

GENERAL COURSE INFORMATION

UNIVERSITY OF SOUTH FLORIDA - 1997/98 UNDERGRADUATE CATALOG

NOTE: The State Department of Education is charged with the development and coordination of a common course designation and numbering system for community colleges and the State University System which will improve program planning, increase communication among community colleges and universities, and facilitate the transfer of students. As part of this effort, changes will be made system-wide in course prerequisites, course levels, etc. These changes are not reflected in this catalog and will be implemented during the academic year. Students should check with the academic advising office in their college or regional campus, the Center for Academic Advising for undeclared majors, or the Office of the Dean of Undergraduate Studies for current information.

Courses offered for credit by the University of South Florida are listed on the following pages in alphabetical order by college and subject area.

The first line of each description includes the State Common Course prefix and number (see below), title of the course, and number of credits.

Credits separated by a colon indicate concurrent lecture and laboratory courses taught as a unit:

PHY 3040, 3041L GENERAL PHYSICS & LABORATORY (3:1)

Credits separated by commas indicate unified courses offered in different semesters:

AMH 2010, 2020 AMERICAN HISTORY I, II (4,4)

Credits separated by a hyphen indicate variable credit:

HUM 4905 DIRECTED RESEARCH (1-5)

The abbreviation "var." also indicates variable credit:

MAT 7912 DIRECTED RESEARCH (var.)

The following abbreviations are utilized in various course descriptions:

PR	Prerequisite
CI	With the consent of the instructor
CC	With the consent of the chairperson of the department or program
CR	Corequisite
Lec.	Lecture
Lab.	Laboratory
Dem.	Demonstration
Pro.	Problem
Dis.	Discussion

SPECIAL INFORMATION COURSE CODES

6A	Courses to satisfy Rule 6A-10.30 (Gordon Rule)
EC	Course fulfills part of the Liberal Arts General Education Requirement for English Composition
FA	Course fulfills part of the Liberal Arts General Education Requirement for Fine Arts
HP	Course fulfills part of the Liberal Arts General Education Requirement for Historical Perspectives
NS	Course fulfills part of the Liberal Arts General Education Requirement for Natural Sciences
AF	Course fulfills part of the Liberal Arts General Education Requirement for African, Latin American, Middle Eastern, or Asian Perspectives
QM	Course fulfills part of the Liberal Arts General Education Requirement for Qualitative Methods
SS	Course fulfills part of the Liberal Arts General Education Requirement for Social Sciences
XLW	Course fulfills part of the Liberal Arts Exit Requirement for Literature and Writing
XMW	Course fulfills part of the Liberal Arts Exit Requirement for Major Works and Major Issues

The University reserves the right to substitute, not offer, or add courses that are listed in this catalog.

Alphabetical Listing of Departments and Programs

Course descriptions are listed by college under the following department and program headings:

Department/Program	College
Accounting	Business Administration
Administration/Supervision	Education
Adult Education	Education
Africana Studies	Arts and Sciences
Air Force ROTC	University-wide Courses
American Studies	Arts and Sciences
Ancient Studies (Religious Studies)	Arts and Sciences
Anthropology	Arts and Sciences
Arabic (Language)	Arts and Sciences
Army ROTC	University-wide Courses

Art	Fine Arts
Art Education	Education
Astronomy	Arts and Sciences
Bachelor of Independent Studies	Arts and Sciences
Basic and Interdisciplinary Engineering	Engineering
Biology	Arts and Sciences
Business and Office Education	Education
Chemistry	Arts and Sciences
Chemical Engineering	Engineering
Chinese (Language)	Arts and Sciences
Civil and Environmental Engineering	Engineering
Classics	Arts and Sciences
Common Body of Knowledge	Business Administration
Communication	Arts and Sciences
Communication Sciences and Disorders	Arts and Sciences
Computers in Education	Education
Computer Science and Engineering	Engineering
Computer Service Courses	Engineering
Cooperative Education	University-wide Courses
Criminology	Arts and Sciences
Dance	Fine Arts
Early Childhood Education	Education
Economics	Business Administration
Electrical Engineering	Engineering
Elementary Education	Education
English	Arts and Sciences
English Education	Education
Environmental Science & Policy	Arts and Sciences
Finance	Business Administration
Fine Arts Interdisciplinary	Fine Arts
Foreign Language Education	Education
French (Language)	Arts and Sciences
General Business Administration	Business Administration
General Foreign Languages	Arts and Sciences
Geography	Arts and Sciences
Geology	Arts and Sciences
Gerontology	Arts and Sciences
German (Language)	Arts and Sciences
Government & International Affairs	Arts and Sciences
Greek (Classics)	Arts and Sciences
Hebrew (Language)	Arts and Sciences
Higher Education	Education
History	Arts and Sciences
Honors Program	University-wide Courses
Humanities	Arts and Sciences
Human Services	Arts and Sciences
Industrial and Management Systems	Engineering
Industrial/Technical Education	Education
Information Systems & Decision Sciences	Business Administration
Interdisciplinary Studies	Arts and Sciences
International Studies	Arts and Sciences
Italian (Language)	Arts and Sciences
Japanese (Language)	Arts and Sciences
Language	Arts and Sciences
Latin (Classics)	Arts and Sciences
Liberal Studies	Arts and Sciences
Library & Information Science	Arts and Sciences
Linguistics	Arts and Sciences
Management	Business Administration
Marine Science	Arts and Sciences
Marketing	Business Administration
Mass Communications	Arts and Sciences
Mathematics	Arts and Sciences
Mathematics Education	Education
Measurement and Research	Education
Mechanical Engineering	Engineering
Medical Technology	Arts and Sciences

