

DRAKE UNIVERSITY ARTICULATION AGREEMENT

with

DES MOINES AREA COMMUNITY COLLEGE

*a course equivalency listing and
transfer planning guide for the*

AREAS OF INQUIRY DRAKE CURRICULUM

***DRAKE GENERAL EDUCATION FOR ENTRY
SPRING 2016 AND LATER***

Also including:

An introduction to using this guide
Transfer credit limits and application procedures
Course recommendations by College & School

This articulation agreement is based on the Des Moines Area Community College 2015-2016 General Catalog and the Drake University 2015-2016 General Catalog. Changes may occur prior to your first semester at Drake University. In the academic advising appointment with your Drake University College or School representative, inquire about any changes and how they may be relevant to creating your degree plan and reaching your educational goals. Please refer to www.drake.edu for up to date information.

For more information please contact:

Drake University Office of Admission, 2507 University Avenue, Des Moines, IA 50311
Phone: 1-800-44-DRAKE x3181 or 1-515-271-3181 locally
www.drake.edu

September 2015

Welcome!

Welcome to the Drake University / DMACC course equivalency and transfer planning guide. We are glad that you have an interest in transferring to Drake University and hope that you will find this articulation agreement to be a useful tool in planning a smooth transition from community college to your baccalaureate program.

Transfer Credit

A cumulative total of 66 semester hours of transfer credit from all two-year institutions attended may be applied to any degree from Drake University. For students PharmD students, a maximum of 179 semester hours of transfer credit will apply toward the Drake degree; for *all other majors*, a maximum of 94 semester hours of transfer credit will apply toward the Drake degree. The last 30 semester hours must be completed in residence.

Course Applicability

EQUIVALENT: For courses from DMACC which have direct course equivalents at Drake, this agreement shows the Drake course with the course number in boldface.

ELECTIVE: Students will be granted college transfer credit for courses in this category. However, these courses are not equivalent to any single Drake course. A course in this category may be used to fulfill required or elective course requirements at the discretion of the Associate or Assistant Dean of the Drake college or school in which a student is enrolled.

CAREER-TECH: A maximum of 16 semester hours of career-technical elective credit may be granted at the discretion of the Associate or Assistant Dean of the Drake college or school in which the student is enrolled.

NO CREDIT: Drake will not grant credit for these courses.

Regardless into which category a course may be placed (equivalents or electives), the Academic Representative of the Drake college or school to which you are granted admission will determine how each transfer course meets specific requirements for the degree you are seeking. After having been admitted, it is your responsibility to contact your college or school Dean's Office to begin planning the details of your degree program. It is recommended that students planning for transfer to Drake save DMACC course syllabi for in-depth review for transfer.

Application Procedures

To be considered for admission, transfer students must submit a completed application for admission with the \$25 application fee (waived for online applications) and official transcripts from all institutions attended. Notification of admission decisions takes place beginning October/November for fall applicants whose files are complete and thereafter within three weeks of all required materials are received. Spring admission notification begins in August. After admission, students receive an official evaluation of their transfer credits and are given the name of an academic representative for degree planning. Students requesting on-campus housing will receive Residence Life information with their admission letter. Orientation, registration, and financial aid information is sent later, each under separate cover.

Financial Aid

Students who are applying for financial assistance must file a FAFSA (Free Application for Federal Student Aid). Information may be found at www.fafsa.ed.gov/ Drake's code number is **001860**. March 1st is the priority filing deadline for federal, state and institutional aid.

Military Service

Military veterans may apply to receive additional credit for military service experience or military education. Please submit transcripts and the DD214 directly to the Drake University Director of Student Records, who will prepare documents to be considered by the Dean of the Drake college or school to which you are admitted. If credit is to be granted, your Dean will notify the Records office.

Transfer Planning

Students at Drake University develop individual core curriculum plans with the assistance of their faculty advisor. This core curriculum, known as the "Drake Curriculum", consists of coursework that covers ten Areas of Inquiry (AOIs):

- 1) Written Communication (WRIT)
- 2) Critical Thinking (CRIT)
- 3) Information Literacy (INFO)
- 4) Artistic Experience (ARTS)
- 5) Historical Foundations (HISF)
- 6) Global and Cultural Understanding (GLOB)
- 7) Scientific Literacy (LIFE, PHSC)
- 8) Quantitative Literacy (QUAN)
- 9) Values and Ethics (VE)
- 10) The Engaged Citizen (CITZ)

DMACC courses that meet these requirements can be found beginning on page 17. Further details about the Drake Curriculum and the ten Areas of Inquiry can be found at www.drake.edu/dc/

College of Arts and Sciences

Drake accepts courses at their DMACC credit-hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select courses that will also fulfill those requirements. Additional courses chosen to complete the A. A. degree will be evaluated by Drake according to the standard Course Articulation Agreement; a maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The College of Arts & Sciences will determine how each transferred course meets specific degree requirements.

Below are recommended courses for majors in the College of Arts and Sciences. For a complete list of major, minor, and concentration requirements, visit the Drake University Undergraduate Catalog at www.drake.edu/catalog

DMACC COURSE	DRAKE UNIVERSITY EQUIVALENT COURSE
Anthropology and Sociology	
ANT 105 Cultural Anthropology	SCSA 002 Intro to Cultural Anthropology
SOC 110 Introduction to Sociology	SCSS 001 Survey of Sociology
Art (Art History, Graphic Design, Studio Arts)	
ART 133 Drawing	ART 015 Drawing I
ART 143 Painting	ART 063 Painting I
Astronomy	
CHM 165 General/Inorganic Chemistry I	CHEM 001/003 General Chemistry I and Lab
MAT 211 Calculus I	MATH 050 Calculus I
MAT 217 Calculus II	MATH 070 Calculus II
MAT 219 Calculus III	MATH 100 Calculus III
PHY 213 Classical Physics I	PHY 001 Physics I and Lab
PHY 223 Classical Physics II	PHY 002 Physics I and Lab
CIS 171 Java	CS 065 Introduction to Computer Science I
Biochemistry, Cell and Molecular Biology	
BIO 112 General Biology I	BIO 012/012L Gen/Pre-Professional Biology I and Lab
BIO 113 General Biology II	BIO 013/013L Gen/Pre-Professional Biology II and Lab
BIO 168 Anatomy and Physiology I	Biology Elective
BIO 173 Anatomy and Physiology II	Biology Elective
CHM 165 General/Inorganic Chemistry I	CHEM 001/003 General Chemistry I and Lab
CHM 175 General/Inorganic Chemistry II	CHEM 002/004 General Chemistry II and Lab
CHM 263 Organic Chemistry I	CHEM 097/098 Organic Chemistry I and Lab
CHM 273 Organic Chemistry II	CHEM 108/110 Organic Chemistry II and Lab
MAT 211 Calculus I (or Mat 157 Statistics for BA degree)	MATH 050 Calculus (or STAT 060: Stat for Life Sciences)
PHY 160 General Physics I (not required for BA degree)	PHY 011 Physics I and Lab
PHY 161 General Physics II (not required for BA degree)	PHY 012 Physics II and Lab
Biology	
BIO 112 General Biology I	BIO 012/012L: Gen/Pre-Professional Biology I and Lab
BIO 113 General Biology II	BIO 013/013L: Gen/Pre-Professional Biology II and Lab
CHM 165 General/Inorganic Chemistry I	CHEM 001/003 General Chemistry I and Lab
CHM 175 General/Inorganic Chemistry II	CHEM 002/004 General Chemistry II and Lab
CHM 263 Organic Chemistry I	CHEM 097/098: Organic Chemistry I and Lab
CHM 273 Organic Chemistry II	CHEM 108/110 Organic Chemistry II and Lab
MAT 129 Precalculus (highest level required for BA degree)	MATH 020 College Algebra
MAT 211 Calculus I (highest level required for BS degree)	MATH 050 Calculus I
PHY 160 General Physics I	PHY 011 Physics I and Lab
PHY 161 General Physics II	PHY 012 Physics II and Lab

