undergraduate non-resident
 NRGA Graduate non-resident
 NUCO Nursing Core
 NUIP Nursing - interprofessional
 NURS Nursing
 USEM University Seminar

Reserve Office Training Program

AIRS Air Science
 MISC Military Science
 NASC Naval Science