

Program Transfer Guide

**Des Moines Area Community College Associate of Applied Science
(AAS) in**

GRAPHIC DESIGN

→ **UIU Bachelor of Science (BS) in**

GRAPHIC DESIGN

FEBRUARY 2020



EDUCATION BUILT FOR LIFE

Years 1 & 2 at Des Moines Area Community College:

DMACC Program Course Sequence			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
Semester 1						
SDV 108	The College Experience	1	---	---	1	Free Elective
GRT 404	Intro to Visual Communications	2	---	---	2	Free Elective
GRD 415	InDesign I	3	---	---	3	Free Elective
GRD 410	Illustration I	3	---	---	3	Free Elective
GRD 459	Illustrator	3	---	---	3	Free Elective
ENG 105 OR Communications Elective	Composition I (<i>Elective</i>)	3 OR 3	ENG 101 ---	English Composition I * <i>See Elective Table</i>	3 OR 3	Gen Ed Comm./Wrtn <i>See Elective Table</i>
Semester 2						
GRD 403	Communication Design I	3	---	---	3	Free Elective
GRD 405	Typography I	3	GRAF355	Typography	3	Major
GRD 430	InDesign II	3	---	---	3	Free Elective
GRD 463	Photoshop	3	---	---	3	Free Elective
MAT 121 OR Math Elective	College Algebra (<i>Elective</i>)	4 OR 3	MATH 107 ---	College Algebra * <i>See Elective Table</i>	4 OR 3	Gen Ed Mathematics <i>See Elective Table</i>
Semester 3						
GRD 411	Communication Design II	3	---	---	3	Free Elective
GRD 470	Interactive Media I	3	---	---	3	Free Elective
WDV 101	Intro HTML and CSS	3	---	---	3	Free Elective
Social & Behavioral Sciences Elective		3	---	<i>See Electives Table</i>	3	<i>See Elective Table</i>
Semester 4						
GRD 305	Screen Printing Methods	3	---	---	3	Free Elective
GRD 404	Typography II	3	---	---	3	Free Elective
GRD 421	Internship Preparation	3	---	---	3	Free Elective
GRD 426	Communication Design III	3	---	---	3	Free Elective
GRD 471	Interactive Media II	3	---	---	3	Free Elective
SPC 101 OR SPC 122 OR Distributed Elective	Fund of Oral Communication (<i>Elective</i>) Interpersonal Communication (<i>Elective</i>)	3 OR 3 OR 3	COMM 105 COMM 200 ---	Public Speaking Interpersonal Communication <i>See Elective Table</i>	3 OR 3 OR 3	Gen Ed Comm./Oral Gen Ed Comm./Oral <i>See Elective Table</i>
Semester 4						
GRD 424	Graphic Design Internship	3	---	---	3	Free Elective
GRD 437	Communication Design IV	3	---	---	3	Free Elective
GRD 464	Digital Artistry	3	---	---	3	Free Elective
Distributed Elective		3	---	<i>See Elective Table</i>	3	<i>See Elective Table</i>

Years 1 & 2 at Des Moines Area Community College: (cont.)

DMACC Program Course Sequence			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
Semester 4 (cont.)						
ART 186	Principles Digital Photograph <i>(Elective)</i>	3	GRAF 218	Digital Photography & Editing	3	Gen Ed Arts/Humn. & Major
OR		OR			OR	
MMS 480	Video Production I <i>(Elective)</i>	3	GRAF 319	Digital Video and Editing	3	Gen Ed Arts/Humn. & Major
OR		OR			OR	
Graphic Design Electives		3	---	<i>See Elective Table</i>	3	<i>See Elective Table</i>
Total occupational course credits earned:		75-76	Total course credits accepted:		75-76	
Total credits required for graduation:		75				
Total transferable credits#:		75-76				