Chemistry	
CHM 165 General/Inorganic Chemistry I CHM 175 General/Inorganic Chemistry II CHM 263 Organic Chemistry I CHM 273 Organic Chemistry II MAT 211 Calculus I (highest level required for BA degree) MAT 217 Calculus II (highest level required for BS degree) PHY 160 General Physics I PHY 161 General Physics II (not required for BA degree)	CHEM 001/003 General Chemistry I and Lab CHEM 002/004 General Chemistry II and Lab CHEM 097/098: Organic Chemistry I and Lab CHEM 108/110 Organic Chemistry II and Lab MATH 050 Calculus I MATH 070 Calculus II PHY 011 Physics I and Lab PHY 012 Physics II and Lab
Computer Science	
MAT 211 Calculus I CIS 171 Java CIS 152 Data Structures	MATH 050 Calculus I CS 065 Introduction to Computer Science I CS 066 Introduction to Computer Science II
Data Analytics	
MAT 211 Calculus I MAT 217 Calculus II CIS 171 Java	MATH 050 Calculus I MATH 070: Calculus II CS 065 Introduction to Computer Science I
English/English Writing	
*ENG 108 Comp II: Technical Writing *ENG 225 Creative Writing: Poetry *ENG 230 Creative Writing: Fiction *ENG 235 Playwriting and Screenwriting	ENG 094 Business & Administrative Writing ENG 091 Reading and Writing Poetry ENG 092 Reading and Writing Short Story ENG 090 Reading and Writing Drama
<i>*Select minimum 1 course in genre of interest. Recommended cross-enrollment courses: ENG 038: Writing Seminar, ENG 039: Literary Seminar, or other English courses 020-099</i>	
Environmental Policy	
ENV 115 &116 Environmental Science & Lab ENV 145: Conservation Biology BIO 112 General Biology I BIO 113 General Biology II ECN 130 Principles of Microeconomics POL 111 American National Government	ENSP 035/036: One Earth: Global Environmental Sci and Lab ENSP 125: Conservation Biology BIO 012/012L: Gen/Pre-Professional Biology I and Lab BIO 013/013L: Gen/Pre-Professional Biology II and Lab ECON 002 Principles of Microeconomics POLS 001 American Political System
Environmental Science	
ENV 115 &116 Environmental Science & Lab ENV 145: Conservation Biology BIO 112 General Biology I BIO 113 General Biology II BIO 295 General Ecology and Lab CHM 165 General/Inorganic Chemistry I MAT 157 Statistics	ENSP 035/036: One Earth: Global Environmental Sci and Lab ENSP 125: Conservation Biology BIO 012/012L Gen/Pre-Professional Biology I and Lab BIO 013/013L Gen/Pre-Professional Biology II and Lab BIO 117118L Ecology and Lab CHEM 001/003 General Chemistry I and Lab STAT 060 Statistics for the Life Sciences
History	
HIS 112 Western Civilization: Ancient to Early Modern HIS 113 Western Civilization: Early Modern to Present HIS 150 U.S. History to 1877 HIS 153 U.S. History since 1877	History Elective History Elective HIST 075 US History to 1877 HIST 076 US History since 1877

International Relations	
ECN 120 Principles of Macroeconomics ECN 130 Principles of Microeconomics POL 111 American National Government POL 121 International Relations POL 125 Comparative Government and Politics Elementary & Intermediate Language Courses*	ECON 010 Principles of Macroeconomics ECON 002 Principles of Microeconomics POLS 001 American Political System POLS 075 World Politics POLS 065 Comparative Politics Language 001, 002, 051, 052
*Students are required to complete two years of coursework or credits in a single language or demonstrate equivalent competence. Options for fulfilling this requirement include bilingual competence due to family background or life experience, high school training, or college coursework.	
Recommended cross-enrollment courses: HIST 001: Passages to 1750 and HIST 002: Passages Since 1750	

Kinesiology	
BIO 112 General Biology I BIO 113 General Biology II CHM 165 General/Inorganic Chemistry I CHM 175 General/Inorganic Chemistry II CHM 263 Organic Chemistry I CHM 273 Organic Chemistry II MAT 129 Precalculus (highest level required for BA degree) MAT 211 Calculus I (highest level required for BS degree) PHY 160 General Physics I	BIO 012/012L: Gen/Pre-Professional Biology I and Lab BIO 013/013L: Gen/Pre-Professional Biology II and Lab CHEM 001/003 General Chemistry I and Lab CHEM 002/004 General Chemistry II and Lab CHEM 097/098: Organic Chemistry I and Lab CHEM 108/110 Organic Chemistry II and Lab MATH 020 College Algebra MATH 050 Calculus I PHY 011 Physics I and Lab

Law, Politics and Society	
BUS 185 Business Law I ECN 120 Principles of Macroeconomics ECN 130 Principles of Microeconomics POL 111 American National Government POL 121 International Relations POL 125 Comparative Government and Politics SOC 110 Introduction to Sociology	BLAW 060 Business Law I ECON 010 Principles of Macroeconomics ECON 002 Principles of Microeconomics POLS 001 American Political System POLS 075 World Politics POLS 065 Comparative Politics SCSS 001 Survey of Sociology
Courses above are not required by major, but do serve as pre-requisites for courses that do satisfy major requirements. Two courses in Anthropology, Economics, English, Environmental Science & Policy, History, Philosophy, Politics, Religion, Speech or Sociology are applicable to major requirements.	

Mathematics/Mathematics for Secondary Education	
MAT 211 Calculus I MAT 217 Calculus II MAT 219 Calculus III CIS 171 Java	MATH 050 Calculus I MATH 070 Calculus II MATH 100 Calculus III CS 065 Introduction to Computer Science I

Music (Applied, Music Business, Music Education, BA in Music)	
MUS 106 Materials of Music I MUS 107 Materials of Music II MUS 202 World Music	Music Elective* Music Elective* MUS 081 World Music
*Students are evaluated for appropriate music theory placement. Credits will be reevaluated after completion of proficiency testing.	

Philosophy	
PHI 101 Introduction to Philosophy PHI 105 Introduction to Ethics	PHIL 021 Introduction to Philosophy PHIL 091: Contemporary Ethical Problems
Recommended cross-enrollment courses: PHIL 090: Ethics	

Physics/Engineering	
CHM 165 General/Inorganic Chemistry I MAT 211 Calculus I MAT 217 Calculus II MAT 218 Calculus III PHY 213 Classical Physics I PHY 223 Classical Physics II CIS 171 Java	CHEM 001/003 General Chemistry I and Lab MATH 050 Calculus I MATH 070 Calculus II MATH 100 Calculus III PHY 001 Physics I and Lab PHY 002 Physics I and Lab CS 065 Introduction to Computer Science I
Politics	
POL 111 American National Government POL 121 International Relations POL 125 Comparative Government and Politics	POLS 001 American Political System POLS 075 World Politics POLS 065 Comparative Politics
Psychology	
PSY 111 Introduction to Psychology PSY 241 Abnormal Psychology PSY 251 Social Psychology PSY 261 Human Sexuality PSY 291 Principles of Behavior Modification Courses should be selected based on area of interest.	PSY 0—Introduction to Psychology (fulfills PSY 001 requirement) PSY 076 Abnormal Psychology PSY 030 Social Psychology PSY 081 Human Sexuality PSY 060 Principles of Behavior
<i>*Recommended cross-enrollment courses: PSY 010 Research Methods and PSY 011 Introductory Statistics</i>	
Religion	
PHI 105 Introduction to Ethics	PHIL 091 Contemporary Ethical Problems
<i>Recommended cross-enrollment courses: REL 064 Intro to Buddhism</i>	
Rhetoric, Media, and Social Change	
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking
<i>Recommended cross-enrollment courses: SCSR 024 Rhetoric and Social Change</i>	
Sociology	
SOC 110 Introduction to Sociology SOC 115 Social Problems SOC 120 Marriage and Family	SCSS 001 Survey of Sociology Sociology Elective SCSS 050 Intimate Relations

