

Program Transfer Guide

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

**→ UIU Bachelor of Science (BS) in
BUSINESS ADMINISTRATION – MARKETING EMPHASIS**

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
MKT 110	Principles of Marketing	3	MKT 208	Marketing Principles	3	Business Core
APP 235	Visual Merchandising Studio	3	---	---	3	Free Elective
MKT 140	Selling	3	MKT 337	Personal Selling •	3	Major Emphasis
MGT 147	Leadership Development	3	BA 365	Leadership Theory •	3	Free Elective
MKT 160	Principles of Retailing	3	---	---	3	Free Elective
Semester 2						
MKT 150	Principles of Advertising	3	---	---	3	Free Elective
ADM 221	Career Development Skills	2	---	---	2	Free Elective
MGT 145 OR PSY 111 OR SOC 110	Human Relations in Mgmt. Introduction to Psychology Introduction to Sociology	3 3 3	---	---	3 3 3	Free Elective Gen Ed Soc. Sci. Gen Ed Soc. Sci.
CSC 110 OR BCA 212 OR Marketing Option A Electives	Intro to Computers <i>(Elective)</i> Intro Computer Business Appl <i>(Elective)</i>	3 3 3	CS 102 CS 102 ---	Intro to Computer Applications & Technology Intro to Computer Applications & Technology <i>See Electives Table</i>	3 3 3	Gen Ed Comp. Skills Gen Ed Comp. Skills <i>See Electives Table</i>
ECN 120 OR ECN 130	Principles of Macroeconomics Principles of Microeconomics	3 3	ECON 161 ECON 160	Principles of Macroeconomics • Principles of Microeconomics	3 3	Gen Ed Soc. Sci. & Business Core Gen Ed Soc. Sci. & Business Core
Semester 3						
MGT 800	Business Internship I	4	---	---	4	Free Elective
MGT 802	Bus. Internship Seminar I	2	---	---	2	Free Elective
Semester 4						
MKT 121	Digital Marketing	3	---	---	3	Free Elective
ACC 131 OR ACC 111	Principles of Accounting I Intro to Accounting	4 3	ACCT 201 ---	Accounting Principles I ---	4 3	Business Core Free Elective
MGT 101 OR Marketing Option B Electives	Principles of Mgmt. <i>(Elective)</i>	3 3	BA 210 ---	Management Principles <i>See Electives Table</i>	3 3	Business Core <i>See Electives Table</i>
SPC 101 OR SPC 122	Fund of Oral Communication Interpersonal Communication	3 3	COMM 105 COMM 200	Public Speaking Interpersonal Communication	3 3	Gen Ed Comm./Oral Gen Ed Comm./Oral

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.)						
BUS 112 <i>OR</i>	Business Math	3 <i>OR</i>	---	---	3 <i>OR</i>	Free Elective
MAT 141	Finite Math	4	---	---	4	Free Elective
Semester 5						
MKT 182	Customer Relationship Mgmt.	3	---	---	3	Free Elective
MKT 135	Content Marketing	3	---	---	3	Free Elective
MKT 131	Social Media Marketing	3	---	---	3	Free Elective
Marketing Option C Elective		3	---	<i>See Electives Table</i>	3	Free Elective
ENG 105 <i>OR</i>	Composition I	3 <i>OR</i>	ENG 101	English Composition I*	3 <i>OR</i>	Gen Ed Comm./Wrtn
COM 703	Communication Skills	3	---	---	3	Free Elective
Total occupational course credits earned:		66-68	Total course credits accepted:		66-68	
Total credits required for graduation:		66				
Total transferable credits#:		66-68				

UIU recommendations are bolded.
Years 3 & 4 at Upper Iowa University:

UIU Program Course List					# Cr	Requirement Fulfilled	Transferred In
General Education Courses							
	any Gen Ed in Arts/Humanities		3	Gen Ed Arts/Humanities	---		
	any Gen Ed in Arts/Humanities		3	Gen Ed Arts/Humanities	---		
<i>ENG 101</i>	<i>English Composition I</i>		<i>3</i>	<i>Gen Ed Comm./Wrtn</i>		<i>ENG 105</i>	
ENG 102	English Composition II		3	Gen Ed Comm./Wrtn		---	
<i>COMM 105</i> <i>OR</i> <i>COMM 200</i>	<i>Public Speaking</i> <i>Interpersonal Communication</i>		<i>3</i>	<i>Gen Ed Comm./Oral</i>		<i>SPC 101</i> <i>OR</i> <i>SPC 122</i>	
<i>CS 102</i>	<i>Intro Computer Applications & Technology</i>		<i>3</i>	<i>Gen Ed Computer Skills</i>		<i>CSC 110 or BCA 212</i>	
	<i>any Gen Ed Mathematics (MATH 105 or higher)</i>		<i>3</i>	<i>Gen Ed Mathematics</i>		<i>MATH 105</i>	
	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>		<i>3</i>	<i>Gen Ed Social Science</i>		<i>ECON 160</i>	
	<i>any Gen Ed in Social Science</i>		<i>3</i>	<i>Gen Ed Social Science</i>		<i>ECON 161</i>	
	any Gen Ed in Cultures		3	Gen Ed Cultures		---	
Prerequisites							
MATH 105 or higher	College Algebra w/ Applications		3	Prereq for BA 256 and MATH 220		---	
Business Core Courses							
<i>ECON 160</i>	<i>Principles of Microeconomics</i>		<i>3</i>	<i>Business Core</i>		<i>ECN 130</i>	
ECON 161	Principles of Macroeconomics		3	Business Core		---	
<i>ACCT 201</i>	<i>Accounting Principles I</i>		<i>3</i>	<i>Business Core</i>		<i>ACC 131</i>	
ACCT 202	Accounting Principles II		3	Business Core		---	
<i>MKT 208</i>	<i>Marketing Principles</i>		<i>3</i>	<i>Business Core</i>		<i>MKT 110</i>	
<i>BA 210</i>	<i>Management Principles</i>		<i>3</i>	<i>Business Core</i>		<i>MGT 101</i>	
BA 222	Management Information Systems		3	Business Core		---	
BA 302	Business Law and Ethics		3	Business Core		---	
FIN 341	Corporate Financial Management		3	Business Core		---	

Courses to be taken at Upper Iowa University

Years 3 & 4 at Upper Iowa University: (cont.)

UIU Program Course List		# Cr	Requirement Fulfilled	Transferred In
Business Core Courses				
BA 256 <i>OR</i> MATH 220	Quantitative Analysis for Business I Elementary Statistics	3	Business Core	---
BA 356	Quantitative Analysis for Business II	3	Business Core	---
BA 374	Business Communication	3	Business Core	---
BA 460	Strategic Management	3	Business Core	---
Major Courses				
BA 325	New Venture Creation	3	Major	---
BA 361	Human Resource Management	3	Major	---
BA 423	Production & Operations Management	3	Major	---
<i>MKT 337</i>	<i>Personal Selling</i>	3	<i>Emphasis</i>	<i>MKT 140</i>
MKT 358	Consumer Behavior	3	Emphasis	---
MKT 363	Advertising & Integrated Marketing Communication	3	Emphasis	---
MKT 403	Internship	3	Emphasis	---
MKT 414	New Product Development	3	Emphasis	---
MKT 424	Global Marketing	3	Emphasis	---
Total additional credits needed at UIU to complete degree:		72		
Total transferable credits from DMACC:		66-68		
Total Earned Credits:		138-140		

~~ NOTES ~~

LEGEND:

- # Transfer grades lower than a C- will not be accepted.
- • 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 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.

Elective Transfer Table

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Marketing Option A Electives						
CSC 110	Intro to Computers	3	CS 102	Introduction to Computer Applications and Technology	3	Gen Ed Comp. Skills
GRD 301	Intro to Desktop Publishing	3	---	---	3	Free Elective
BCA 212	Intro Computer Business Appl	3	CS 102	Introduction to Computer Applications and Technology	3	Gen Ed Comp. Skills
CIS 303	Introduction to Database	3	CS 332	Databases and Information Management *	3	Free Elective
WDV 101	Intro HTML and CSS	3	---	---	3	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
Marketing Option B Electives						
MGT 130	Principles of Supervision	3	BA 362	Supervision *	3	Free Elective
MGT 101	Principles of Management	3	BA 210	Management Principles	3	Business Core
BUS 148	Small Business Management	3	---	---	3	Free Elective
MKT 145	Sales Management	3	MKT 315	Sales Management *	3	Major
Marketing Option C Electives						
INF 110	Fundamental Informatics	3	HSA 241	Healthcare Informatics	3	Free Elective
WDV 101	Intro HTML and CSS	3	---	---	3	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

Elective Transfer Table (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Marketing Option C Electives (cont.)						
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

Maximize Your Transfer to UIU

Take up to 9 credits to fulfill general education and business core requirements.

Choose up to 9 additional credits at Des Moines Area Community College to transfer into Upper Iowa University to fulfill general education and business core 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 9 credits from the following areas:

- Arts/Humanities General Education Requirement – up to 6 credits
- Communication (Written) General Education Requirement – up to 3 credits
- Natural Science General Education Requirement – up to 6 credits
- Cultures General Education Requirement – up to 3 credits
- Business Core – up to 9 credits

LEGEND:

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

<i>Additional Elective Transfer Guide</i>						
DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement						
ART 101	Art Appreciation	3	ART 100	Introduction to Art	3	Gen Ed Arts/Humn.
ART 133	Drawing Lab	3	ART 110	Drawing	3	Gen Ed Arts/Humn.
ART 143	Painting	3	ART 202	Painting	3	Gen Ed Arts/Humn.
ART 148	Landscape Painting	3	---	---	3	Gen Ed Arts/Humn.
ART 173	Ceramics	3	ART 222	Ceramics/Hand Building	3	Gen Ed Arts/Humn.
ART 174	Ceramics II	3	ART 222	Ceramics/Hand Building	3	Gen Ed Arts/Humn.
ART 176	Tilemaking	3	---	---	3	Gen Ed Arts/Humn.
ART 184	Principles of Photography	3	---	---	3	Gen Ed Arts/Humn.
ART 186	Principles Digital Photograph	3	GRAF 218	Digital Photography & Editing	3	Gen Ed Arts/Humn.
ART 190	History of Photography	3	---	---	3	Gen Ed Arts/Humn.
ART 195	Design: Exploring Art Media	3	---	---	3	Gen Ed Arts/Humn.
ART 203	Art History I	3	ART 211	Art History I	3	Gen Ed Arts/Humn.
ART 204	Art History II	3	ART 212	Art History II	3	Gen Ed Arts/Humn.
ART 226	Alternative Photo Processes	3	---	---	3	Gen Ed Arts/Humn.
ART 292	Studio Photography	3	---	---	3	Gen Ed Arts/Humn.
DRA 101	Introduction to Theatre	3	THE 110	Introduction to Theatre	3	Gen Ed Arts/Humn.
ENG 221	Creative Writing	3	ENG 170	Intro to Creative Writing	3	Gen Ed Arts/Humn.
ENG 225	Creative Writing: Poetry	3	---	---	3	Gen Ed Arts/Humn.
ENG 230	Creative Writing: Fiction	3	---	---	3	Gen Ed Arts/Humn.
ENG 235	Playwriting and Screenwriting	3	---	---	3	Gen Ed Arts/Humn.
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.
FLC 241	Intermediate Chinese I	4	---	---	4	Gen Ed Arts/Humn.

Additional Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement (cont.)						
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 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.
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.
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.
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 180	Mythology	3	ENG 216	Mythology	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 193	Humor in Literature	3	---	---	3	Gen Ed Arts/Humn.
LIT 209	Literature Film Adaptation	3	---	---	3	Gen Ed Arts/Humn.
LIT 210	The Graphic Novel	3	---	---	3	Gen Ed Arts/Humn.
MMS 480	Video Production I	3	GRAF 319	Digital Video and Editing	3	Gen Ed Arts/Humn.
MUS 100	Music Appreciation	3	MUS 100	Introduction to Music	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	Introduction to Philosophy	3	Gen Ed Arts/Humn.
PHI 105	Introduction to Ethics	3	PHIL 202	Contemporary Ethics	3	Gen Ed Arts/Humn.

