



Transfer Guide Biology

Students who have completed the IAI (Illinois Articulation Initiative) or A.A. or A.S requirements have satisfied the general education requirements for USF except for Philosophy and Theology. A Maximum of 70 semester hours transfers to USF.

University of St. Francis	City Colleges of Chicago
Literacy	
College Writing I College Writing II Speech Communication	ENGLISH 101 Composition ENGLISH 102 Composition SPEECH 101 Fundamentals of Speech Communication
Literary Inquiry	
Introduction to Literature	LIT 110 Intro to Literature LIT 111 Poetry LIT 112 Drama LIT 113 Fiction LIT 116 American Literature LIT 117 American Literature LIT 118 English Literature LIT 128 Latin American Literature LIT 150 Women's Literature LIT 155 Literature and Film LIT 211 Shakespeare
Aesthetic Awareness	
One course (3 semester hours)	ART 103 Art Appreciation ART 131 General Drawing ART 132 Advanced General Drawing ART 144 2-D Design ART 145 3-D Design MUS 121 Intro to Music MUS 221 Music Literature & History THR ART 131 Introduction to Theater THR ART 133 Acting I THR ART 134 Theater Diversity in the U.S.
Humanities/Fine Arts	
One course (3 semester hours) in history, creative arts, or literature	Select one from the suggested literature, humanities/fine arts, history

Bigger thinking. Brighter purpose.



Numerical Understanding		
One course (3 semester hours): must be an approved course at a level above Intermediate Algebra *will be satisfied through major Course work.	MATH 118	General Education Math
	MATH 122	Math for Teachers II
	MATH 125	Introductory Statistics
	MATH 144	Finite Mathematics
	MATH 204	Calculus for Business
	MATH 207	Calculus/Analytic Geometry I
	MATH 208	Calculus/Analytic Geometry II
	MATH 209	Calculus/Analytic Geometry III
Scientific Inquiry		
One Course (3 semester hours) *will be satisfied through major Course work.	ASTRON 201	Descriptive Astronomy
	BIOLOGY 114	General Education Biology
	BIOLOGY 115	Human Biology
	BIOLOGY 119	Environmental Biology
	BIOLOGY 122	Biology II
	CHEM 121	Basic Chemistry I
	CHEM 201	General Chemistry I
	PHY SCI 101	General Physical Science
	PHY SCI 102	General Physical Science
	PHY SCI 111	General Physical Science
	PHY SCI 112	General Physical Science
	PHYSICS 221	Mechanics, Waves and Heat
Numerical/Scientific/Computer Science Inquiry		
One course (3 semester hours) numerical science, scientific inquiry or computer science *will be satisfied through major Course work.	Select one from the suggested mathematics, physical and life sciences or one of the following:	
	CIS 120	Intro to Microcomputers
	CIS 142	C-Based Programming
	CIS 144	Java-Based Programming
Historical Understanding		
One course (3 semester hours)	HISTORY 111	History of America to 1865
	HISTORY 112	History of America 1865 to pres
	HISTORY 141	History of Civilization to 1500
	HISTORY 142	History of Civilization from 1500
	HISTORY 215	History of Latin America
	HISTORY 225	Modern Middle East
	HISTORY 243	Far East in the Modern World
	HISTORY 247	African History to Colonial Period

Bigger thinking. Brighter purpose.



Social Awareness	
Two courses (6 semester hours) each from a different discipline in psychology, economics, geography, sociology, political science or recreation administration	ANTHRO 201 Intro to Bio & Cultural Evolution ANTHRO 202 Cultural Anthropology ANTHRO 205 Applied Anthropology ECON 201 Principles of Economics I ECON 202 Principles of Economics II GEOG 101 World Geography GEOG 201 Physical Geography POL SCI 201 National Government POL SCI 203 Comparative Government POL SCI 204 International Relations PSYCH 201 General Psychology PSYCH 207 Child Psychology PSYCH 211 Social Psychology PSYCH 214 Adolescent Psychology PSYCH 222 Adult Development and Aging PSYCH 224 Life Span Development SOC SCI 101 General Social Science SOC SCI 102 General Social Science Any foreign language
Philosophical Inquiry	
Two courses (6 semester hours): First course: Intro to Philosophy Second course:	PHIL 106 Introduction to Philosophy PHIL 105 Logic PHIL 107 Ethics PHIL 108 Philosophy of Religion
Religious Foundations	
Two courses (6 semester hours): First course: Introduction to Theology Second course:	Must be taken at USF
Biology	
BIOL 150 Fund of Ecology & Evolution BIOL 151 Beginning Investigative BIOL 160 Cell Biology	BIOLOGY 121 & BIOLOGY 122 combined *Must be taken at USF *Must be taken at USF

Bigger thinking. Brighter purpose.



BIOL 255 Genetics BIOL 345 Perspectives in Evolution BIOL 375 Adv. Investigative Exp, I BIOL 376 Adv, Investigative Exp. II BIOL 410 Senior Seminar CHEM 121/123 General Chem I w/lab CHEM 122/124 General Chem II w/lab CHEM 224/225 Organic Chem I w/lab PSCI 111 General Physics I One of the following: MATH 175 Statistics MATH 181 Calculus I MATH 170 Applied Calculus 5 Biology Electives (9 credits of upper division coursework)	*Must be taken at USF *Must be taken at USF *Must be taken at USF *Must be taken at USF *Must be taken at USF CHEM 201 General Chemistry I CHEM 203 General Chemistry II CHEM 205 Organic Chemistry I PHYSICS 231 General Physics I: Mech & Wave *Must be taken at USF MATH 207 Calculus & Analytic Geometry I MATH 204 Calculus for Busi & Soci Sci
---	---

Bigger thinking. Brighter purpose.