College of Business & Public Administration

Courses are accepted by Drake at their DMACC semester hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the DMACC A.A. degree will be evaluated by Drake according to the Course Articulation Agreement. A maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The Associate Dean will determine how each transferred course meets specific degree requirements. **Recommended DMACC classes for students planning to transfer into a business major include the following:**

DMACC COURSE	DRAKE UNIVERSITY EQUIVALENT COURSE
ECN 120 Principles of Macroeconomics	ECON 010 Principles of Macroeconomics
ECN 130 Principles of Macroeconomics	ECON 002 Principles of Macroeconomics
MAT 166 Calculus for Bus / Social Science or MAT 211 Calculus I*	MATH 028 Business Calculus or Math 050 Calculus I
MAT 157 Statistics or BUS 211 Business Statistics	STAT 071 Statistics I
ACC 131 Principles of Accounting I	ACCT 041 Intro to Financial Accounting
ACC 132 Principles of Accounting II	ACCT 042 Intro to Managerial Accounting
BUS 185 Business Law I	BLAW 060 Business Law I
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking

All Business majors should plan to take computer foundation course IS 44 – IT Applications for Business at Drake University.

* Actuarial science majors should take MAT 211, 217 and 219.

Students with questions about other courses that may be specific to certain majors should contact the Associate Dean.

School of Journalism & Mass Communication

Courses are accepted by Drake at their DMACC semester hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses chosen to complete the A.A. degree will be evaluated by Drake according to the standard Course Articulation Agreement; a maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. Transfer students majoring in journalism may transfer a maximum of 12 journalism credits. The Assistant Dean will determine how each transferred course meets specific degree requirements.

Recommended DMACC classes for students planning to transfer into the School of Journalism and Mass Communication include the following:

DMACC COURSE	DRAKE UNIVERSITY EQUIVALENT COURSE
JOU 110 Introduction to Mass Media	JMC 030 Mass Media in a Global Society
JOU 121 Basic Reporting Principles	JMC 054 Reporting & Writing Principles

Prospective Advertising majors may also include MKT 150 Principles of Advertising.

School of Education

Courses are accepted by Drake at their DMACC semester hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the DMACC A.A. degree will be evaluated by Drake according to the Course Articulation Agreement. A maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The Associate Dean will determine how each transferred course meets specific degree requirements. Use the following as a guide for elementary or secondary education programs. Refer to page 11 for the early childhood program.

3-Step DMACC Transfer Plan to Drake University for Elementary or Secondary Education Students

Cumulative GPA must equal 2.5 or higher; maximum of 66 credit hours may be transferred

1. Education Courses for Transfer:

DMACC	Articulated to	DRAKE UNIVERSITY
EDU 213 Introduction to Education		EDUC 103 Foundations in Education
EDU 245 Exceptional Learner		SPED 120 Introduction to Special Education
PSY 281 Educational Psychology (Special Section)		EDUC 108 Student Development & Learning Theory
Education Courses for Cross-Enrollment while at DMACC or first semester of junior year at Drake:		EDUC 111 Education Planning & Assessment
		EDUC 109 Educational Tech
		EDUC 164 Critical Perspectives on Race, Gender, and Ethnicity

2. General Education (Drake Areas of Inquiry) for Transfer:

DMACC and Drake University have an articulation agreement for general education courses. This outline serves as a subset of that agreement. While any designated course on Drake AOI approved course list will fulfill an AOI, the Drake School of Education recommends the following courses for fulfilling AOI's at Drake because they also are appropriate for building endorsements at the elementary or secondary level.

Note: Although a course may be listed in more than one category, it may be used to fulfill only one general education/AOI. An education course, however, may fulfill a program requirement as well as an AOI requirement at Drake University. The AOI requirements with applicable education courses are marked with an asterisk (*)

DMACC	DRAKE UNIVERSITY
<u>Written Communication (elementary and secondary majors should choose one course from the following)</u>	
ENG 105 Composition I	ENG 001 Eng Comp (Seminar for Reading & Writing)
ENG 106 Composition II	ENG 0-- English Composition for AOI
ENG 108 Comp II: Technical Writing	ENG 094 Business Writing
ENG 221 Creative Writing	ENG 0-- English elective
ENG 230 Creative Writing: Fiction	ENG 092 Reading & Writing Short Story
ENG 225 Creative Writing: Poetry	ENG 091 Reading & Writing Poetry
ENG 235 Playwriting & Screenwriting	ENG 090 Reading/Writing Drama
JOU 121 Basic Reporting Principles	JMC 054 The News & Reporting Principles
<u>Critical Thinking (elementary and secondary majors should choose one course from the following)</u>	
ACC 131 Principles of Accounting I	ACCT 041 Introduction to Accounting
PHI 101 Introduction to Philosophy	PHIL 021 Introduction to Philosophy
PHI 110 Introduction to Logic	PHIL 051 Logic & Critical Thinking
PSY 251 Social Psychology	PSY 030 Social Psychology
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking
BUS 185 Business Law	BLAW 060 Business Law I

***Information Literacy (one education program course – to take at Drake)**

Save for later in the program at Drake School of Education

EDUC 109 Educational Technology

Artistic Experience (Secondary majors should choose one course from the following. Elementary majors should save for later in the program at Drake School of Education EDUC 113 Art Integration in Education)

ART 101 Art Appreciation

ART 074 Introduction to Art

ART 133 Drawing

ART 015 Drawing I

DRA 101 Introduction to Theatre

THEA 076 Introduction to Theatre

MUS 100 Music Appreciation

MUS 080 Music in Western Culture

MUS 102 Music Fundamentals

MUS 011 Foundations of Music Theory

MUS 202 World Music

MUS 081 World Music for Music Majors

Historical Foundations (elementary and secondary majors should choose two courses from the following)

HIS 112 Western Civ: Ancient to Early Modern

HIST 001 Passages to 1750

HIS 113 Western Civ: Early Modern to Present

HIST 002 Passages from 1750 to present

HIS 150 US History to 1877

HIST 075 US History to 1877

HIS 153 US History since 1877

HIST 076 US History 1877 to present

HIS 201 Iowa History

HIST 0-- History elective

HIS 216 History of Modern Russia

HIST 0-- History elective

HIS 249 StudyAbroad: BritLife & Culture

HIST 0-- History elective

HIS 257 African-American History

HIST 0-- History elective

HIS 266 The Civil War

HIST 0-- History elective

***Global and Cultural Understanding (one education program course - to taken at Drake)**

Program course—cross enroll at Drake University or save for later in the program at Drake School of Education

EDUC 164 Critical Perspectives on Race, Gender, and Ethnicity

****Scientific Literacy - Life Science (secondary majors should choose one course from the following; see below for elementary majors. **One of the science AOI's must include a lab and classes may not be double-counted even if they fit into two categories.)**

BIO 104 Opportunities in Biology

BIO 001 Biological Sciences Non-majors

BIO 135 Introduction to Botany

BIO 019 Introduction to Botany

BIO 164 Essentials Anatomy/Physiology

BIO 0-- Biology elective

BIO 225 Marine Biology I

BIO 0-- Biology elective

BIO 732 Health Science Microbiology

BIO 0-- Biology elective

BIO 733 Health Science Anatomy

BIO 0-- Biology elective

BIO 734 Health Science Physiology

BIO 0-- Biology elective

BIO 156 Human Biology w/ Lab

BIO 0-- Life Science for AOI

CHM 122 Introduction to General Chemistry

CHEM 006/007 Chem for the Informed Citizen

BIO 112 General Biology I and II

BIO 001 Life Science

PSY 111 Introduction to Psychology

PSY 0-- Life Science for AOI

CHM 273 Organic Chemistry II

CHEM 108 & 110 & elective

ENV 115 and ENV 116 Environmental Science with Lab

ENSP 035/036 One Earth Glob Science & Lab

Elementary majors are encouraged to choose from among this shorter list:

PSY 111 Introduction to Psychology

PSY 0-- Life Science for AOI

BIO 112 General Biology I and II

BIO 001 Gen & Pre Prof Bio I

ENV 115 and ENV 116 Environmental Science with Lab

ENSP 035/036 One Earth Glob Science & Lab

****Scientific Literacy Physical Science (secondary majors should choose one course from the following; see below for elementary majors. **One of the science AOI's must include a lab and classes may not be double-counted even if they fit into two categories.)**

CHM 122 Introduction to General Chemistry	CHEM 006/007 Chem for the Informed Citizen
CHM 165 General / Inorganic Chemistry I	CHEM 001/003 Gen Chemistry I
PHS 152 Astronomy	ASTR 001/01L
PHY 106 Survey of Physics	PHSC 001 Physical Science
PHY 160 General Physics I	PHY 011 General Physics I
PHY 213 Classical Physics I	PHY 001 Introduction Physics I
CHEM 273 Organic Chemistry II	CHEM 108 & 110 & elective
PHS 166 Meteorology, Weather, and Climate	ENSP 022/023 Meteorology

Elementary majors are encouraged to choose from among this shorter list:

PHS 152 Astronomy	ASTR 001/01L Descript Astronomy
PHS 166 Meteorology, Weather, and Climate	ENSP 022/023 Meteorology

Quantitative Literacy (secondary majors should choose one course from the following and elementary majors should choose two courses from the following)

MAT 121 College Algebra	MATH 0-- Math Elective
MAT 141 Finite Math	MATH 0-- Math Elective
MAT 162 Principles of Business Statistics	STAT 0-- Stat Elective
MAT 166 Calculus for Business / Social Science	MATH 028 Business Calculus
MAT 129 Precalculus	MATH 020 College Algebra
MAT 211 Calculus I	MATH 050 Calculus I
MAT 217 Calculus II	MATH 070 Calculus II
MAT 219 Calculus III	MATH 100 Calculus III
MAT 114 Elementary Educators Math I	MATH 024 Structure of Math for EI Ed
MAT 116 Elementary Educators Math II	MATH 025 Structure of Math for EI Ed II
MAT 157 Statistics	STAT 071 Statistics I

***Values and Ethics (one education program course; to be taken at Drake)**

EDU 213 Introduction to Education	EDUC 103 Foundations in Education
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The Engaged Citizen (elementary and secondary majors should choose one course from the following)

CRJ 132 Constitutional Law	General Elective
POL 163 News Media and Politics	POLS 0-- Elective
SOC 282 Environmental Sociology	SCSS 0-- Elective

3. PPST/PRAxis I Testing: Contact Prometric Test Center (515-224-5917) to take the Praxis Core test for teacher educators by early fall of the Sophomore year. A passing score is a composite score (reading + math + writing) of 448+, which must be received by Drake before acceptance into the Teacher Education Program and registration for methods courses can be processed. The cost of this test is the responsibility of the student. Full admission to the Teacher Education Program at Drake also requires an application and two letters of recommendations and a clear background check.

- Cumulative grade point average for DMACC courses must be 2.5 or higher to transfer to Drake University ready to enter the Teacher Education Program.
- 47-49 credit hours, while enrolled at DMACC, are needed to complete 6 education courses and satisfy all the general education (AOI credits) at Drake.
- 17-19 additional credit hours may apply to endorsement areas/AA degree requirements.
- Contact the Associate Dean's Office at Drake's School of Education for specific endorsement requirements. For endorsement program options see: www.drake.edu/soe/

Drake University Early Childhood Education Endorsement Transfer Plan – Effective 9/2015

Courses are accepted by Drake at their DMACC semester hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select course which will also fulfill those requirements. Additional courses used to complete the DMACC A.A.S. degree will be evaluated by Drake according to the Course Articulation Agreement. A maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The Associate Dean will determine how each transferred course meets specific degree requirements. Use the following as a guide.

Transfer Plan to Drake University for DMACC Early Childhood Education Students

Cumulative GPA must equal 2.5 or higher; maximum of 66 credit hours may be transferred

1. Early Childhood Education Courses for Transfer to the Early Childhood (103) Endorsement

DMACC	Articulated to	DRAKE UNIVERSITY
ECE 133 (3) Child Health Safety & Nutrition + ECE 170 (3) Child Growth and Development ECE 103 (3) Introduction to Early Childhood Education + ECE 158 (3) Curriculum I + ECE 221 (3) Infant/Toddler Care & Education ECE 159 (3) Curriculum II + ECE 243 (3) Early Childhood Guidance ECE 262 (3) Field Experience		EDUC 108 Student Development & Learning Theory EDUC 152 Curriculum in Early Childhood EDUC 153 Methods in Early Childhood Education EDUC 104 Education Practicum
ECE 130 (1) Emergency Care ECE 343 (1) Guidance Lab ECE 359 (1) Curriculum Lab ECE 932 (2) Internship ECE 944 (1) Field Experience Seminar ECE 215 (3) Home, School, Community Relationships SDV 108 (1) The College Experience		Additional courses to be completed at DMACC for an A.A.S. in ECE
<i>Education Courses for Cross-Enrollment while at DMACC or first semester of junior year at Drake</i>		EDUC 107 Learning & Assessment EDUC 109 Educational Technology EDUC 164 Critical Perspectives on Race, Gender and Ethnicity

General Education (Drake Areas of Inquiry) for Transfer

DMACC	DRAKE UNIVERSITY
<i>Written Communication (one course from the following)</i>	
ENG 105 (3) Composition I	ENG 001 Seminar in Reading and Writing
ENG 106 (3) Composition II	ENG 0—English Composition for AOI

* DMACC ECE students select ENG 105 to meet communications requirement, ENG 106 to meet distributed requirement

DMACC	DRAKE UNIVERSITY
Critical Thinking (one course from the following)	
PHI 101 (3) Introduction to Philosophy	PHIL 021 Introduction to Philosophy
PSY 251 (3) Social Psychology	PSY 030 Social Psychology
SPC 101 (3) Fundamentals of Oral Communication	SCSR 073 Public Speaking

* DMACC ECE students select PSY 251, PHI 101 or SPC 101 (or EDU 213 from Values and Ethics below) to meet DMACC elective requirement.