Military Science (Army ROTC)	University-wide Courses	International Studies	AFA, ASN, EUS, INR, LAS, WST
Music	Fine Arts	Political Science	CPO, INR, POS, POT, PUP, URP
Music Education	Education, Fine Arts	Public Administration	PAD
Nursing	Nursing	History	AFH, AMH, ASH, EUH, HIS, LAH, WST
Off-Campus Term	University-wide Courses	Humanities	HUM
Philosophy	Arts and Sciences	Interdisciplinary Sciences	ISC
Physical Education - Elective	Education	Interdisciplinary Social Sciences	ISS, STA
Physical Education - Professional	Education	Language	
Physics	Arts and Sciences	General Foreign Languages	ENS, FLE, FOL, FOW, LIN, TSL
Polish (Language)	Arts and Sciences	Arabic	ARA
Political Science	Arts and Sciences	Chinese	CHI
Portuguese (Language)	Arts and Sciences	French	FRE, FRW
Psychological and Social Foundations of Education	Education	German	GER, GET, GEW
Psychology	Arts and Sciences	Greek	GRK
Public Administration	Arts and Sciences	Hebrew	HBR
Public & Community Health Education	Public Health	Italian	ITA, ITW
Reading Education	Education	Japanese	JPN
Rehabilitation Counseling	Arts and Sciences	Polish	POL
Religious Studies	Arts and Sciences	Portuguese	POR
Russian (Language)	Arts and Sciences	Russian	RUS, RUT
Social Science Education	Education	Spanish	SPN, SPT, SPW
Social Sciences, Interdisciplinary	Arts and Sciences	Yoruba	YOR
Social Work	Arts and Sciences	Liberal Studies	IDS
Sociology	Arts and Sciences	Library & Information Science	LIS
Spanish (Language)	Arts and Sciences	Linguistics	ENS, LIN, TSL
Special Education	Education	Mass Communications	ADV, FIL, JOU, MMC, PGY, PUR, RTV, VIC
Theatre	Fine Arts	Marine Science	OCB, OCC, OCE, OCG, OCP
Women's Studies	Arts and Sciences	Mathematics	CGS, COP, MAA, MAC, MAD, MAE, MAP, MAS, MAT, MGF, MHF, MTG, STA
Yoruba (Language)	Arts and Sciences	Medical Technology	MLS
<i>Cross-Listing of Departments and Programs</i>			
<i>Alphabetically by College, Department/Program</i>			
<i>College/Department/Program</i>	<i>Common Course Prefixes</i>	Microbiology	MCB
<i>University-wide Courses</i>			
Aerospance Studies (Air Force ROTC)	AFR	Philosophy	PHH, PHI, PHM, PHP, WST
Architecture	ARC	Physics	PHY, PHZ
Cooperative Education	IDS	Psychology	CBH, CLP, DEP, EXP, INP, PPE, PSB, PSY, SOP
Honors Program	IDH	Rehabilitation Counseling	RCS
Military Science (Army ROTC)	MIS	Religious Studies	CLA, GRE, HEB, REL
Off-Campus Term	IDS	Ancient Studies	CLA, HEB
Public Health	HSC	Science Education	SCE*
<i>College of Arts and Sciences</i>			
Africana Studies	AFA, AFH, AFS, AMH, AML, AMS, ANT, CPO, HUM, INR, ISS, PHI, PHM, PUP, SPC	Social Science Education	SSE*
American Studies	AMS, PGY	Social Work	SOW
Anthropology	ANT	Sociology	SYA, SYD, SYG, SYO, SYP
Astronomy	AST	Women's Studies	AFA, AMH, AMS, ANT, COM, LIT, PHI, PHM, POS, PUP, REL, SOP, SPT, SYD, WST
Bachelor of Independent Studies	HUM, IDS, ISC, ISS	<i>College of Business Administration</i>	
Biology	BOT, BSC, ENY, MCB, PCB, ZOO	Accounting	ACG, TAX
Chemistry	BCH, CHM, CHS	Common Body of Knowledge (Graduate)	GEB
Classics	CLA, CLT	Economics	ECO, ECP, ECS
Greek	GRE, GRW	Finance	FIN, REE, RMI
Latin	LAT, LNW	General Business Administration	BUL, GEB, MAN
Communication	COM, ORI, SPC	Information Systems & Decision Sciences	CGS, GEB, ISM, QMB
Communication Sciences & Disorders	SPA	Management	MAN
Criminology	CCJ, CJT	Marketing	MAR
Economics	ECN, ECO, ECP, ECS, GEB, QMB	<i>College of Education</i>	
English	AML, CRW, ENC, ENG, ENL, LAE, LIN, LIT, REA, WST	Adult Education	ADE, BTE, DEC, EIA, EIV, EVT, OST
Environmental Science & Policy	EVR	Art Education	ARE, EDG
Geography	GEA, GEO, MET, URF	Business and Office Education	BTE
Geology	GLY, OCE, OCG	Computers in Education	EME
Gerontology	GEY, HUS		
Government & International Affairs			

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Content Specializations	ARE, FLE, MAE, SCE, SED, SSE	ART	Art
Elementary Education	ARE, EDE, EDG, EDS, HLP, LAE, MAE, RED, SCE, SSE	ASH	History
English Education	LAE	ASN	International Studies
Foreign Language Education	FLE	AST	Astronomy
Higher Education	EDH	BCH	Chemistry
Humanities Education	HUM	BMS	Medicine, Medical Sciences
Industrial/Technical Education	EIA, EIV, EVT	BOT	Biology
Measurement-Research	EDF	BSC	Biology
Music Education	MUE	BTE	Business & Office Education
Physical Education - Elective	HLP, PEL, PEM, PEN, PEQ, PET	BUL	General Business Administration
Physical Education - Professional	HLP, HSC, PEP, PEQ, PET	CAP	Computer Science & Engineering
Psychological & Social Foundations of Education	EDF, IDS, MHS, SDS, SLS, SPS	CBH	Psychology
Reading Education	RED	CCJ	Criminology
Science Education	SCE	CDA	Computer Science & Engineering
Social Science Education	SSE	CEG	Civil & Environmental Engineering
Special Education	EDG, EED, EEX, EGI, ELD, EMR, EPH	CEN	Computer Science & Engineering
<i>College of Engineering</i>		CES	Civil & Environmental Engineering
Basic and Interdisciplinary Engineering	EGN	CGN	Civil & Environmental Engineering
Chemical Engineering	ECH	CGS	Computer Service Courses, Mathematics, Mathematics Education
Civil and Environmental Engineering	CEG, CES, CGN, CWR, EMA, ENV, TTE	CHI	Chinese
Computer Science & Engineering	CAP, CDA, CEN, CIS, COP, COT, EEL, ESI	CHM	Chemistry
Computer Service Courses	CGS, COP, ETG, ETI	CHS	Chemistry
Electrical Engineering	EEL, ELR	CIS	Computer Science & Engineering
Industrial and Management Systems	EIN, ESI	CJT	Criminology
Mechanical Engineering	EAS, EML	CLA	Classics, Religious Studies
<i>College of Fine Arts</i>		CLP	Psychology
Art	ARH, ART, FIL, PGY	CLT	Classics
Dance	DAA, DAE, DAN	COM	Communication, Women's Studies
Fine Arts Interdisciplinary	IDS	COP	Computer Service Courses, Computer Science & Engineering, Mathematics
Music	MUC, MUE, MUG, MUH, MUL, MUN, MUO, MUS, MUT, MVB, MVJ, MVK, MVP, MVS, MVV, MVW	COT	Computer Science & Engineering
Music Education	MUE	CPO	Africana Studies, Political Science
Theatre	THE, TPA, TPP	CRW	English
<i>College of Nursing</i>		CWR	Civil & Environmental Engineering
Nursing	HUN, NUR	DAA	Dance
		DAE	Dance
		DAN	Dance
		DEC	Distributive & Marketing Education
		DEP	Psychology
		EAS	Mechanical Engineering
		ECH	Mechanical Engineering
		ECO	Economics
		ECP	Economics
		ECS	Economics
		EDE	Elementary Education
		EDF	Psychological & Social Foundations, Measurement-Research
		EDG	Curriculum & Instruction, Education - General, Educational Leadership, Elementary Education, Theatre Education
		EDH	Higher Education
		EEC	Early Childhood Education
		EED	Special Education
		EEL	Computer Science & Engineering, Electrical Engineering
		EEX	Special Education
		EGI	Special Education
		EGM	Civil & Environmental Engineering
		EGN	Basic & Interdisciplinary Engineering
		EIA	Industrial & Technical Education
		EIN	Industrial & Management Systems Engineering
		EIV	Industrial & Technical Education
		ELD	Special Education
		ELR	Electrical Engineering
		EMA	Civil & Environmental Engineering
		EML	Mechanical Engineering
		EMR	Special Education
		ENC	English
		EME	Computers in Education
		ENG	English
		ENL	English
		ENS	Linguistics

Cross-Listing Departments/Programs Alphabetically by Prefix

Course

Prefix Department/Programs

ACG	Accounting
ADE	Adult Education
ADV	Mass Communications
AFA	Africana Studies, International Studies, Women's Studies
AFH	Africana Studies, History
AFR	Aerospace Studies (Air Force ROTC)
AFS	Africana Studies
AMH	Africana Studies, History, Women's Studies
AML	Africana Studies, English
AMS	Africana Studies, American Studies, Women's Studies
ANT	Africana Studies, Anthropology, Women's Studies
APB	Biology
ARA	Arabic (Language)
ARC	Architecture
ARE	Art Education, Elementary Education
ARH	Art History