Additional Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Arts/Humanities General Education Requirement (cont.)						
PHI 110	Introduction to Logic	3	---	---	3	Gen Ed Arts/Humn.
PRL 143	Business Organization Law	3	---	---	3	Gen Ed Arts/Humn.
REL 101	Survey of World Religions	3	REL 120	Intro to World Religions	3	Gen Ed Arts/Humn.
Communications (Written) General Education Requirement						
ENG 106	Composition II	3	ENG 102	English Composition II	3	Gen Ed Comm./Wrtn
Cultures General Education Requirement						
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.
ANT 125	Applications of Anthropology	3	---	---	3	Gen Ed Cultures
ANT 150	Global Issues-Local Perspec	3	---	---	3	Gen Ed Cultures
ASM 180	Cultural Diversity	1	---	---	1	Gen Ed Cultures
ASM 295	Death and Dying	3	PSY 321	Death and Dying	3	Gen Ed Cultures or Gen Ed Soc. Sci.
COM 148	Diversity and the Media	3	---	---	3	Gen Ed Cultures
GEO 124	Reg Geog of the NonWest World	3	---	---	3	Gen Ed Cultures
GLS 199	Japan: The Changing Tradition	2	---	---	2	Gen Ed Cultures
GLS 200	Country Study	3	---	---	3	Gen Ed Cultures
GLS 220	The Middle East and Islam	3	---	---	3	Gen Ed Cultures
GLS 230	Latin America	3	---	---	3	Gen Ed Cultures
GLS 235	Intro to International Studies	3	---	---	3	Gen Ed Cultures
HIS 211	Modern Asian History	3	HIST 302	Modern East Asia	3	Gen Ed Cultures
LIT 130	African-American Literature	3	ENG 265	African American Literature	3	Gen Ed Cultures or Gen Ed Arts/Humn.
SOC 200	Minority Group Relations	3	SOC 240	Diversity in the US	3	Gen Ed Cultures
SPC 120	Intercultural Communication	3	COMM 221	Intercultural Communication	3	Gen Ed Cultures
Natural Science General Education Requirement						
AGV 129	Veterinary Physiology	3	---	---	3	Gen Ed Nat. 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 145	Ecology of Iowa	3	BIO 215	Local Field Science	3	Gen Ed Nat. Sci.
BIO 146	Genetics	3	---	---	3	Gen Ed Nat. Sci.
BIO 151	Nutrition	3	BIO 165	Human Biology and Nutrition	3	Gen Ed Nat. Sci.
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 & Physiology I	4	Gen Ed Nat. Sci.
BIO 186	Microbiology	4	BIO 210	Microbiology	4	Gen Ed Nat. Sci.
BIO 225	Marine Biology I	4	---	---	4	Gen Ed Nat. Sci.
BIO 227	Marine Biology II	4	---	---	4	Gen Ed Nat. Sci.
BIO 260	Biology of Aging	3	---	---	3	Gen Ed Nat. Sci.
BIO 295	General Ecology and Lab	4	---	---	4	Gen Ed Nat. Sci.
BIO 732	Health Science Microbiology	4	---	---	4	Gen Ed Nat. Sci.

Additional Elective Transfer Guide (cont.)

DMACC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
Natural Science General Education Requirement (cont.)						
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.
ENV 115	Environmental Science	3	ES 161	Introduction to Environmental Science	3	Gen Ed Nat. Sci.
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.
VIN 249	Plant Physiology	4	---	---	4	Gen Ed Nat. Sci.
Business Core Requirement						
ECN 120	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics •	3	Gen Ed Soc. Sci. & Business Core
ECN 130	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	Gen Ed Soc. Sci. & Business Core
ACC 132	Principles of Accounting II	4	ACCT 202	Accounting Principles II •	4	Business Core
MGT 248	Systems & Information Mgmt.	3	BA 222	Management Information Systems •	3	Business Core
BUS 185	Business Law I	3	BA 302	Business Law and Ethics	3	Business Core
MAT 162	Prin. of Business Statistics	4	BA 256	Quantitative Analysis for Business I •	4	Business Core
<i>OR</i>		<i>OR</i>			<i>OR</i>	
MAT 157	Statistics	4	MATH 220	Elementary Statistics •	4	Gen Ed Math & Business Core
BUS 231	Quantitative Methods/Bus Decisions	4	BA 356	Quantitative Analysis for Business II •	4	Business Core