DMACC	DRAKE UNIVERSITY
Information Literacy (one education program course)	
Save for later in the program at Drake School of Education	EDUC 109 Educational Technology

DMACC	DRAKE UNIVERSITY
Artistic Experience	
<i>(secondary majors should choose one course from the following; elementary majors should wait to meet this requirement at Drake)</i>	
ART 101 (3) Art Appreciation	ART 074 Introduction to Art
DRA 101 (3) Introduction to Theater	THEA 076 Introduction to Theater
MUS 100 (3) Music Appreciation	MUS 080 Music in Western Culture

* DMACC ECE students select one course from ART 101, DRA 101 or MUS 100 to meet social & behavioral sciences/humanities requirement

Note that elementary majors, including those in ECE, will be required to take an EDUC 113 Arts Integration at Drake and it meets the Artistic Experience requirement, so those students should wait to meet this requirement

DMACC	DRAKE UNIVERSITY
Historical Foundations (2 courses)	
HIS 112 (4) Western Civ: Ancient to Early Modern	HIST 001 Passages to 1750
HIS 113 (4) Western Civ: Early Modern to Present	HIST 002 Passages from 1750 to present
HIS 150 (4) US History to 1877	HIST 075 US History to 1877
HIS 153 (4) US History since 1877	HIST 076 US History 1877 to present

* DMACC ECE students select 2 courses to meet option requirements

DMACC	DRAKE UNIVERSITY
**Scientific Literacy - Life Science (one course from the following)	
BIO 112 (4) and 113 (4) General Biology I & II	BIO 001 Life Science
BIO 156 (3) Human Biology w/ Lab	BIO 0-- Life Sciences for AOI
CHM 122 (4) Introduction to General Chemistry	CHEM 006/007 Chem for the Informed Citizen
ENV 115 & ENV 116 (4) Environmental Science with Lab	ENSP 035/036 One Earth Glob Science & Lab

*DMACC ECE students select 1 course from BIO 156, CHM 122, BIO 112, BIO 113, or ENV 115 & 116 to meet mathematics and science requirement

Note that **Elementary majors** are encouraged to choose from among this shorter list:

PSY 111 Introduction to Psychology

PSY 0-- Life Science for AOI

BIO 112 General Biology I and II

BIO 001 Gen & Pre Prof Bio I

ENV 115 and ENV 116 Environmental Science with Lab

ENSP 035/036 One Earth Glob Science & Lab

DMACC	DRAKE UNIVERSITY
** Scientific Literacy - Physical Science (one course from the following)	
CHM 122 (4) Introduction to General Chemistry	CHEM 006/007 Chem for the Informed Citizen
CHM 165 (4) General/Inorganic Chemistry	CHEM 001/003 Gen Chemistry I
CHM 273 (5) Organic Chemistry II	CHEM 108 & 110 & elective
PHS 152 (4) Astronomy	ASTR 001/01L Descript Astronomy
PHS 166 (4) Meteorology, Weather, and Climate	ENSP 022/023 Meteorology
PHY 106 (4) Survey of Physics	PHSC 001 Physical Science
PHY 160 (5) General Physics	PHY 011 General Physics 1
PHY 213 (6) Classical Physics	PHY 001 Introduction to Physics I

Students select 2 courses to meet option 1 requirements. ** One of the science AOl's must include a lab and classes may not be double-counted even if they fit into two categories.

Note that Elementary majors are encouraged to choose from among this shorter list:

PHS 152 Astronomy

ASTR 001/01L Descript Astronomy

PHS 166 Meteorology, Weather, and Climate

ENSP 022/023 Meteorology

Students may elect to take additional courses at DMACC to transfer to Drake. Students may receive transfer credit for up to 66 credits at Drake University.

DMACC	DRAKE UNIVERSITY
Quantitative Literacy <i>(one course from the following for secondary majors; two courses for elementary majors)</i>	
MAT 116 (3) Elementary Educators Math II	MATH 025 Structure of Math for EI Ed II
MAT 121 (4) College Algebra	Math 0-- Math Elective
MAT 129 (5) Precalculus	MATH 020 College Algebra
MAT 141 (4) Finite Math	Math 0-- Math Elective
MAT 162 (4) Principles of Business Statistics	Stat 0-- Stat Elective
MAT 166 (4) for Business/Social Science	MATH 028 Business Calculus
MAT 211 (5) Calculus I	MATH 050 Calculus I
MAT 217 (5) Calculus II	MATH 070 Calculus II
MAT 219 (4) Calculus III	Math 100 Calculus III
MAT 114 (3) Elementary Educators Math I	MATH 025 Math for Elementary Educators
MAT 157 (4) Statistics	STAT 071 Statistics I

DMACC	DRAKE UNIVERSITY
Values and Ethics (one education program course)	
EDU 213 (3) Introduction to Education	EDUC 103 Foundations in Education

DMACC	DRAKE UNIVERSITY
The Engaged Citizen (elementary and secondary majors should choose one course from the following)	
CRJ 132 (3) Constitutional Law	General Elective
POL 163 (3) News Media and Politics	POLS 0-- Elective
SOC 282 (3) Environmental Sociology	SCSS 0-- Elective

2. PPST/PRACTICE I Testing:

Contact Prometric Test Center (515-224-5917) to take the Praxis Core test for teacher educators by early fall of the sophomore year. A passing composite scores of 448+ (Reading + Math + Writing) must be received by Drake before acceptance into the Teacher Education Program and registration for methods courses can be processed. The cost of this test is the responsibility of the student. Full admission to the Teacher Education Program at Drake also requires an application and two letters of recommendation.

- Cumulative grade point average for DMACC courses must be 2.5 or higher to transfer to Drake University ready to enter the Teacher Education Program.
- 52 - 55 credit hours, while enrolled at DMACC, are needed to complete 5 early childhood/ education courses and satisfy all the general education (AOI) credits at Drake.
- 11 – 14 additional credit hours may apply to education degree/AS degree requirements. Contact the Associate Dean's Office at Drake's School of Education for specific program requirements. For program options see: www.drake.edu/soe/

College of Pharmacy & Health Science (CPHS)

Drake accepts courses at their DMACC semester-hour value. If you plan to complete your associate degree, please work closely with your DMACC advisor or counselor to select courses that will also fulfill those requirements. Additional courses chosen to complete the A.A. degree will be evaluated by Drake according to the standard Course Articulation Agreement; a maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The Associate Dean will determine how each transferred course meets specific degree requirements.

Health Sciences A degree in health sciences will act as a catalyst for students who want to pursue careers in health care-related fields, including positions that are clinical and research (**clinical and applied sciences track (C)**), and administrative (**health services management track (M)**). Visit www.drake.edu/cphs view additional program information. **Health Sciences recommended courses:**

DMACC	DRAKE UNIVERSITY
ACC 131 Principles of Accounting I (M track only)	ACCT 041 Intro to Financial Accounting
ACC 132 Principles of Accounting II (M track only)	ACCT 042 Intro to Managerial Accounting
BIO 112 General Biology I (both tracks)	BIO 12/12L General Biology I
BIO 168 Anatomy & Physiology I (both tracks)	BIO 13/13L General Biology II
CHM 165&175General / Inorganic Chemistry I&II (Both tracks)	CHEM 001/003&CHEM002/004 General ChemistryI&II
CHM 263 & 273 Organic Chem I & II (C track only)	CHEM 097/098 & 108/110 Organic Chemistry I&II
CSC 110 Introduction to Computers (M track only)	IS 044 IT Applications for Business
ECN 120 Principles of Macroeconomics (M track only)	ECON 010 Principles of Macroeconomics
ECN 130 Principles of Microeconomics (M track only)	ECON 002 Principles of Microeconomics
ENG 105 or ENG 106 Composition I or Composition II and a second English Writing Course (both tracks)	First Year Seminar (FYS) and Written Communication AOI
MAT 157 or BUS 211 Statistics or Business Stat (both tracks)	STAT 060 Statistics for the Life Sciences
MAT 211 or 166Calculus I (C track) or Calculus for Business/Social Sci (M track)	MATH 050 Calculus I
PSY 111 Introduction to Psychology (both tracks)	PSY 001 (3 credits)
SPC 101 Fundamentals of Oral Communication (both tracks)	SCSR 073 Public Speaking

Pharmacy (PharmD) – see next page

Pharmacy (PharmD)

Drake University offers admission to transfer applicants into the College of Pharmacy and Health Sciences at the professional program (PharmD) level, and admission is only granted for the fall semester. Admission is not offered to transfer applicants at the pre-professional level. Students who will have completed approximately 60 semester hours of academic credit and the pre-pharmacy course requirements by the end of the spring semester prior to enrollment will be considered for admission to the professional program. Detailed information on pre-requisites and admission criteria is provided at:

<http://www.drake.edu/pharmacy/doctorofpharmacy/pharmdadmission/> and www.drake.edu

All professional-program applicants must complete the application offered by the Pharmacy College Application Service (PharmCAS), which is only available at www.pharmacas.org/. An early application in the fall is strongly recommended. Drake is now requiring a Supplemental Application to be submitted directly to the College of Pharmacy and Health Sciences by the deadline. The Supplemental form is available to submit online on the College of Pharmacy and Health Sciences website. **The deadline to apply to the professional PharmD program through PharmCAS is the first business day of December for the following fall semester entry. Details on the admission process will be available at www.pharmacas.org/ and www.drake.edu/cphs/pharmacy/doctorofpharmacy/pharmdadmission in June each year for the following year.** Applicants must have taken the PCAT no later than January to be considered for admission, and the score should have been submitted directly to PharmCAS with code 104. PCAT scores from tests prior to June 2011 cannot be considered. A PCAT score in the 50th percentile or higher is recommended. A minimum cumulative grade point average of 3.0 from all institutions is required for admission consideration. College of Pharmacy and Health Sciences will select and invite the top qualified applicants from the pool of applicants to interview for a place in the class.

PharmD required prerequisites:

DMACC	DRAKE UNIVERSITY
BIO 112 General Biology I	BIO 12/12L General Biology I
BIO 168 Anatomy & Physiology I	BIO 13/13L General Biology II
BIO 186 Microbiology with Lab	BIO 095 Medical Microbiology
CHM 165&175 General / Inorganic Chemistry I&II	CHEM 001/003 & CHEM 002/004 General Chemistry I&II
CHM 263 & 273 Organic Chemistry I & II	CHEM 097/098 & 108/110 Organic Chemistry I&II
MAT 211 Calculus I	MATH 050 Calculus I
MAT 157 Statistics	STAT 060 Statistics for the Life Sciences
ENG 105 or ENG 106 Composition I or Composition II and a second English Writing Course	First Year Seminar (FYS) and Written Communication AOI
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking

*All math and science courses must be completed by the end of the spring term in the calendar year a student seeks to gain admission into the professional program. Admitted students will need to contact the College Office for approval if the non math/sciences courses are not completed by the end of the Spring term.

The Drake Curriculum

Most courses are accepted by Drake at their DMACC semester hour value. The courses outlined will count toward satisfying the Drake Curriculum Area of Inquiry (AOI) requirements for majors in all of the colleges and schools at Drake University. If you plan to complete the DMACC A.A. degree, please work closely with your DMACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the DMACC A.A. degree will be evaluated by Drake according to the Course Equivalency Guide Articulation Agreement. A maximum of 66 semester hours of transfer credit from two-year institutions will be accepted. The Associate or Assistant Dean of the Drake college or school in which a student is enrolled will determine how each transferred course meets specific degree requirements.

Achievement guidelines are established in **ten Areas of Inquiry (AOIs)** that reflect the fundamental Drake Curriculum principles and emphasize responsible decision making and self-discipline. **The approved Drake Curriculum course list for current Drake students can be accessed on line at www.drake.edu/dc/**

To fulfill Drake Curriculum Areas of Inquiry (AOIs), 37-38 semester hours of course credit must be completed. The First Year Seminar and Senior Capstone requirements combined total 4-6 semester hours of credit. Total credit hours required to complete the entire Drake Curriculum: 41-44 semester hours. Transfer students are not required to complete all of the coursework prior to enrollment at Drake. In some cases, a course may be approved for more than one AOI. For example, BUS 185 is approved for both the Critical Thinking and Values and Ethics AOIs. In those cases, the course may be applied in only one area. These courses, however, may simultaneously count toward a specific college or major requirement. Students are strongly encouraged to keep course syllabi from transfer institutions so that a closer evaluation may be made in the event that a course may need to be re-evaluated for its applicability to the Drake Curriculum plan. Drake University will also accept some AP, IB and CLEP subject tests to fulfill certain Drake Curriculum Areas of Inquiry

www.drake.edu/admission/undergraduate/apibclepcredit/

The AOI abbreviations (i.e. "WRIT" or "CRIT") are located in the right column of the Course Equivalency Guide and in each AOI heading below.

FIRST YEAR SEMINAR

The First Year Seminar is waived with at least 30 hours of transfer credit

ARTISTIC EXPERIENCE (ARTS)

Drake students will learn to interpret and/or create art. Art constructs an essential and ongoing dialogue among individuals, cultures, and societies. Art--whether it takes visual, musical, or theatrical form--grows out of sustained intellectual inquiry. Drake students will recognize that art provides distinctive ways to engage the world and create expressions of the human condition.

One course

ART	101	Art Appreciation
ART	133	Drawing Lab
DRA	101	Introduction to Theatre
HUM	116	Encounters in Humanities
MUS	100	Music Appreciation
MUS	102	Music Fundamentals
MUS	205	Jazz History and Appreciation
MUS	202	World Music

CRITICAL THINKING (CRIT)

The Drake Curriculum makes an intentional effort to help students acquire the skills for rational analysis and argumentation. Critical Thinking should be purposeful, rigorous, self-reflective, and based on a careful consideration of evidence.

One course

ACC	131	Principles of Accounting I	MKT	150	Principles of Advertising
BUS	185	Business Law I	PHI	101	Introduction to Philosophy
CIS	171	Java	PHI	105	Introduction to Ethics
JOU	165	Principles of Advertising	PSY	251	Social Psychology
LIT	209	Literature Film Adaptation	SPC	101	Fundamentals of Oral Communication
LIT	210	The Graphic Novel			

THE ENGAGED CITIZEN (CITZ)

Drake students will learn to participate effectively in democratic processes. Democracy relies upon the participation of an engaged, knowledgeable and responsible citizenry. As preparation for active participation in public debate, Drake students learn to evaluate the mix of diverse values and interests that influence democratic decision-making. In a sophomore level course, students have the opportunity to bring diverse disciplines to bear in further developing the skills, knowledge, and dispositions that will lead them to be active stewards working for the common good of local, national and global communities. This requirement will be fulfilled through coursework that challenges students to critically reflect upon the social, economic or political institutions and issues that shape the choices they will face as citizens. Instructors will provide students with opportunities to model democratic practices or public engagement through participatory activities organized in the classroom and/or community. Engaged Citizen courses require sophomore standing (students must have 30 or more credit hours).

One course

POL	163	News Media and Politics
SOC	282	Environmental Sociology

GLOBAL AND CULTURAL UNDERSTANDING (GLOB)

Through understanding the interaction of knowledge, awareness, and cultural responsibility, Drake students will pursue the ideal wherein all persons have value and a voice. They will learn to examine aspects of society in relation to nationality, race, ethnicity gender or culture, including the interactive nature of relations among people who differ according to these categories.

One course

ANT	105	Cultural Anthropology	FLS	242	Intermediate Spanish II
ANT	110	Faces of Culture	GEO	111	Introduction to Geography
ANT	125	Applications of Anthropology	GEO	124	Reg Geog of the NonWest World
ANT	140	Culture & Env of Boreal Forest	GEO	125	Regional Geog of the Dev World
ANT	150	Global Issues-Local Perspectives	GLS	199	Japan: The Changing Tradition
ANT	202	Human Origins	GLS	200	Country Study
BUS	220	Introduction to Int'l Business	GLS	210	International Year Seminar
FLA	142	Elementary Arabic II	GLS	220	The Middle East and Islam
FLA	242	Intermediate Arabic II	GLS	230	Latin America
FLC	142	Elementary Chinese II	GLS	235	Introduction to International Studies
FLC	242	Intermediate Chinese II	HIS	216	History of Modern Russia
FLF	152	Elementary French II	HIS	257	African-American History
FLF	242	Intermediate French II	LIT	130	African-American Literature
FLG	142	Elementary German II	LIT	150	World Literature I
FLG	242	Intermediate German II	LIT	151	World Literature II
FLI	142	Elementary Italian II	MUS	202	World Music
FLI	242	Intermediate Italian II	POL	121	International Relations
FLJ	142	Elementary Japanese II	POL	125	Comparative Gov't & Politics
FLJ	242	Intermediate Japanese II	REL	101	Survey of World Religions
FLS	152	Elementary Spanish II	SOC	200	Minority Group Relations

HISTORICAL FOUNDATIONS (HISF)

Drake Students will gain greater understanding of the historical foundations of the modern world and the interconnections of global cultures. Two courses are required in this area of inquiry. Students will use historical analyses to study the interplay of multiple forces of change over time. Courses that count for this AOI will engage students to achieve at least two of these student learning outcomes.

Choose two

HIS	112	West Civ: Ancient to Early Modern
HIS	113	West Civ: Early Modern to Present
HIS	150	U.S. History to 1877
HIS	153	U.S. History since 1877
HIS	201	Iowa History
HIS	216	History of Modern Russia
HIS	249	Study Abroad: Brit Life & Culture
HIS	266	The Civil War
HIS	257	African-American History

INFORMATION LITERACY (INFO)

Drake students will learn to acquire, analyze, interpret, and integrate information, employing appropriate technology to assist with these processes, and to understand the social and ethical implications of information use and misuse. Drake students will use appropriate sources, including library and internet resources, to process and evaluate information. Students will gain an understanding of the social and ethical issues encountered in a networked world, an ability to assess the quality of information, and learn appropriate ways to reference information sources.

One course

CIS	171	Java
JOU	110	Introduction to Mass Media

QUANTITATIVE LITERACY (QUAN)

Students will learn to reason with the symbols and components of mathematical languages as well as effectively use the principles that underlie these operations. Courses that satisfy this requirement will have mathematical reasoning as their principal focus. They may also address questions that engage learners with the world around them and help them to analyze quantitative claims that arise from the study of civic, political, scientific, or social issues. Quantitative literacy courses may be focused on the mathematical needs of a specific discipline or on a specific interdisciplinary issue or problem. These courses will engage students to achieve these student learning outcomes.

One course

BUS	211	Business Statistics
MAT	110	Math for Liberal Arts
MAT	114	Elementary Educators Math I
MAT	116	Elementary Educators Math II
MAT	121	College Algebra
MAT	129	Precalculus
MAT	141	Finite Math
MAT	148	Linear Algebra w/ Applications
MAT	157	Statistics
MAT	162	Principles of Business Statistics
MAT	166	Calculus for Business/Social Science
MAT	211	Calculus I
MAT	217	Calculus II
MAT	219	Calculus III

SCIENTIFIC LITERACY (LIFE, PHSC)

Scientific literacy is crucial for understanding the issues that affect the future for all people, locally, nationally, and globally. Drake students will gain a basic understanding of content, methods, and contributions of science through courses rooted in the content of the life/behavioral and physical sciences. Through significant exposure to experiment and theory, students will be able to meaningfully interpret and evaluate scientific information for personal and professional applications as engaged citizens. All courses that fulfill this AOI will engage students to achieve basic scientific literacy; individual courses will pursue the additional outcomes as appropriate to their disciplinary or interdisciplinary focus. Drake students will complete two courses in this area of inquiry, including one in the life/behavioral sciences and one in the physical sciences. At least one course taken for this AOI will include a laboratory or field experience.

Choose two, one from each category and at least one with a lab

One Life/Behavioral Science

BIO	104	Introductory Biology w/lab
BIO	112	General Biology I
BIO	113	General Biology II
BIO	135	Introduction to Botany
BIO	138	Field Ecology
BIO	156	Human Biology w/lab
BIO	164	Essentials Anatomy/Physiology
BIO	225	Marine Biology I
BIO	732	Health Science Microbiology
BIO	733	Health Science Anatomy
BIO	734	Health Science Physiology
CHM	122	Introduction to General Chem
CHM	263	Organic Chemistry I
CHM	273	Organic Chemistry II
ENV	115	Environmental Science
PSY	111	Introduction to Psychology

One Physical Science

CHM	122	Introduction to General Chem
CHM	165	General/Inorganic Chemistry I
CHM	263	Organic Chemistry I
CHM	273	Organic Chemistry II
PHS	152	Astronomy
PHS	166	Meteorology, Weather, & Climate
PHY	106	Survey of Physics
PHY	160	General Physics I
PHY	213	Classical Physics I

VALUES AND ETHICS (VE)

Students will learn to recognize ethical issues and to reflect critically upon the demands of conscience. They will develop as reflective practitioners with an understanding of the larger goals of stewardship inherent in their professional endeavors, and have a sense of obligation that extends to beyond the self. They will develop an understanding of the skills and knowledge necessary to anticipate the consequences of actions as well as an understanding of the dispositions necessary to develop a commitment to ethical conduct. Students will develop the basic tools required to question themselves and others in a responsible manner and to evaluate the ethical implications of both collective and personal choices.

One course

BUS	185	Business Law I
EDU	213	Introduction to Education
PHI	105	Introduction to Ethics

WRITTEN COMMUNICATION (WRIT)

Drake students will learn to read with discrimination and understanding and to write persuasively. Drake students will learn to shape their writing according to subject, purpose, medium, context and intended audience. This area of inquiry may be satisfied by a single course, provided that writing is a significant component of the course, significant attention is directed towards the teaching of writing, and a significant portion of the student's grade focuses on the quality of writing, independent of the subject matter.

One course

ENG	105	Composition I
ENG	106	Composition II
ENG	108	Comp II: Technical Writing
ENG	221	Creative Writing
ENG	225	Creative Writing: Poetry
ENG	230	Creative Writing: Fiction
ENG	235	Playwriting & Screenwriting
JOU	121	Newsriting and Reporting

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
ACCOUNTING								
ACC	111	ACCT	301	Introduction to Accounting	ACCT	ELECTIVE	3	
ACC	124	ACCT	408	Accounting Professionalism		CAREER-TECH	3	
ACC	131	ACCT	101	Principles of Accounting I	ACCT	041	4	CRIT
ACC	132	ACCT	102	Principles of Accounting II	ACCT	042	4	
ACC	161	ACCT	411	Payroll Accounting	ACCT	ELECTIVE	3	
ACC	165			Payroll Certification Review		CAREER-TECH	2	
ACC	191	ACCT	315	Financial Analysis		CAREER-TECH	3	
ACC	193	ACCT	430	Accounting Procedures/Mgt.		CAREER-TECH	3	
ACC	202			Accounting Cycle	ACCT	ELECTIVE	1	
ACC	222	ACCT	203	Cost Accounting	ACCT	115*or ELECTIVE	4	
ACC	231	ACCT	103	Intermediate Accounting I	ACCT	165* or ELECTIVE	4	
ACC	232	ACCT	104	Intermediate Accounting II	ACCT	ELECTIVE	4	
ACC	241	ACCT	395	Treasury & Cash Management		CAREER-TECH	3	
ACC	251	ACCT	105	Gov't & Nonprofit Accounting	ACCT	ELECTIVE	3	
ACC	261	ACCT	206	Income Tax Accounting	ACCT	185* or ELECTIVE	3	
ACC	268			Business Tax		CAREER-TECH	3	
ACC	272	ACCT	312	Accounting Information Systems		CAREER-TECH	4	
ACC	281	ACCT	390	Auditing		CAREER-TECH	3	
ACC	311	ACCT	351	Computer Accounting	ACCT	080	3	
ACC	351			Acct Spreadsheets for Entrepreneurs	ACCT	ELECTIVE	3	
ACC	361	ACCT	352	Accounting Spreadsheets	ACCT	ELECTIVE	3	
ACC	850	ACCT	208	Tax Assistance Institute		CAREER-TECH	3	
ACC	932	ACCT	402	Accounting Internship	ACCT	ELECTIVE	VARIED	
ACC	946	ACCT	404	Accounting Career Seminar	ACCT	ELECTIVE	1	
*Will only be transferred as the course indicated IF the student has completed the Accounting Paraprofessional AS degree program.								
ADMINISTRATIVE ASSISTANT								
ADM	101-937	BTEC	204-433	By Title		CAREER-TECH		
ASSOCIATE DEGREE NURSING								
ADN	110-821	ASDN	232-269	By Title		*		
*The assistant or associate dean of the college or school into which the student transfers will determine whether any nursing credits may be applied toward a Drake degree.								
AGRICULTURE								
AGA	114-381	AGRI		By Title		CAREER-TECH		
AGB	101-812	AGRI		By Title		CAREER-TECH		
AGC	314-420			By Title		CAREER-TECH		
AGH	103-912	COMH		By Title		CAREER-TECH		
AGM	336			Alternative Energy In Ag		CAREER-TECH	3	
AGP	333	AGRI	217	Precision Agriculture Applications		CAREER-TECH	3	
AGS	113-323	AGRI		By Title		CAREER-TECH		
AGT	120			Agricultural Appl in Biotech		CAREER-TECH	3	
AGV	120-932	AGRI		By Title		CAREER-TECH		
ANTHROPOLOGY								
ANT	100	ANTH	120	Introduction to Anthropology	SCSA	ELECTIVE	3	
ANT	105	ANTH	121	Cultural Anthropology	SCSA	002	3	GLOB
ANT	110	ANTH	126	Faces of Culture	SCSA	ELECTIVE	3	GLOB
ANT	125			Applications of Anthropology	SCSA	ELECTIVE	3	GLOB
ANT	140			Culture & Env of Boreal Forest	SCSA	ELECTIVE	2	GLOB
ANT	150			Global Issues-Local Perspectives	SCSA	ELECTIVE	3	GLOB
ANT	202			Human Origins	SCSA	ELECTIVE	3	GLOB
APPAREL MERCHANDISING								
APP	101-291			By Title		CAREER-TECH		
ARCHITECTURAL								
ARC	110-273	ARCJ	410-475	By Title		CAREER-TECH		
ART								
ART	101	ARTS	101	Art Appreciation	ART	074	3	ARTS
ART	102	ARTS	105	Arts for Elementary Education	EDUC	083	3	
ART	133	ARTS	102	Drawing Lab	ART	015	3	ARTS

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
ART	136	ARTS	103	Life Drawing	ART	ELECTIVE	3	
ART	143	ARTS	104	Painting	ART	063	3	
ART	148	ARTS	111	Landscape Painting	ART	ELECTIVE	3	
ART	173	ARTS	112	Ceramics	ART	ELECTIVE	3	
ART	174	ARTS	113	Ceramics II	ART	ELECTIVE	3	
ART	176	ARTS	114	Tilemaking	ART	ELECTIVE	3	
ART	184	PHOT	105	Principles of Photography	ART	ELECTIVE	3	
ART	186	PHOT	107	Principles of Digital Photography	ART	ELECTIVE	3	
ART	189			Commercial Photography 1	ART	ELECTIVE	3	
ART	190			History of Photography	ART	ELECTIVE	3	
ART	192			Portrait Photography 1	ART	ELECTIVE	3	
ART	194			Portfolio Photography 1	ART	ELECTIVE	3	
ART	195	ARTS	109	Design: Exploring Art Media	ART	ELECTIVE	3	
ART	225			Photoshop for Photography	ART	ELECTIVE	3	
ART	226			Alternative Photo Processes	ART	ELECTIVE	3	
ART	283			Commercial Photography II	ART	ELECTIVE	3	
ART	287			Portrait Photography II	ART	ELECTIVE	3	
ART	289			Photojournalism	JMC	ELECTIVE	3	
ART	291	PHOT	210	Travel Photography	ART	ELECTIVE	3	
ART	292	PHOT	407	Studio Photography	ART	ELECTIVE	3	
ART	293			Wedding Photography		CAREER-TECH	3	
ART	294			Architectural Photography	ART	ELECTIVE	3	
ART	929			Individual Projects	ART	ELECTIVE (CAN BE REVIEWED ON AN INDIVIDUAL BASIS)	VARIED	
AGING SERVICES MANAGEMENT								
ASM	150-805	ASM	238-295	By Title	GENERAL	ELECTIVE		
AUTOMOTIVE								
ATC	320-360	CAP	312-360	By Title		CAREER-TECH		
ATF	280-362	ASST	312-362	By Title		CAREER-TECH		
ATG	312-354	ASEP	312-354	By Title		CAREER-TECH		
AUT	111-870	AUTO	464-492	By Title		CAREER-TECH		
AVIATION								
AVI	130-213	AVI	NA	By Title		CAREER-TECH		
AVM	100-170	AVIA	301-327	By Title		CAREER-TECH		
BUSINESS COMPUTER APPLICATION								
BCA	111-250	BTEC	305-360	By Title		CAREER-TECH		
BIOLOGY (See footnotes on next page)								
BIO	100	BIOL	111	Opportunities in Biology	BIO	015	1	
BIO	104	BIOL	140	Introductory Biology w/lab	BIO	001, 01L	3	LIFE
BIO	112	BIOL	141	General Biology I	BIO	012, 012L (1,2)	4	LIFE
BIO	113	BIOL	142	General Biology II	BIO	013, 013L (1)	4	LIFE
BIO	135			Introduction to Botany	BIO	019, 019L	4	LIFE
BIO	138	BIOL	126	Field Ecology	BIO	ELECTIVE	3	LIFE
BIO	145	BIOL	155	Ecology of Iowa	BIO	110	3	
BIO	146	BIOL	165	Genetics	BIO	ELECTIVE (4)	3	
BIO	151			Nutrition	BIO	ELECTIVE	3	
BIO	156	BIOL	127	Human Biology w/lab	BIO	ELECTIVE	3	LIFE
BIO	164	BIOL	154	Essentials Anatomy/Physiology	BIO	ELECTIVE	5	LIFE
BIO	168	BIO	N /A	Anatomy and Physiology I	BIO	ELECTIVE (2, 6)	4	
BIO	173	BIO	N /A	Anatomy and Physiology II	BIO	ELECTIVE (6)	4	
BIO	186			Microbiology w/lab	BIO	103, 103L (7)	4	
BIO	191			Intro to Biotechnology w/lab	BIO	ELECTIVE	3	
BIO	225			Marine Biology I	BIO	ELECTIVE	4	LIFE
BIO	227			Marine Biology II	BIO	ELECTIVE	4	
BIO	243	BIOL	163	Topics in Biotechnology	BIO	ELECTIVE	1	
BIO	249	BIOL	167	Biotechnology Internship	BIO	ELECTIVE (3)	3 (1)	
BIO	250	BIOL	162	Cell and Molecular Bio-Nucleic Acids	BIO	ELECTIVE (3)	5 (2.5)	
BIO	251			Cell and Molecular Bio-Proteins	BIO	ELECTIVE (3)	5 (2.5)	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
BIO	260	BIOL	260	Biology of Aging	BIO	ELECTIVE	3	
BIO	295			General Ecology and Lab	BIO	117, 118L	4	
BIO	732	BIOL	132	Health Science Microbiology	BIO	ELECTIVE	4	LIFE
BIO	733	BIOL	133	Health Science Anatomy	BIO	ELECTIVE (5)	3	LIFE
BIO	734	BIOL	134	Health Science Physiology	BIO	ELECTIVE (5)	3	LIFE
BIO	900			Field Studies in Medical Sciences	BIO	ELECTIVE	4	
BIO	922			Field Studies	BIO	ELECTIVE	VARIED	
1	It is recommended that students planning to major in Biology; