

Program Transfer Guide

Central Texas College District Associate in Applied Science (AAS) in

INFORMATION TECHNOLOGY

→ **UIU Bachelor of Science (BS) in**

INFORMATION TECHNOLOGY

JANUARY 2020



Years 1 & 2 at Central Texas College District:

CTCD Program Course Sequence			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
Semester 1						
COSC 1301	Introduction to Computing	3	CS 102	Intro to Computer Applications & Technology	3	Gen Ed Comp. Skills
ITSC 1309	Integrated Software Appls I	3	---	---	3	Free Elective
ITSC 1325 OR CPMT 1345	Personal Computer Hardware Computer Systems Maintenance	3 OR 3	CS 122	IT Infrastructure *	3	Major
ENGL 1301	Composition I	3	ENG 101	English Composition I *	3	Gen Ed Comm./Wrtn
MATH 1314	College Algebra	3	MATH 107	College Algebra *	3	Gen Ed Math & Prereq
Semester 2						
ITSC 1405	Intro. to PC Operating Systems	4	CS 213	Operating Systems *	4	Major
ITNW 1337	Introduction to the Internet	3	---	---	3	Free Elective
ITNW 1325	Fundamentals of Networking Technologies	3	---	---	3	Free Elective
SPCH 1318	Interpersonal Communication	3	---	---	3	Free Elective
ITSY 1342	Information Technology Security	3	---	---	3	Free Elective
Semester 3						
ITNW 1316	Network Administration	3	---	---	3	Free Elective
ITSC 1415	Project Management Software	4	CS 130	Foundations of Info Sys *	4	Major
IMED 1316	Web Design I	3	---	---	3	Free Elective
ITSE 1329 OR COSC 1315	Programming Logic & Design Intro Computer Programming	3 OR 3	---	---	3 OR 3	Free Elective
PSYC 2301 OR PSYC 2315 OR SOC 1301	General Psychology Psychology of Adjustment Introduction to Sociology	3 OR 3 OR 3	PSY 190 PSY 201 SOC 110	General Psychology Adjustment Principles of Sociology	3 OR 3 OR 3	Gen Ed Soc. Sci. Gen Ed Soc. Sci. Gen Ed Soc. Sci.
Semester 4						
ITSE 1302 OR COSC 1336	Computer Programming Programming Fundamentals I	3 OR 3	CS 140	Intro to Programing *	3	Major
ITSW 1307	Introduction to Database	3	---	---	3	Free Elective
Creative Arts Electives		3	---	---	3	Gen Ed Arts/Humn.
ITSC 2435 OR ITSC 2486	Application Software Problem Solving Internship - Computer and Information Sciences, General	4 OR 4	---	---	4 OR 4	Free Elective
Total occupational course credits earned:		60	Total course credits accepted:		60	
Total credits required for graduation:		60				
Total transferable credits#:		60				

*UIU recommendations are **bolded**.*

Years 3 & 4 at Upper Iowa University:

UIU Program Course List		# Cr	Requirement Fulfilled	Transferred In
General Education Courses				
	<i>any Gen Ed in Arts/Humanities</i>	3	<i>Gen Ed Arts/Humanities</i>	<i>Creative Arts Electives</i>
	any Gen Ed in Arts/Humanities	3	Gen Ed Arts/Humanities	---
ENG 101	<i>English Composition I</i>	3	<i>Gen Ed Comm./Wrtn</i>	<i>ENGL 1301</i>
ENG 102	English Composition II	3	Gen Ed Comm./Wrtn	---
COMM 105	Public Speaking	3	Gen Ed Comm./Oral	---
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	---
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	---
	<i>any Gen Ed in Social Science</i>	3	<i>Gen Ed Social Science</i>	<i>PSYC 2301, PSYC 2315 or SOCI 1301</i>
	any Gen Ed in Social Science	3	Gen Ed Social Science	---
	any Gen Ed in Cultures	3	Gen Ed Cultures	---
Prerequisites				
MATH 107	<i>College Algebra*</i>	3	<i>Gen Ed Mathematics</i>	<i>MATH 1314</i>
Major Courses				
CS 102	<i>Intro Computer Applications & Technology</i>	3	<i>Gen Ed Computer Skills & Major</i>	<i>COSC 1301</i>
MATH 115	Trigonometry and Analytic Geometry*	3	Major	---
CS 122	<i>IT Infrastructure</i>	4	<i>Major</i>	<i>ITSC 1325 or CPMT 1345</i>
CS 130	<i>Foundations of Information Systems</i>	3	<i>Major</i>	<i>ITSC 1415</i>
CS 140	<i>Introduction to Programing</i>	4	<i>Major</i>	<i>ITSE 1302 & COSC 1336</i>
CS 206	Computer Architecture	4	Major	---
CS 213	<i>Operating Systems</i>	4	<i>Major</i>	<i>ITSC 1405</i>
MATH 220	Elementary Statistics	3	Major	---
IT 311	Networking*	4	Major	---
IT 320	Web Systems and System Integration*	4	Major	---
CS 332	Databases & Information Management*	3	Major	---
CS 342	Human Computer Interaction*	3	Major	---
CS 400	Project Management and Integration*	4	Major	---
IT 410	Information and System Security*	3	Major	---
CS 480	Senior Capstone I*	1	Major	---
CS 481	Senior Capstone II*	2	Major	---
Upper-division Electives (<i>from list below</i>)		6	Major	---
Total additional credits needed at UIU to complete degree:		61		
Total transferable credits from CTCD:		60		
Total Earned Credits:		121		

Courses to be taken at Upper Iowa University

Information Technology Elective Options at UIU	
Cyber Security & Computer Forensics (SEC) Specialization Electives	
IT 360	Computer Forensics and Incident Response
IT 420	System Security and Risks
Network Management (NET) Specialization Electives	
IT 348	Advanced Networks
IT 370	Network Management
Other IT Electives	
IT 499	Special Project

Information Technology Elective Options at UIU (cont.)

Non-IT Electives

SE 300	Data Structures and Algorithms •
IS 310	Systems Analysis and Design •
SE 310	Software Application and Interface Design •
IS 320	Enterprise Architecture •
IS 410	IS Strategy, Management, and Acquisition •
SE 410	Software Testing, Validation and Verification •

~~ NOTES ~~

LEGEND:

- #Transfer grades lower than a C- will not be accepted.
- @ indicates both courses are required to meet this course, else if only part of this combination is taken, all courses would be considered free electives.
- • Course has a prerequisite.
- **Bolded** text indicates UIU recommendations.
- *Grayed out text* indicates courses fulfilled through transfer. Strikethrough indicates specific course if within grouping.

A minimum of 120 semester credits is required for a baccalaureate degree; up to 78 lower-division college semester credits from Central Texas College District. A minimum of 30 credits must be upper-division credits for a UIU baccalaureate degree; lower-division transfer work from Central Texas College District does not contribute to the upper-division credit requirement at UIU.

This program transfer guide is based on the November 2019 course-to-course articulation (UIU 2019-2020 catalog & CTCD 2019-2020 catalog).

Every effort has been made to ensure the accuracy and completeness of this program articulation. The office of the Registrar of Upper Iowa University reserves the right to make corrections, additions, and deletions as necessary.

Elective Transfer Table

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Creative Arts Electives						
ARTS 1303	Art History I	3	ART 211	Art History I	3	Gen Ed Arts/Humn.
ARTS 1304	Art History II	3	ART 212	Art History II	3	Gen Ed Arts/Humn.
DRAM 1310	Introduction to Theater	3	THE 110	Introduction to Theatre	3	Gen Ed Arts/Humn.
DRAM 2366	Introduction to Cinema	3	COMM 290	The Movies (also ENG 290)	3	Gen Ed Arts/Humn.
HUMA 1315	Fine Arts Appreciation	3	---	---	3	Gen Ed Arts/Humn.
MUSI 1306	Music Appreciation	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.

Maximize Your Transfer to UIU

Take up to 18 credits to fulfill general education and major requirements.

Choose up to 18 additional credits at Central Texas College District to transfer into Upper Iowa University to fulfill general education and major requirements. View the Additional Elective Transfer Guide list below for course selection and recommendations. Talk with your advisors to ensure additional courses will fit with your degree plan and financial aid requirements.

