


<p>Program Transfer Guide</p> <p>Des Moines Area Community College Associate in Applied Science (AAS) in</p> <p>FIRE SCIENCE TECHNOLOGY</p> <p>→ UIU Bachelor of Science (BS) in</p> <p>PUBLIC ADMINISTRATION – LAW ENFORCEMENT/FIRE SCIENCE EMPHASIS</p> <p>FEBRUARY 2020</p>	 <p>UPPER IOWA UNIVERSITY</p> <p>EDUCATION BUILT FOR LIFE</p>
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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
FIR 111	Principles Emergency Services	4	---	---	4	Free Elective
FIR 127	Fire Behavior and Combustion	3	---	---	3	Free Elective
EMS 214	Emergency Medical Technician	6	---	---	6	Free Elective
Semester 2						
FIR 112	Principles Emergency Serv II	4	---	---	4	Free Elective
FIR 124	Building Construction	3	---	---	3	Free Elective
FIR 335	Fire Instructor I	3	---	---	3	Free Elective
ENG 105	Composition I	3	ENG 101	English Composition I *	3	Gen Ed Comm./Wrtn
SPC 101	Fund of Oral Communication	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
Semester 3						
FIR 138	Principles of Fire Prevention	3	---	---	3	Free Elective
FIR 152	Fire Protection Systems	3	---	---	3	Free Elective
FIR 400	Emergency Safety & Survival	3	---	---	3	Free Elective
ENG 106	Composition II	3	ENG 102	English Composition II *	3	Gen Ed Comm./Wrtn
OR		OR			OR	
ENG 108	Comp II: Technical Writing	3	---	---	3	Free Elective
Semester 4						
FIR 145	Strategy and Tactics	3	---	---	3	Free Elective
FIR 160	Fire Inspector I	3	---	---	3	Free Elective
CHM 122	Intro to General Chemistry	4	---	---	4	Gen Ed Nat. Sci.
Semester 5						
FIR 158	Fire Officer I	3	---	---	3	Free Elective
FIR 235	Fire Investigation I	3	---	---	3	Free Elective
POL 112	Amer State & Local Government	3	PS 230	State & Local Government	3	Gen Ed Soc. Sci. & Major
PSY 111	Introduction to Psychology	3	PSY 190	General Psychology	3	Gen Ed Soc. Sci.
Total occupational course credits earned:		64	Total course credits accepted:		64	
Total credits required for graduation:		64				
Total transferable credits#:		64				

*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	---
ENG 101	English Composition I	3	Gen Ed Comm./Wrtn	ENG 105
ENG 102	English Composition II	3	Gen Ed Comm./Wrtn	ENG 106
COMM 105	Public Speaking	3	Gen Ed Comm./Oral	SPC 101
CS 102	Intro Computer Appl's & Technology	3	Gen Ed Computer Skills	---
MATH 105	College Algebra w/ Applications	3	Gen Ed Mathematics	---
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	CHM 122
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	---
	any Gen Ed in Social Science	3	Gen Ed Social Science	POL 112
	any Gen Ed in Social Science	3	Gen Ed Social Science	PSY 111
	any Gen Ed in Cultures	3	Gen Ed Cultures	---
Prerequisites				
SOC 110	Principles of Sociology	3	Prereq. for SOC 384	---
Major Courses				
PS 100	U.S. Government	3	Major	---
BA 210	Management Principles	3	Major	---
PS 230	State and Local Government	3	Major	POL 112
PA 364	Public Administration	3	Major	---
SOC 384	Social Welfare Programs and Policies	3	Major	---
PA 440	Public Budgeting Process	3	Major	---
PA 445	Administrative Law	3	Major	---
PA 498	Senior Project •	3	Major	---
<i>One of the following:</i>		3	Major	---
PA 430	Cases in Public Administration			
BA 454	Management Cases •			
<i>Three of the following:</i>		9	Major	---
ECON 160	Principles of Microeconomics	BA 361	Human Resources Management	
MATH 220	Elementary Statistics •	SOC 361	Marriage and the Family	
SOC 220	Social Problems	BA 362	Supervision •	
PSY 240	Conflict Resolution	PS 362	The Legislative Process	
SOC 240	Diversity in the United States (Fulfills Cultures Requirement)	BA 390	Complex Organizations	
BA 302	Business Law and Ethics	PS 403	Internship	
PSY 302	Substance Abuse	PS 411	American Constitutional Law I	
CJ 333	Criminology			
Upper-Division Elective		3	Degree Requirements	----
Total additional credits needed at UIU to complete degree:		66		
Total transferable credits from DMACC:		64		
Total Earned Credits:		130		