ENV	Civil Engineering and Mechanics	MET	Geography
ENY	Biology	MGF	Mathematics
EPH	Special Education	MHF	Mathematics
ESI	Industrial & Management Systems Engineering	MHS	Psychological & Social Foundations of Education
ETG	Computer Service Courses	MIS	Military Science (Army ROTC)
ETI	Computer Service Courses	MLS	Medical Technology
EUH	History	MMC	Mass Communications
EUS	International Studies Program	MTG	Mathematics
EVR	Environmental Science & Policy	MUC	Music
EVT	Industrial & Technical Education	MUE	Elementary Education, Music Education
EXP	Psychology	MUG	Music
FIL	Art, Mass Communications	MUH	Music
FIN	Finance	MUL	Music
FLE	Foreign Language Education, French (Language)	MUN	Music
FOL	General Foreign Languages	MUO	Music
FRE	French (Language)	MUS	Music
FRW	French (Language)	MUT	Music
GEA	Geography	MVB	Music
GEB	Common Body of Knowledge, General Business Administration	MVJ	Music
GEO	Geography	MVK	Music
GER	German (Language)	MVP	Music
GET	German (Language)	MVS	Music
GEW	German (Language)	MVV	Music
GEY	Gerontology, Psychology	MWV	Music
GLY	Geology	NGR	Nursing
GMS	Medical Sciences, Medicine	NUR	Nursing
GRE	Greek (Classics), Religious Studies	OCB	Marine Science
GRK	Greek (Language)	OCC	Marine Science
GRW	Greek (Classics)	OCE	Geology, Marine Science
HBR	Hebrew (Language)	OCG	Geology, Marine Science
HEB	Religious Studies	OCP	Marine Science
HIS	History	ORI	Communication
HLP	Elementary Education, Physical Education - Elective	PAD	Public Administration
HSC	Public Health	PCB	Biology
HUM	Africana Studies, Bachelor of Independent Studies, Humanities	PEL	Physical Education - Elective
HUN	Nursing	PEM	Physical Education - Elective
HUS	Gerontology	PEN	Physical Education - Elective
IDH	Honors Program	PEP	Physical Education - Professional
IDS	Bachelor of Independent Studies, Cooperative Education, Fine Arts Interdisciplinary, Honors Program, Liberal Studies, Off-Campus Term	PEQ	Physical Education - Professional
INP	Psychology	PET	Physical Education - Elective, Physical Education - Professional
INR	Africana Studies, International Studies, Political Science	PGY	American Studies, Art, Mass Communications
ISC	Bachelor of Independent Studies	PHH	Philosophy
ISM	Information Systems & Decision Sciences	PHI	Africana Studies, Philosophy, Women's Studies
ISS	Africana Studies, Bachelor of Independent Studies, International Studies, Interdisciplinary Social Sciences	PHM	Africana Studies, Philosophy, Women's Studies
ITA	Italian (Language)	PHP	Philosophy
ITW	Italian (Language)	PHY	Physics
JOU	Mass Communications	PHZ	Physics
JPN	Japanese (Language)	POL	Polish (Language)
LAE	Elementary Education, English Education	POR	Portuguese (Language)
LAH	History	POS	Political Science, Women's Studies
LAS	International Studies	POT	Political Science
LAT	Latin (Classics)	PPE	Psychology
LIS	Library and Information Science	PSB	Psychology
LIT	English, Women's Studies	PSY	Psychology
LNW	Latin (Classics)	PUP	Africana Studies, Political Science, Women's Studies
MAA	Mathematics	PUR	Mass Communications
MAC	Mathematics	QMB	Information Systems & Decision Sciences
MAD	Mathematics	RCS	Rehabilitative Counseling
MAE	Elementary Education, Mathematics, Mathematics Education	REA	English
MAN	General Business Administration, Management	RED	Elementary Education, Reading Education
MAP	Mathematics	REE	Finance
MAR	Marketing	REL	Religious Studies, Women's Studies
MAS	Mathematics	RMI	Finance
MAT	Mathematics	RTV	Mass Communications
MCB	Biology	RUS	Russian (Language)
		RUT	Russian (Language)
		SCE	Elementary Education, Science Education
		SDS	Psychological & Social Foundations of Education
		SLS	Psychological & Social Foundations of Education
		SOP	Psychology, Women's Studies
		SOW	Social Work
		SPA	Communication Sciences & Disorders

SPC	Africana Studies, Communication
SPN	Spanish (Language)
SPS	Psychological & Social Foundations
SPT	Spanish (Language), Women's Studies
SPW	Spanish (Language)
SSE	Elementary Education, Social Science Education
STA	Mathematics, Interdisciplinary Social Sciences
SUR	Civil & Environmental Engineering
SYA	Sociology
SYD	Sociology, Women's Studies
SYG	Sociology
SYO	Sociology
SYP	Sociology
TAX	Accounting
THE	Theatre
TPA	Theatre
TPP	Theatre
TSL	Linguistics
TTE	Civil & Environmental Engineering
URP	Geography, Political Science
VIC	Mass Communications
WST	History, International Studies, Women's Studies
YOR	Yoruba (Language)
ZOO	Biology

COURSE LEVEL DEFINITION

Lower Level	0000-1999 Freshman Level
	2000-2999 Sophomore Level
Upper Level	3000-3999 Junior Level
	4000-4999 Senior Level
Graduate Level	5000-5999 Senior/Graduate Level
	6000-Up Graduate Level

FLORIDA'S STATEWIDE COURSE NUMBERING SYSTEM

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System (SCNS). This common numbering system is used by all public postsecondary institutions in Florida and by two participating private institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and assigns the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have meaning in the SCNS. The list of course prefixes and numbers, along with their generic titles, is referred to as the "SCNS taxonomy. Descriptions of the content of courses are referred to as "course equivalency profiles."

General Rule for Course Equivalencies: Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between the participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 31 different postsecondary institutions. Each institution uses "SYG_010" to identify its social problems course. The level code is the first digit and represents the year in which students normally take this course at a specific institution. In the SCNS taxonomy, "SYG" means "Sociology, General," the century digit "0" represents "Entry-Level General Sociology," the decade digit "1" represents "Survey Course," and the unit digit "0" represents "Social Problems."

In science and other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course that meets in the same place at the same time. The "L" represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is offered by the receiving institution and is identified by the same prefix and last three digits at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully completed SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed which have not been designated as equivalent.

Sometimes, as in Chemistry, a sequence of one or more courses must be completed at the same institution in order for the courses to be transferable to another institution, even if the course prefix and numbers are the same. This information is contained in the individual SCNS course equivalency profiles for each course in the sequence.

Course Prefix: The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix used to identify the course.

Authority for Acceptance of Equivalent Courses: State Board of Education Rule 6A-10.024(17), Florida Administrative Code, reads:

When a student transfers among institutions that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be equivalent to courses offered at the receiving institution and are entered in the course numbering system. Credit so awarded can be used by transfer students to satisfy requirements in these institutions on the same basis as native students.

Exceptions to the General Rule for Equivalency: The following courses are exceptions to the general rule for course equivalencies and may not be transferable. Transferability is at the discretion of the receiving institution:

- Courses in the _900-_999 series (e.g., ART 2905)
- Internships, practica, clinical experiences, and study abroad courses
- Performance or studio courses in Art, Dance, Theater, and Music
- Skills courses in Criminal Justice
- Graduate courses

College preparatory and vocational preparatory courses may not be used to meet degree requirements and are not transferable.

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to Office of the Dean, Undergraduate Studies, USF, SVC 2002, 4202 East Fowler Avenue, Tampa, FL 33620-6920, or the Florida Department of Education, Office of Postsecondary Education Coordination, 1101 Florida Education Center, Tallahassee, FL 32399-0400. Special reports and technical information may be requested by calling telephone number (904) 488-6402 or Suncom 278-6402.