Choose up to 18 credits from the following areas:

- Arts/Humanities General Education Requirement – up to 3 credits
- Communication (Written) General Education Requirement – up to 3 credits
- Communication (Oral) General Education Requirement – up to 3 credits
- Natural Science General Education Requirement – up to 6 credits
- Social Science General Education Requirement – up to 3 credits
- Cultures General Education Requirement – up to 3 credits
- Major/Business Core – up to 15 credits

LEGEND:

- **Bolded** text indicates UIU recommendations
- • Course has a prerequisite

<i>Additional Elective Transfer Guide</i>						
CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement						
ARAB 1411	Beginning Arabic I	4	---	---	4	Gen Ed Arts/Humn.
ARAB 1412	Beginning Arabic II	4	---	---	4	Gen Ed Arts/Humn.
ARAB 2311	Intermediate Arabic I	3	---	---	3	Gen Ed Arts/Humn.
ARAB 2312	Intermediate Arabic II	3	---	---	3	Gen Ed Arts/Humn.
ARTC 2313	Digital Publishing II	3	GRAF 335	Publication Design •	3	Gen Ed Arts/Humn.
ARTC 2333	Publication Design	3	GRAF 335	Publication Design •	3	Gen Ed Arts/Humn.
ARTS 1303	Art History I	3	ART 211	Art History I	3	Gen Ed Arts/Humn.
ARTS 1304	Art History II	3	ART 212	Art History II	3	Gen Ed Arts/Humn.
ARTS 1311	Design I	3	ART 109	Two Dimensional Foundations	3	Gen Ed Arts/Humn.
ARTS 1312	Design II	3	ART 120	Three Dimensional Foundations	3	Gen Ed Arts/Humn.
ARTS 1316	Drawing I	3	ART 110	Drawing	3	Gen Ed Arts/Humn.
ARTS 1317	Drawing II	3	ART 210	Intermediate Drawing •	3	Gen Ed Arts/Humn.
ARTS 2311	Design III	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2313	Design Communications I	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2316	Painting I	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2317	Painting II	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2341	Art Metals I	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2346	Ceramics I	3	ART 222	Ceramics/Hand Building	3	Gen Ed Arts/Humn.
ARTS 2347	Ceramics II	3	ART 223	Ceramics/Wheel Throwing	3	Gen Ed Arts/Humn.
ARTS 2356	Photography I	3	---	---	3	Gen Ed Arts/Humn.
ARTS 2357	Photography II	3	GRAF 218	Digital Photography and Editing	3	Gen Ed Arts/Humn.
CHIN 1411	Beginning Chinese I	4	---	---	4	Gen Ed Arts/Humn.
CHIN 1412	Beginning Chinese II	4	---	---	4	Gen Ed Arts/Humn.
CHIN 2311	Intermediate Chinese I	3	---	---	3	Gen Ed Arts/Humn.

Additional Elective Transfer Guide (cont.)

