



Transfer Guide Biology/Secondary Ed

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	Morton College	
Literacy		
College Writing I College Writing II Speech Communication	ENG 101 ENG 102 SPE 101	Rhetoric I Rhetoric II Principles of Public Speaking
Literary Inquiry		
Introduction to Literature	ENG 211 ENG 215 ENG 216 ENG 218 ENG 219 ENG 220 ENG 221 ENG 225	Intro to Literature American Literature I American Literature II US Latino/Hispanic Literature African American Literature English Literature I English Literature II Introduction to Shakespeare
Aesthetic Awareness		
One course (3 semester hours)	ART 120 ART 125 ART 126 ART 127 ART 217 ART 220 MUS 100 MUS 101 MUS 102 MUS 103 MUS 105 MUS 106 MUS 108 THR 108 THR 110	Art Appreciation Art History I Art History II Art History III Tribal Art Latin American Traditions in Art Music Appreciation History of Music: Pre 20 th Cent History of Music: 20 th Century Music of Multicultural America Intro to American Music History of Jazz World Music Survey Theater Experience Introduction to Theater
Humanities/Fine Arts		

Bigger thinking. Brighter purpose.



One course (3 semester hours) in foreign language, history, creative arts, or literature	Select one literature, humanities/fine arts, history	
Numerical Understanding		
One course (3 semester hours): must be an approved course at a level above Intermediate Algebra	MAT 102	General Education Math
	MAT 121	Math for Teachers II
	MAT 124	Finite Mathematics
	MAT 141	Statistics
	MAT 181	Discrete Math
	MAT 201	Calculus I
	MAT 202	Calculus II
	MAT 203	Calculus III
	MAT 224	Calculus for Business
Scientific Inquiry		
One Course (3 semester hours)	BIO 100	Introducing Biology
	BIO 102	Introduction to Biology
	BIO 110	Biology-A Cellular Approach
	BIO 111	Biology – A Systems Approach
	BIO 150	Heredity and Society
	BIO 160	Plants and Society
	BIO 161	Plants and Society
	BIO 202	Environmental Biology
	CHM 105	General Chemistry I
	GEL101	Physical Geology
	PHS 100	Astronomy
	PHS 101	Physical Science I
	PHY 101	General Physics I
Numerical/Scientific/Computer Science Inquiry		
One course (3 semester hours) numerical science, scientific inquiry or computer science	Select one from the suggested mathematics, physical and life sciences or one of the following:	
	CPS 111	Business Computer Systems
Historical Understanding		

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One course (3 semester hours)	HIS 103 Early Western Civilization HIS 104 Modern Western Civilization HIS 105 American History to 1865 HIS 106 American History 1865 to present HIS 180 Perspectives On the Am. Family
Social Awareness	
Two courses (6 semester hours) each from a different discipline in psychology, economics, geography, sociology, political science or recreation administration	ANT 101 Introduction to Anthropology ANT 102 Intro to Cultural Anthropology ECO 103 Principles of Economics I (Macro) ECO 104 Principles of Economics II (Micro) GEG 105 World Regional Geography GEG 115 Economic Geography GEG 125 Geography of the Eastern World POL 201 US National Government POL 202 State & Local Government PSY 101 Intro to Psychology PSY 201 Social Psychology PSY 210 Child Growth & Development PSY 211 Adolescent Psychology PSY 215 Lifespan Development SOC 100 Introduction to Sociology SOC 101 Marriage and Family SOC 102 Social Problems SOC 201 Minority Group Relations Any Foreign Language
Philosophical Inquiry	
Two courses (6 semester hours):	PHI 126 Introduction to Ethics PHI 180 Social Ethics PHI 201 Philosophy PHI 202 Intro to Logic
Religious Foundations	

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Two courses (6 semester hours): First course: Intro to Theology	Must be taken at USF
Second course:	PHI 125 World Religions

Biology Major	
BIOL 150 Fund of Ecology and Evolution	BIO 111 A Systems Approach
BIOL 151 Beg. Investigative Experience in Biology	Must be taken at USF
BIOL 160 Cell Biology	Must be taken at USF
BIOL 211 Microbiology	BIO 212 Microbiology
BIOL 255 Genetics	Must be taken at USF
BIOL 322 Molecular Biology	Must be taken at USF
BIOL 310 or 331	Must be taken at USF
BIOL 360 Ethology & Behavior Ecology	Must be taken at USF
BIOL 345 Perspectives in Evolution	Must be taken at USF
BIOL 375 Adv Investigative Experiences in Biology	Must be taken at USF
BIOL 390 Methods of Teaching	Must be taken at USF
BIOL 410 Senior Seminar	Must be taken at USF
ENVS 120 Earth Science	Must be taken at USF
CHEM 121 General Chemistry I	CHM 105 General Chemistry I
CHEM 122 General Chemistry II	CHM 106 General Chemistry II
CHEM 224/225 Organic Chemistry I	CHM 205 Organic Chemistry I
CHEM 322/323 Biochemistry	Must be taken at USF
MATH 105 or 175 Statistics	MAT 141 Statistics
PSCI 111 General Physics I	PHY 101 General Physics I
PSCI 112 General Physics II	PHY 102 General Physics II

Education Major	
EDUC 210 Teaching in a Diverse Society*	EDU 100 Introduction to American Education*
EDUC 220 Educational Psychology	PSY 205 Educational Psychology
EDUC 230 Learners w/ Exceptional and Diverse Needs	Must be taken at USF

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EDUC 225 Technology for Teaching and Learning	Must be taken at USF
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