Courses to be taken at Upper Iowa University

~~ NOTES ~~

The public administration core of 27 credits and emphasis of nine credits must be completed for a total of 36 semester credits.

These areas of emphasis are designed to build on relevant prior learning in law enforcement and fire science by adding management and social science perspectives to prepare a student to understand public organizations and to utilize that knowledge to manage, plan and administer public policy in the areas of police and fire science.

The public administration major with an emphasis in law enforcement or fire science is a unique program that is only available to those individuals who have completed related college courses, training in law enforcement or fire science, and/or who have extensive work experience in law enforcement or fire science. Eligibility for this emphasis is dependent upon documentation of completion of: an associate degree in a field related to law enforcement or fire science, a basic recruit or fire science academy, or transfer or completion of 15 semester credits of related coursework. Eligibility may also be determined based on a combination of experiential learning and college credit. The minimum 15 semester credits of related credit count toward the 120 semester credits for degree completion as electives.

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.

Maximize Your Transfer to UIU

Take up to 12 credits to fulfill general education and major requirements.

Choose up to 12 additional credits at Des Moines Area Community College 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 12 credits from the following areas:

- Arts/Humanities General Education Requirement – up to 6 credits
- Computer Skills General Education Requirement – up to 3 credits
- Mathematics General Education Requirement – up to 3 credits
- Natural Science General Education Requirement – up to 3 credits
- Cultures General Education Requirement – up to 3 credits
- Major/Business Core – up to 12 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 and 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.

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 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 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	Intro to Philosophy	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 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.
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.
Computer Skills General Education Requirement						
CSC 110	Intro to Computers	3	CS 102	Intro to Computer Applications & Technology	3	Gen Ed Comp. Skills
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 United States	3	Gen Ed Cultures or Gen Ed Soc. Sci.
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 & 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 and 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.

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.)						
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.
CHM 105	Survey of Chemistry	3	CHEM 140	Chemistry for Everyday Life	3	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.
Mathematics General Education Requirement						
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 157	Statistics	4	MATH 220	Elementary Statistics	4	Gen Ed Mathematics
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
Major Requirement						
SOC 110	Introduction to Sociology	3	SOC 110	Principles of Sociology	3	Major
POL 111	American National Government	3	PS 100	U.S. Government	3	Major
ECN 130	Principles of Microeconomics	3	ECON 160	Principles of Microeconomics	3	Major
MAT 157	Statistics	4	MATH 220	Elementary Statistics •	4	Major
SOC 115	Social Problems	3	SOC 220	Social Problems	3	Major
HSV 133	Conflict Resolution	3	PSY 240	Conflict Resolution	3	Major
SOC 200	Minority Group Relations	3	SOC 240	Diversity in the United States	3	Major
BUS 185	Business Law I	3	BA 302	Business Law and Ethics	3	Major
HSV 255	Addictive Disease Concepts	3	PSY 302	Substance Abuse •	3	Major
SOC 240	Criminology	3	CJ 333	Criminology •	3	Major
ASM 279	HealthCare Human Resources	3	BA 361	Human Resources Management •	3	Major
SOC 120	Marriage & Family	3	SOC 361	Marriage and the Family •	3	Major
MGT 130	Principles of Supervision	3	BA 362	Supervision •	3	Major