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement (cont.)						
CHIN 2312	Intermediate Chinese II	3	---	---	3	Gen Ed Arts/Humn.
COMM 2366	Introduction to Cinema	3	COMM 290	The Movies (also ENG 290)	3	Gen Ed Arts/Humn.
DRAM 1310	Introduction to Theater	3	THE 110	Introduction to Theatre	3	Gen Ed Arts/Humn.
DRAM 1352	Acting II	3	---	---	3	Gen Ed Arts/Humn.
DRAM 2366	Introduction to Cinema	3	COMM 290	The Movies (also ENG 290)	3	Gen Ed Arts/Humn.
ENGL 2307	Creative Writing I	3	ENG 170	Intro to Creative Writing •	3	Gen Ed Arts/Humn.
ENGL 2322	British Literature I	3	ENG 211	British Literature I	3	Gen Ed Arts/Humn.
ENGL 2323	British Literature II	3	ENG 212	British Literature II	3	Gen Ed Arts/Humn.
ENGL 2327	American Literature I	3	ENG 209	American Literature I	3	Gen Ed Arts/Humn.
ENGL 2328	American Literature II	3	ENG 210	American Literature II	3	Gen Ed Arts/Humn.
ENGL 2332	World Literature I	3	---	---	3	Gen Ed Arts/Humn.
ENGL 2333	World Literature II	3	ENG 214	World Literature Survey	3	Gen Ed Arts/Humn.
FREN 1411	Beginning French I	4	---	---	4	Gen Ed Arts/Humn.
FREN 1412	Beginning French II	4	---	---	4	Gen Ed Arts/Humn.
FREN 2311	Intermediate French I	3	---	---	3	Gen Ed Arts/Humn.
FREN 2312	Intermediate French II	3	---	---	3	Gen Ed Arts/Humn.
GERM 1411	Beginning German I	4	---	---	4	Gen Ed Arts/Humn.
GERM 1412	Beginning German II	4	---	---	4	Gen Ed Arts/Humn.
GERM 2311	Intermediate German I	3	---	---	3	Gen Ed Arts/Humn.
GERM 2312	Intermediate German II	3	---	---	3	Gen Ed Arts/Humn.
HIND 1411	Beginning Hindi I	4	---	---	4	Gen Ed Arts/Humn.
HIND 1412	Beginning Hindi II	4	---	---	4	Gen Ed Arts/Humn.
HIND 2311	Intermediate Hindi I	3	---	---	3	Gen Ed Arts/Humn.
HIND 2312	Intermediate Hindi II	3	---	---	3	Gen Ed Arts/Humn.
HUMA 1315	Fine Arts Appreciation	3	---	---	3	Gen Ed Arts/Humn.
INDO 1411	Beginning Indonesian I	4	---	---	4	Gen Ed Arts/Humn.
INDO 1412	Beginning Indonesian II	4	---	---	4	Gen Ed Arts/Humn.
INDO 2311	Intermediate Indonesian I	3	---	---	3	Gen Ed Arts/Humn.
INDO 2312	Intermediate Indonesian II	3	---	---	3	Gen Ed Arts/Humn.
ITAL 1411	Beginning Italian I	4	---	---	4	Gen Ed Arts/Humn.
ITAL 1412	Beginning Italian II	4	---	---	4	Gen Ed Arts/Humn.
ITAL 2311	Intermediate Italian I	3	---	---	3	Gen Ed Arts/Humn.
ITAL 2312	Intermediate Italian II	3	---	---	3	Gen Ed Arts/Humn.
JAPN 1411	Beginning Japanese I	4	---	---	4	Gen Ed Arts/Humn.
JAPN 1412	Beginning Japanese II	4	---	---	4	Gen Ed Arts/Humn.
JAPN 2311	Intermediate Japanese I	3	---	---	3	Gen Ed Arts/Humn.
JAPN 2312	Intermediate Japanese II	3	---	---	3	Gen Ed Arts/Humn.
KORE 1411	Beginning Korean I	4	---	---	4	Gen Ed Arts/Humn.
KORE 1412	Beginning Korean II	4	---	---	4	Gen Ed Arts/Humn.
KORE 2311	Intermediate Korean I	3	---	---	3	Gen Ed Arts/Humn.
KORE 2312	Intermediate Korean II	3	---	---	3	Gen Ed Arts/Humn.
MUSI 1303	Fundamentals of Music	3	---	---	3	Gen Ed Arts/Humn.
MUSI 1304	Foundations of Music	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.
MUSI 1306	Music Appreciation	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.
MUSI 1307	Music Literature	3	---	---	3	Gen Ed Arts/Humn.
MUSI 1311	Music Theory I	3	---	---	3	Gen Ed Arts/Humn.
MUSI 1312	Music Theory II	3	---	---	3	Gen Ed Arts/Humn.
MUSI 2311	Music Theory III	3	---	---	3	Gen Ed Arts/Humn.
MUSI 2312	Music Theory IV	3	---	---	3	Gen Ed Arts/Humn.

Additional Elective Transfer Guide (cont.)

