

Transfer Guide

For students transferring 30+ semester credit hours

Computer Science-Bachelor of Science

Lewis University	Joliet Junior College
Computer Science Core Courses	Computer Science Core Courses
MATH 24000 Applied Calculus	MATH 170 Calculus with Analytic Geometry I
MATH 30700 Applied Linear Algebra	MATH 210 Linear Algebra
MATH 31000 Discrete Math	MATH 137 Introduction to Discrete Math
CPSC 20000 Introduction to Computer Science	CIS 236 Programming in C
CPSC 21000 Programming Fundamentals	CIS 246 Advanced C Using C++
CPSC 24500 Object-Oriented Programming	CIS 261 Java Programming
CPSC 30000 Computer Organization	CIS 295 Computer Organization
CPSC 34000 Algorithms and Data Structures	<i>No Equivalency</i>
CPSC 35000 Operating Systems	<i>No Equivalency</i>
CPSC 46000 Programming Languages	<i>No Equivalency</i>
CPSC 48000 Communications and Networking	<i>No Equivalency</i>
Capstone Sequence:	
CPSC 44000 Software Engineering	<i>No Equivalency</i>
CPSC 49200 Software Systems Capstone	<i>No Equivalency</i>
OR	
CPSC 48500 Advanced Communications & Networking	<i>No Equivalency</i>
CPSC 49300 Computer Infrastructure Capstone	<i>No Equivalency</i>
CPSC 2XX Computer Science Elective	
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Choose four additional Computer Science courses at the 200 level or above.

General Education Requirements

Lewis University	Joliet Junior College
Communications	Communications
ENGL 11100 College Writing I	ENG 101 Rhetoric
ENGL 11200 College Writing II	ENG 102 Rhetoric II
COMM11200 Intro to Human Communication	SPCH 101 Principles of Speech
Fine Arts/Humanities	Fine Arts/ Humanities
<i>Three courses from at least two different disciplines:</i>	ART 109 Introduction to Visual Arts
	ART 115 Intro to Ancient & Medieval Art
	ART 116 Intro to Renaissance & Baroque Art
	ART 117 Introduction to Modern Art
	ENG 103 American Literature I
	ENG 104 American Literature II
	ENG 105 Survey of English Literature
	ENG 106 Survey of English Literature II
	ENG 109 Children's Literature
	ENG 190 Introduction of Film Study
	ENG 201 Introduction to Poetry
	ENG 202 Introduction to Fiction
	ENG 204 Introduction to Literature
	ENG 203 Introduction to Drama
	ENG 208 Masterpieces of Western Civilization
	ENG 209 Masterpieces of Western Civilization II

ENG 220	Non-Western Literature in Translation
ENG 221	Literature of Asia
ENG 250	Introduction to Shakespeare
ENG 260	Minority American Literature
ENG 270	Introduction to Women Writers
FRCH 104	Intermediate French II
HIST 105	History of Civilization I
HIST 106	History of Civilization II
HIST 200	History of Great Britain Since 1688
MUS 101	Exploration of Music Literature
MUS 102	Exploration of American Music
MUS 103	Evolution of Jazz
MUS 107	Music in World Cultures
PHIL 101	Introduction to Philosophy
PHIL 102	History of Philosophy
PHIL 104	Introduction to Logic
PHIL 105	Contemporary Moral Issues
PHIL 106	Philosophy of Religion
SOC 240	Introduction to Comparative Religions
SPAN 104	Intermediate Spanish II
THEA 101	Introduction to Theatre

Science	Science	
<i>Two courses from the following:</i>	ASTR 101	Descriptive Astronomy
	BIO 104	Biological Diversity
	BIO 105	Microbes and You
	BIO 106	Animals and Society
	BIO 107	Plants and Society
	BIO 125	Human Biology
	BIO 144	Introduction to Human Heredity
	BIO 146	Ecological Conservation
	BIO 149	Principles of Biology
	BIO 151	General Biology I
	BIO 152	General Biology II
	CHEM 100	General Chemistry I
	CHEM 101	General Chemistry II
	CHEM 104	Chemistry and Society
	GEOG 111	Physical Geography: Weather and Climate
	GEOG 112	Physical Geography: Landforms
	GEOL 101	Principles of Physical Geology
	PHSCI 125	Life in the Universe
	PHYS 100	Basic Physics
	PHYS 101	General Physics I
PHYS 110	Physics of Sound, Music, and Hearing	
PHYS 201	Engineering Physics I	
Social Science	Social Science	
<i>Three courses from at least two different disciplines:</i>	ANTH 101	Introduction to Anthropology
	ANTH 275	Cultural Anthropology
	ECON 103	Principles of Economics I (Macro)
	ECON 104	Principles of Economics II (Micro)
	GEOG 102	World Regional Geography
	GEOG 104	Introductory Economics Geography
	GEOG 106	Cultural Geography
	HIST 103	History of the United States to 1865
	HIST 104	History of the United States 1865 to Present
	HIST 107	World History to 1500
	HIST 108	World History Since 1500
	HIST 260	History of the Middle East
	HIST 290	History of Africa
	PSCI 101	American National Government
	PSCI 102	American State and Local Government
	PSCI 103	Introduction to Comparative Government
	PSYC 101	Introduction to Psychology
	PSYC 208	Social Psychology
	PSYC 209	Child Psychology
	PSYC 210	Child and Adolescent Development
	PSYC 215	Life Span: A Survey of Human Development
	SOC 101	Introduction to Sociology
	SOC 220	Sex, Gender and Power
	SOC 270	Marriage and Family
	SOC 280	Sociology of Social Problems

Math	Math	
<i>Math requirement fulfilled by Calculus I</i>	MATH 170	Calculus and Analytic Geometry
Mission Related	Mission Related	
<i>3 Courses (9 semester hours) from the following:</i> Action & Values Theology 100 Level Course Theology 200 Level Course Cultural Diversity	<i>Please note: 2 Mission Courses Must Be Taken at Lewis University.</i> PHIL 103 Introduction to Ethics <i>No equivalency</i> <i>No equivalency</i> SOC 290 Cultural Diversity in America	

- Students certified in the General Education Curriculum under the **Illinois Articulation Initiative (IAI)** have only to complete the required Mission Related Courses (9 hours) to meet the Lewis University General Education Requirements.
- Students who transfer without IAI certification will have their transcripts evaluated on a course by course basis and must fulfill the above requirements.
- Students who transfer to Lewis University with fewer than 30 semester hours will have to meet the following requirements:
 - Complete 3 hours from each of the 5 Fine Arts / Humanities categories, totaling 15 semester hours.
 - Complete Macroeconomics (3 hours) as part of the 9 hours required in the Social Science category.
 - Complete 12 semester hours from all four Mission Related categories.
- Transfer courses that are college-level (non-remedial) that do not meet the Lewis University General Education or Major Requirements will be accepted as elective credit.
- A student may transfer in a maximum of 72 semester hours from community colleges.