 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>ART186 or MMS480</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>ENG 105</i>
ENG 102	English Composition II	3	Gen Ed Comm./Wrtn	---
COMM 105 OR COMM 200	<i>Public Speaking</i> <i>Interpersonal Communication</i>	3	<i>Gen Ed Comm./Oral</i>	<i>SPC 101</i> <i>Or</i> <i>SPC 122</i>
CS 102	Intro Computer Applications & Technology	3	Gen Ed Computer Skills	---
MATH 105 or higher	<i>College Algebra w/ Applications</i>	3	<i>Gen Ed Mathematics</i>	<i>MAT 121</i>
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	---
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	---
	any Gen Ed in Social Science	3	Gen Ed Social Science	---
	any Gen Ed in Social Science	3	Gen Ed Social Science	---
	any Gen Ed in Cultures	3	Gen Ed Cultures	---
Major Courses				
GRAF 112	Introduction to Graphic Design	3	Major	---
GRAF 218	<i>Digital Photography</i>	3	<i>Major</i>	<i>ART 186 (if selected)</i>
GRAF 235	Advertising Design	3	Major	---
GRAF 280	Web Publishing and Social Media	3	Major	---
GRAF 319	Digital Video and Editing ▲	(3)	Major	MMS 480 (if selected)
GRAF 332	Digital Imaging	3	Major	---
GRAF 334	Graphic Design History	3	Major	---
GRAF 335	Publication Design	3	Major	---
GRAF 355	<i>Typography</i>	3	<i>Major</i>	<i>GRD 405</i>
GRAF 432	Digital Illustration	3	Major	---
GRAF 480	Senior Portfolio/Graphic Design	3	Major	---
<i>Three of the following:</i>		9	Major	---
MKT 208	Marketing Principles	MKT 363 MKT 489	Advertising Social Media Marketing •	---
MKT 358	Consumer Behavior			
MKT 479	Branding •			
Upper-Division Elective – (3 but if MMS 480 selected, 6 required)		3-6	Degree Requirements	---
Total additional credits needed at UIU to complete degree:		63-66		
Total transferable credits from DMACC:		75-76		
Total Earned Credits:		138-142		

~~ NOTES ~~

LEGEND:

- # Transfer grades lower than a C- will not be accepted.
- • Course has a prerequisite.
- () signifies credit listed within may change depending on course selection within UIU major.
- ▲ notates courses that are upper-division that have an option of taking at DMACC, however, would require an upper-division course in place of this to meet degree requirement.
- **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 Des Moines Area Community College. A minimum of 30 credits must be upper-division credits for a UIU baccalaureate degree; lower-division transfer work from Des Moines Area Community College does not contribute to the upper-division credit requirement at UIU.

This program transfer guide is based on the August 2019 course-to-course articulation (UIU 2019-2020 catalog & DMACC 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.

<i>Elective Transfer Guide</i>						
DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Graphic Design Electives						
ART 184	Principles of Photography	3	---	---	3	Gen Ed Arts/Humn.
ART 186	Principles Digital Photograph	3	GRAF 218	Digital Photography and Editing	3	Gen Ed Arts/Humn. & Major
GRD 301	Intro to Desktop Publishing	3	---	---	3	Free Elective
GRD 305	Screen Printing Methods	3	---	---	3	Free Elective
GRD 408	Introduction to Rich Media and Animation	2	---	---	2	Free Elective
GRD 419	Lettering and Sign Art	2	---	---	2	Free Elective
GRD 439	Digital Asset Production	3	---	---	3	Free Elective
GRD 448	Airbrush I	3	---	---	3	Free Elective
GRD 450	Airbrush II	3	---	---	3	Free Elective
GRD 452	Airbrush III	3	---	---	3	Free Elective
GRD 453	Illustration for Animation	3	---	---	3	Free Elective
GRD 455	2D Animation	3	---	---	3	Free Elective
GRD 462	Computer Graphics II	3	---	---	3	Free Elective
GRD 465	3D Modeling and Texturing	3	---	---	3	Free Elective
GRD 467	After Effects for Motion Graphics	3	---	---	3	Free Elective
GRD 475	After Effects for Advanced Compositing	3	---	---	3	Free Elective
GRD 477	Storyboarding & Scriptwriting	3	---	---	3	Free Elective
GRD 479	Digital Audio Recording and Editing	3	---	---	3	Free Elective
GRD 483	Intro to Autodesk 3dsMax	3	---	---	3	Free Elective
GRD 485	Animation 1	3	---	---	3	Free Elective

Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Graphic Design Electives (cont.)						
GRD 487	Animation 2	3	---	---	3	Free Elective
GRD 488	Introduction to Cinema 4D	3	---	---	3	Free Elective
GRD 490	Introduction to Autodesk Maya Animation	3	---	---	3	Free Elective
GRD 492	Animation Demo Reel Production	6	---	---	6	Free Elective
GRD 494	Animation Capstone Group Project	5	---	---	5	Free Elective
GRD 900	Field Studies in Graphic Design	5	---	---	5	Free Elective
WDV 131	Intro Photoshop and Fireworks	3	---	---	3	Free Elective
WDV 150	E-Commerce	3	---	---	3	Free Elective
WDV 151	Intro Web Design	3	---	---	3	Free Elective
WDV 205	Advanced CSS	3	---	---	3	Free Elective
WDV 221	Intro Javascript	3	---	---	3	Free Elective
WDV 240	Intro WordPress	3	---	---	3	Free Elective
WDV 245	Content Management Systems I	3	---	---	3	Free Elective
WDV 261	Intro Flash	3	---	---	3	Free Elective
WDV 321	Advanced Javascript	3	---	---	3	Free Elective
WDV 331	Dreamweaver Applications	3	---	---	3	Free Elective
WDV 341	Intro PHP	3	---	---	3	Free Elective
WDV 351	Website Application Components	3	---	---	3	Free Elective
WDV 441	Advanced PHP	3	---	---	3	Free Elective
WDV 445	Content Management Systems II	3	---	---	3	Free Elective
WDV 446	Intro Drupal	3	---	---	3	Free Elective
WDV 490	Website Applications Seminar	3	---	---	3	Free Elective
WDV 495	Emerging Technologies Seminar	3	---	---	3	Free Elective
WDV 521	Intro Ajax	3	---	---	3	Free Elective
WDV 541	PHP Seminar	3	---	---	3	Free Elective
WDV 932	Web Development Internship	3	---	---	3	Free Elective
MKT 110	Principles of Marketing	3	MKT 208	Marketing Principles	3	Major
MKT 115	Business-to-Business Marketing	3	---	---	3	Free Elective
MKT 121	Digital Marketing	3	---	---	3	Free Elective
MKT 131	Social Media Marketing	3	---	---	3	Free Elective
MKT 135	Content Marketing	3	---	---	3	Free Elective
MKT 140	Selling	3	MKT 337	Personal Selling •	3	Free Elective
MKT 141	Advanced Selling Strategies	3	---	---	3	Free Elective
MKT 145	Sales Management	3	MKT 315	Sales Management •	3	Free Elective
MKT 150	Principles of Advertising	3	---	---	3	Free Elective
MKT 160	Principles of Retailing	3	---	---	3	Free Elective
MKT 182	Customer Relationship Mgmt	3	---	---	3	Free Elective
MKT 184	Customer Service	3	---	---	3	Free Elective
MKT 199	Sports/Entertainment Mktg.	3	---	---	3	Free Elective
MMS 208	Sound for Film and Video	3	---	---	3	Free Elective
MMS 473	Motion Graphics and Spl Effec	3	---	---	3	Free Elective
MMS 480	Video Production I	3	GRAF 319	Digital Video and Editing	3	Gen Ed Arts/Humn. & Major
MMS 481	Video Production II	3	---	---	3	Free Elective
MMS 482	Video Production III	3	---	---	3	Free Elective

Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Graphic Design Electives (cont.)						
MMS 484	Premiere/Video Editing I	3	---	---	3	Free Elective
MMS 486	Premiere/Video Editing II	3	---	---	3	Free Elective
Communications Electives						
ADM 157	Business English	3	---	---	3	Free Elective
COM 703	Communication Skills	3	---	---	3	Free Elective
ENG 105	Composition I	3	ENG 101	English Composition I *	3	Gen Ed Comm./Wrtn
ENG 106	Composition II	3	ENG 102	English Composition II *	3	Gen Ed Comm./Wrtn
ENG 108	Comp II: Technical Writing	3	---	---	3	Free Elective
Math Electives						
MAT 110	Math for Liberal Arts	3	---	---	3	Free Elective
MAT 114	Elementary Educators Math I	3	EDU 253	Mathematics for Elementary and Middle School Teachers	3	Free Elective
MAT 116	Elementary Educators Math II	3	---	---	3	Free Elective
MAT 121	College Algebra	4	MATH 107	College Algebra *	4	Gen Ed Mathematics
MAT 129	Precalculus	5	MATH 107	College Algebra *	5	Gen Ed Mathematics
MAT 130	Trigonometry	3	MATH 115	Trigonometry and Analytic Geometry *	3	Gen Ed Mathematics
MAT 141	Finite Math	4	---	---	4	Free Elective
MAT 157	Statistics	4	MATH 220	Elementary Statistics *	4	Gen Ed Mathematics
MAT 162	Prin. of Business Statistics	4	BA 256	Quantitative Analysis for Business I *	4	Free Elective
MAT 164	Calculus for Busn/Social Sci	4	MATH 109	Quantitative Methods *	4	Gen Ed Mathematics
MAT 211	Calculus I	5	MATH 120	Calculus I *	5	Gen Ed Mathematics
MAT 217	Calculus II	5	MATH 200	Calculus II *	5	Free Elective
MAT 219	Calculus III	4	MATH 215	Multivariable Calculus *	4	Free Elective
MAT 227	Diff Equations with Laplace	4	MATH 300	Differential Equations *	4	Free Elective
MAT 772	Applied Math	3	---	---	3	Free Elective
MAT 773	Applied Math II	3	---	---	3	Free Elective
Social & Behavioral Sciences /Humanities						
AGB 101	Agricultural Economics	3	---	---	3	Free Elective
ANT 100	Introduction to Anthropology	3	---	---	3	Gen Ed Cultures
ANT 105	Cultural Anthropology	3	ANTH 110	Introduction to Cultural Anthropology	3	Gen Ed Cultures or Gen Ed Soc. Sci.
ART 101	Art Appreciation	3	ART 100	Introduction to Art	3	Gen Ed Arts/Humn.
COM 146	Gender, Sexuality and Media	3	---	---	3	Gen Ed Soc. Sci.
COM 148	Diversity and the Media	3	---	---	3	Gen Ed Cultures
DRA 101	Introduction to Theatre	3	THE 110	Introduction to Theatre	3	Gen Ed Arts/Humn.
ECN 120	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics *	3	Gen Ed Soc. Sci.
ECN 130	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	Gen Ed Soc. Sci.
FLA 141	Elementary Arabic I	4	---	---	4	Gen Ed Arts/Humn.
FLA 142	Elementary Arabic II	4	---	---	4	Gen Ed Arts/Humn.
FLA 241	Intermediate Arabic I	4	---	---	4	Gen Ed Arts/Humn.
FLA 242	Intermediate Arabic II	4	---	---	4	Gen Ed Arts/Humn.
FLC 141	Elementary Chinese I	4	---	---	4	Gen Ed Arts/Humn.
FLC 142	Elementary Chinese II	4	---	---	4	Gen Ed Arts/Humn.

Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Social & Behavioral Sciences /Humanities (cont.)						
FLC 241	Intermediate Chinese I	4	---	---	4	Gen Ed Arts/Humn.
FLC 242	Intermediate Chinese II	4	---	---	4	Gen Ed Arts/Humn.
FLF 151	Elementary French I	5	---	---	5	Gen Ed Arts/Humn.
FLF 152	Elementary French II	5	---	---	5	Gen Ed Arts/Humn.
FLF 241	Intermediate French I	4	---	---	4	Gen Ed Arts/Humn.
FLF 242	Intermediate French II	4	---	---	4	Gen Ed Arts/Humn.
FLG 141	Elementary German I	4	---	---	4	Gen Ed Arts/Humn.
FLG 142	Elementary German II	4	---	---	4	Gen Ed Arts/Humn.
FLG 241	Intermediate German I	4	---	---	4	Gen Ed Arts/Humn.
FLG 242	Intermediate German II	4	---	---	4	Gen Ed Arts/Humn.
FLI 141	Elementary Italian I	4	---	---	4	Gen Ed Arts/Humn.
FLI 142	Elementary Italian II	4	---	---	4	Gen Ed Arts/Humn.
FLI 241	Intermediate Italian I	4	---	---	4	Gen Ed Arts/Humn.
FLI 242	Intermediate Italian II	4	---	---	4	Gen Ed Arts/Humn.
FLJ 141	Elementary Japanese I	4	---	---	4	Gen Ed Arts/Humn.
FLJ 142	Elementary Japanese II	4	---	---	4	Gen Ed Arts/Humn.
FLJ 241	Intermediate Japanese I	4	---	---	4	Gen Ed Arts/Humn.
FLJ 242	Intermediate Japanese II	4	---	---	4	Gen Ed Arts/Humn.
FLS 151	Elementary Spanish I	5	SPN 101	Beginning Spanish I	5	Gen Ed Arts/Humn.
FLS 152	Elementary Spanish II	5	SPN 102	Beginning Spanish II *	5	Gen Ed Arts/Humn.
FLS 181	Spanish for Heritage Spkrs I	4	---	---	4	Free Elective
FLS 241	Intermediate Spanish I	4	SPN 201	Intermediate Spanish I *	4	Gen Ed Arts/Humn.
FLS 242	Intermediate Spanish II	4	SPN 202	Intermediate Spanish II *	4	Gen Ed Arts/Humn.
FLS 281	Spanish for Heritage Spkrs II	4	---	---	4	Free Elective
GEO 111	Intro to Geography	3	GEOG 200	World Regional Geography	3	Gen Ed Soc. Sci.
GEO 124	Reg Geog of the NonWest World	3	---	---	3	Gen Ed Cultures
GEO 125	Regional Geog of the Dev World	3	---	---	3	Gen Ed Soc. Sci.
HIS 112	West Civ: Ancient to Early Mod	4	---	---	4	Gen Ed Soc. Sci.
HIS 113	West Civ: Early Modern to Pres	4	---	---	4	Gen Ed Soc. Sci.
HIS 150	U.S. History to 1877	4	HIST 110	American History to 1877	4	Gen Ed Soc. Sci.
HIS 153	U.S. History since 1877	4	HIST 111	American History Since 1877	4	Gen Ed Soc. Sci.
HIS 257	African-American History	3	HIST 330	African American History	3	Gen Ed Soc. Sci.
HUM 116	Encounters in Humanities	3	---	---	3	Gen Ed Arts/Humn.
HUM 120	Introduction to Film	3	COMM 290	The Movies (also ENG 290)	3	Gen Ed Arts/Humn.
HUM 121	America in the Movies	3	ENG 290	The Movies (also COMM 290)	3	Gen Ed Arts/Humn.
JOU 110	Intro to Mass Media	3	---	---	3	Gen Ed Soc. Sci.
JOU 113	Gender, Sexuality and Media	3	---	---	3	Gen Ed Soc. Sci.
JOU 114	Diversity and the Media	3	---	---	3	Gen Ed Soc. Sci.
LIT 101	Intro to Literature	3	ENG 125	Introduction to Literature	3	Gen Ed Arts/Humn.
LIT 110	Amer Literature to Mid 1800s	3	ENG 209	American Literature I	3	Gen Ed Arts/Humn.
LIT 111	Amer Literature since Mid 1800	3	ENG 210	American Literature II	3	Gen Ed Arts/Humn.
LIT 130	African-American Literature	3	ENG 265	African American Literature	3	Gen Ed Arts/Humn. or Gen Ed Cultures
LIT 142	Major British Writers	3	ENG 212	British Literature II	3	Gen Ed Arts/Humn.

Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Social & Behavioral Sciences /Humanities (cont.)						
LIT 150	World Literature I	3	---	---	3	Gen Ed Arts/Humn.
LIT 151	World Literature II	3	ENG 214	World Literature Survey	3	Gen Ed Arts/Humn.
LIT 166	Science Fiction	3	---	---	3	Gen Ed Arts/Humn.
LIT 185	Contemporary Literature	3	---	---	3	Gen Ed Arts/Humn.
LIT 188	Detective Fiction	3	---	---	3	Gen Ed Arts/Humn.
LIT 190	Women Writers	3	---	---	3	Free Elective
LIT 193	Humor in Literature	3	---	---	3	Gen Ed Arts/Humn.
LIT 209	Literature Film Adaptation	3	---	---	3	Gen Ed Arts/Humn.
MGT 145	Human Relations in Management	3	---	---	3	Free Elective
MUS 100	Music Appreciation	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.
MUS 102	Music Fundamentals	3	---	---	3	Gen Ed Arts/Humn.
MUS 202	World Music	3	---	---	3	Gen Ed Arts/Humn.
MUS 205	Jazz History and Appreciation	3	MUS 200	American Jazz Styles	3	Gen Ed Arts/Humn.
PHI 101	Introduction to Philosophy	3	PHIL 150	Intro to Philosophy	3	Gen Ed Arts/Humn.
PHI 105	Introduction to Ethics	3	PHIL 202	Contemporary Ethics	3	Gen Ed Arts/Humn.
PHI 110	Introduction to Logic	3	---	---	3	Gen Ed Arts/Humn.
POL 111	American National Government	3	PS 100	U.S. Government	3	Gen Ed Soc. Sci.
POL 112	Amer State & Local Government	3	PS 230	State & Local Government	3	Gen Ed Soc. Sci.
POL 121	International Relations	3	PS 211	International Relations	3	Gen Ed Soc. Sci.
POL 125	Comparative Gov't & Politics	3	PS 212	Comparative Politics	3	Gen Ed Soc. Sci.
POL 171	Intro to Public Administration	3	---	---	3	Free Elective
PSY 102	Human and Work Relations	3	---	---	3	Gen Ed Soc. Sci.
PSY 111	Introduction to Psychology	3	PSY 190	General Psychology	3	Gen Ed Soc. Sci.
PSY 121	Developmental Psychology	3	EDU 142	Human Growth, Development & Guidance	3	Gen Ed Soc. Sci.
PSY 241	Abnormal Psychology	3	PSY 360	Abnormal Psychology *	3	Free Elective
PSY 251	Social Psychology	3	PSY 310	Social Psychology (also SOC 310) *	3	Free Elective
PSY 261	Human Sexuality	3	PSY 270	Human Sexuality	3	Gen Ed Soc. Sci.
REL 101	Survey of World Religions	3	REL 120	Intro to World Religions	3	Gen Ed Arts/Humn.
SOC 110	Introduction to Sociology	3	SOC 110	Principles of Sociology	3	Gen Ed Soc. Sci.
SOC 115	Social Problems	3	SOC 220	Social Problems	3	Gen Ed Soc. Sci.
SOC 120	Marriage & Family	3	SOC 361	Marriage and the Family *	3	Free Elective
SOC 200	Minority Group Relations	3	SOC 240	Diversity in the United States	3	Gen Ed Cultures or Gen Ed Soc. Sci.
Science Electives						
ANT 202	Human Origins	3	---	---	3	Gen Ed Soc. Sci.
BIO 104	Introductory Biology w/lab	3	BIO 100	General Biological Science	3	Gen Ed Nat. Sci.
BIO 112	General Biology I	4	BIO 135	Principles of Biology I	4	Gen Ed Nat. Sci.
BIO 113	General Biology II	4	BIO 140	Principles of Biology II *	4	Gen Ed Nat. Sci.
BIO 135	Introduction to Botany	4	BIO 231	General Botany *	4	Gen Ed Nat. Sci.
BIO 138	Field Ecology	3	---	---	3	Free Elective
BIO 156	Human Biology w/lab	3	---	---	3	Gen Ed Nat. Sci.
BIO 164	Essentials Anatomy/Physiology	5	BIO 268	Introduction to Human Anatomy and Physiology *	5	Gen Ed Nat. Sci.
BIO 168	Anatomy & Physiology I	4	BIO 270	Human Anatomy and Physiology I *	4	Gen Ed Nat. Sci.

Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Science Electives (cont.)						
BIO 173	Anatomy & Physiology II	4	BIO 275	Human Anatomy and Physiology II •	4	Free Elective
BIO 186	Microbiology	4	BIO 210	Microbiology •	4	Gen Ed Nat. Sci.
BIO 732	Health Science Microbiology	4	---	---	4	Gen Ed Nat. Sci.
BIO 733	Health Science Anatomy	3	BIO 268	Introduction to Human Anatomy and Physiology •	3	Gen Ed Nat. Sci.
BIO 734	Health Science Physiology	3	---	---	3	Gen Ed Nat. Sci.
BUS 112	Business Math	3	---	---	3	Free Elective
CHM 105	Survey of Chemistry	3	CHEM 140	Chemistry for Everyday Life	3	Gen Ed Nat. Sci.
CHM 122	Intro to General Chemistry	4	---	---	4	Gen Ed Nat. Sci.
CHM 132	Intro to Organic/Biochemistry	4	---	---	4	Gen Ed Nat. Sci.
CHM 165	General/ Inorg Chemistry I	4	CHEM 151	General Chemistry I	4	Gen Ed Nat. Sci.
CHM 175	General/ Inorg Chemistry II	4	CHEM 152	General Chemistry II •	4	Gen Ed Nat. Sci.
CHM 263	Organic Chemistry I	5	CHEM 251	Organic Chemistry I •	5	Free Elective
CHM 273	Organic Chemistry II	5	CHEM 252	Organic Chemistry II •	5	Free Elective
ELT 106	Basic Math for Electronics	3	---	---	3	Free Elective
ELT 108	Math-Electronics & Computers	4	---	---	4	Free Elective
ENV 115	Environmental Science	3	ES 161	Introduction to Environmental Science	3	Gen Ed Nat. Sci.
ENV 116	Environmental Science Lab	1	ES 175	Earth Systems Laboratory •	1	Free Elective
ENV 145	Conservation Biology	4	---	---	4	Free Elective
PHS 152	Astronomy	4	PHY 109 & PHY 110	Intro to Astronomy Lab (1) & Intro to Astronomy (3)	4	Free Elective
PHS 166	Meteorology, Weather & Climate	4	---	---	4	Gen Ed Nat. Sci.
PHY 106	Survey of Physics	4	PHY 105	Conceptual Physics	4	Gen Ed Nat. Sci.
PHY 160	General Physics I	5	PHY 111	Introductory Physics I	5	Gen Ed Nat. Sci.
PHY 161	General Physics II	5	PHY 113	Introductory Physics II •	5	Gen Ed Nat. Sci.
PHY 213	Classical Physics I	6	PHY 111	Introductory Physics I	6	Gen Ed Nat. Sci.
PHY 223	Classical Physics II	6	PHY 113	Introductory Physics II •	6	Gen Ed Nat. Sci.
PHY 710	Technical Physics	3	---	---	3	Gen Ed Nat. Sci.
Distributed Electives – Any of the Communications, Math, Social & Behavioral Sciences /Humanities, Science, or electives shown below.						
SPC 101	Fund of Oral Communication	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
SPC 122	Interpersonal Communication	3	COMM 200	Interpersonal Communication	3	Gen Ed Comm./Oral
ELT 368	DC & AC Fundamentals	3	---	---	3	Free Elective