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement (cont.)						
PASH 1411	Beginning Pashtu I	4	---	---	4	Gen Ed Arts/Humn.
PASH 1412	Beginning Pashtu II	4	---	---	4	Gen Ed Arts/Humn.
PASH 2311	Intermediate Pashtu I	3	---	---	3	Gen Ed Arts/Humn.
PASH 2312	Intermediate Pashtu II	3	---	---	3	Gen Ed Arts/Humn.
PERS 1411	Beginning Persian-Iranian/Afghan I	4	---	---	4	Gen Ed Arts/Humn.
PERS 1412	Beginning Persian-Iranian/Afghan II	4	---	---	4	Gen Ed Arts/Humn.
PERS 2311	Intermediate Persian-Iranian/Afghan I	3	---	---	3	Gen Ed Arts/Humn.
PERS 2312	Intermediate Persian-Iranian/Afghan II	3	---	---	3	Gen Ed Arts/Humn.
PHIL 1301	Introduction to Philosophy	3	PHIL 150	Intro to Philosophy	3	Gen Ed Arts/Humn.
PHIL 1304	Introduction to World Religions	3	REL 120	Intro to World Religions	3	Gen Ed Arts/Humn.
PHIL 2303	Introduction to Logic	3	---	---	3	Gen Ed Arts/Humn.
PHIL 2306	Introduction to Ethics	3	PHIL 202	Contemporary Ethics	3	Gen Ed Arts/Humn.
PHIL 2321	Philosophy of Religion	3	---	---	3	Gen Ed Arts/Humn.
PORT 1411	Beginning Portuguese I	4	---	---	4	Gen Ed Arts/Humn.
PORT 1412	Beginning Portuguese II	4	---	---	4	Gen Ed Arts/Humn.
PORT 2311	Intermediate Portuguese I	3	---	---	3	Gen Ed Arts/Humn.
PORT 2312	Intermediate Portuguese II	3	---	---	3	Gen Ed Arts/Humn.
PUNJ 1411	Beginning Punjabi I	4	---	---	4	Gen Ed Arts/Humn.
PUNJ 1412	Beginning Punjabi II	4	---	---	4	Gen Ed Arts/Humn.
PUNJ 2311	Intermediate Punjabi I	3	---	---	3	Gen Ed Arts/Humn.
PUNJ 2312	Intermediate Punjabi II	3	---	---	3	Gen Ed Arts/Humn.
RUSS 1411	Beginning Russian I	4	---	---	4	Gen Ed Arts/Humn.
RUSS 1412	Beginning Russian II	4	---	---	4	Gen Ed Arts/Humn.
RUSS 2311	Intermediate Russian I	3	---	---	3	Gen Ed Arts/Humn.
RUSS 2312	Intermediate Russian II	3	---	---	3	Gen Ed Arts/Humn.
SPAN 1411	Beginning Spanish I	4	SPN 101	Beginning Spanish I	4	Gen Ed Arts/Humn.
SPAN 1412	Beginning Spanish II	4	SPN 102	Beginning Spanish II •	4	Gen Ed Arts/Humn.
SPAN 2311	Intermediate Spanish I	3	SPN 201	Intermediate Spanish I •	3	Gen Ed Arts/Humn.
SPAN 2312	Intermediate Spanish II	3	SPN 202	Intermediate Spanish II •	3	Gen Ed Arts/Humn.
TURK 1411	Beginning Turkish I	4	---	---	4	Gen Ed Arts/Humn.
TURK 1412	Beginning Turkish II	4	---	---	4	Gen Ed Arts/Humn.
TURK 2311	Intermediate Turkish I	3	---	---	3	Gen Ed Arts/Humn.
TURK 2312	Intermediate Turkish II	3	---	---	3	Gen Ed Arts/Humn.
URDU 1411	Beginning Urdu I	4	---	---	4	Gen Ed Arts/Humn.
URDU 1412	Beginning Urdu II	4	---	---	4	Gen Ed Arts/Humn.
URDU 2311	Intermediate Urdu I	3	---	---	3	Gen Ed Arts/Humn.
URDU 2312	Intermediate Urdu II	3	---	---	3	Gen Ed Arts/Humn.
Communication (Written) General Education Requirement						
ENGL 1302	Composition II	3	ENG 102	English Composition II •	3	Gen Ed Comm./Wrtn
Communication (Oral) General Education Requirement						
SPCH 1315	Public Speaking	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral

Additional Elective Transfer Guide (cont.)

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Cultures General Education Requirement						
ANTH 2346	General Anthropology	3	---	---	3	Gen Ed Cultures
ANTH 2351	Cultural Anthropology	3	ANTH 110	Introduction to Cultural Anthropology	3	Gen Ed Cultures or Gen Ed Soc. Sci.
SOCI 2319	Minority Studies	3	SOC 240	Diversity in the United States	3	Gen Ed Cultures or Gen Ed Soc. Sci.
Natural Science General Education Requirement						
AGCR 2318	Soil Science	3	ES 220	Soil and Water Conservation	3	Gen Ed Nat. Sci.
ANTH 2301	Physical Anthropology	3	---	---	3	Gen Ed Nat. Sci.
BIOL 1322	Nutrition and Diet Therapy I	3	BIO 165	Human Biology and Nutrition	3	Gen Ed Nat. Sci.
BIOL 1406	Biology for Science Majors I	4	BIO 135	Principles of Biology I	4	Gen Ed Nat. Sci.
BIOL 1407	Biology for Science Majors II	4	BIO 140	Principles of Biology II ●	4	Gen Ed Nat. Sci.
BIOL 1408	Biology for Non-Science Majors I	4	BIO 100	General Biological Science	4	Gen Ed Nat. Sci.
BIOL 1411	General Botany	4	BIO 231	General Botany ●	4	Gen Ed Nat. Sci.
BIOL 1413	General Zoology	4	BIO 220	Zoology ●	4	Gen Ed Nat. Sci.
BIOL 2401	Anatomy and Physiology I	4	BIO 270	Human Anatomy and Physiology I ●	4	Gen Ed Nat. Sci.
BIOL 2420	Microbiology for Non-Science Majors	4	---	---	4	Gen Ed Nat. Sci.
BIOL 2421	Microbiology for Science Majors	4	BIO 210	Microbiology ●	4	Gen Ed Nat. Sci.
CHEM 1406	Introductory Chemistry I	4	CHEM 140	Chemistry for Everyday Life	4	Gen Ed Nat. Sci.
CHEM 1407	Introductory Chemistry II	4	---	---	4	Gen Ed Nat. Sci.
CHEM 1411	General Chemistry I	4	CHEM 151	General Chemistry I	4	Gen Ed Nat. Sci.
CHEM 1412	General Chemistry II	4	CHEM 152	General Chemistry II ●	4	Gen Ed Nat. Sci.
ENVR 1401	Environmental Science I	4	ES 161	Introduction to Environmental Science	4	Gen Ed Nat. Sci.
FIRT 1333	Fire Chemistry I	3	---	---	3	Gen Ed Nat. Sci.
GEOL 1403	Physical Geology	4	ES 100	Introduction to Geology	4	Gen Ed Nat. Sci.
GEOL 1404	Historical Geology	4	---	---	4	Gen Ed Nat. Sci.
GEOL 1405	Environmental Science	4	---	---	4	Gen Ed Nat. Sci.
PHYS 1401	College Physics I	4	PHY 111 & PHY 112	Introductory Physics I (3) & Introductory Physics Laboratory I (1)	4	Gen Ed Nat. Sci.
PHYS 1402	College Physics II	4	PHY 113 & PHY 114	Introductory Physics II (3) & Introductory Physics Laboratory II (1) ●	4	Gen Ed Nat. Sci.
PHYS 1403	Stars and Galaxies	4	PHY 110	Introduction to Astronomy	4	Gen Ed Nat. Sci.
PHYS 1404	Solar System	4	PHY 110	Introduction to Astronomy	4	Gen Ed Nat. Sci.
PHYS 1415	Physical Science I	4	---	---	4	Gen Ed Nat. Sci.
PHYS 2425	University Physics I	4	---	---	4	Gen Ed Nat. Sci.
PHYS 2426	University Physics II	4	---	---	4	Gen Ed Nat. Sci.
GEOG 1301	Physical Geography	3	GEOG 100	Introduction to Physical Geography	3	Gen Ed Nat. Sci. or Gen Ed Soc. Sci.

Additional Elective Transfer Guide (cont.)

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Social Science General Education Requirement						
ANTH 2351	Cultural Anthropology	3	ANTH 110	Introduction to Cultural Anthropology	3	Gen Ed Cultures or Gen Ed Soc. Sci.
SOCI 2319	Minority Studies	3	SOC 240	Diversity in the United States	3	Gen Ed Cultures or Gen Ed Soc. Sci.
GEOG 1301	Physical Geography	3	GEOG 100	Introduction to Physical Geography	3	Gen Ed Nat. Sci. or Gen Ed Soc. Sci.
CDEC 1354	Child Growth & Development	3	PSY 212	Developmental Psychology: Birth to Adolescence ●	3	Gen Ed Soc. Sci.
CJSA 1312	Crime in America	3	---	---	3	Gen Ed Soc. Sci.
CJSA 1313	Court Systems and Practices	3	---	---	3	Gen Ed Soc. Sci.
CJSA 1322	Introduction to Criminal Justice	3	CJ 224	Intro to Criminal Justice	3	Gen Ed Soc. Sci.
CRIJ 1301	Introduction to Criminal Justice	3	CJ 224	Intro to Criminal Justice	3	Gen Ed Soc. Sci.
DAAC 2354	Dynamics of Group Counseling	3	PSY 232	Group Dynamics (also SOC 232)	3	Gen Ed Soc. Sci.
ECON 2301	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics ●	3	Gen Ed Soc. Sci.
ECON 2302	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	Gen Ed Soc. Sci.
GEOG 1302	Human Geography	3	---	---	3	Gen Ed Soc. Sci.
GEOG 1303	World Regional Geography	3	GEOG 200	World Regional Geography	3	Gen Ed Soc. Sci.
GOVT 2304	Introduction to Political Science	3	---	---	3	Gen Ed Soc. Sci.
GOVT 2305	Federal Government	3	PS 100	U.S. Government	3	Gen Ed Soc. Sci.
GOVT 2306	Texas Government	3	---	---	3	Gen Ed Soc. Sci.
HIST 1301	United States History I	3	HIST 110	American History to 1877	3	Gen Ed Soc. Sci.
HIST 1302	United States History II	3	HIST 111	American History Since 1877	3	Gen Ed Soc. Sci.
HIST 2301	Texas History	3	---	---	3	Gen Ed Soc. Sci.
HIST 2311	Western Civilization I	3	---	---	3	Gen Ed Soc. Sci.
HIST 2312	Western Civilization II	3	---	---	3	Gen Ed Soc. Sci.
HIST 2381	African-American History	3	HIST 330	African American History	3	Gen Ed Soc. Sci.
HRPO 1311	Human Relations	3	---	---	3	Gen Ed Soc. Sci.
PSYC 1300	Learning Framework	3	---	---	3	Gen Ed Soc. Sci.
PSYC 2301	General Psychology	3	PSY 190	General Psychology	3	Gen Ed Soc. Sci.
PSYC 2308	Child Psychology	3	PSY 212	Developmental Psychology: Birth to Adolescence ●	3	Gen Ed Soc. Sci.
PSYC 2314	Life Span Growth and Development	3	EDU 142	Human Growth, Development and Guidance	3	Gen Ed Soc. Sci.
PSYC 2315	Psychology of Adjustment	3	PSY 201	Adjustment	3	Gen Ed Soc. Sci.
PSYT 2321	Crisis Intervention	3	---	---	3	Gen Ed Soc. Sci.
PSYT 2345	Principles of Behavior Management and Modification	3	---	---	3	Gen Ed Soc. Sci.
SOCI 1301	Introduction to Sociology	3	SOC 110	Principles of Sociology	3	Gen Ed Soc. Sci.
SOCI 1306	Social Problems	3	SOC 220	Social Problems	3	Gen Ed Soc. Sci.
TECA 1354	Child Growth & Development	3	PSY 212	Developmental Psychology: Birth to Adolescence ●	3	Gen Ed Soc. Sci.

Additional Elective Transfer Guide (cont.)

CTCD ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Major Elective Requirement						
MATH 2412	Precalculus Math	4	MATH 115	Trigonometry and Analytic Geometry •	4	Major
COSC 2325	Computer Organization	3	CS 206	Computer Architecture •	3	Major
MATH 1342	Elementary Statistical Methods	3	MATH 220	Elementary Statistics •	3	Major
ITCC 1314	CCNA 1: Intro to Networks	3	IT 311	Networking •@ <i>(Requires both ITCC 1314 & ITCC 1340)</i>	3	Major
AND		AND			AND	
ITCC 1340	CCNA 2: Routing & Switching Essentials	3	---	---	3	Free Elective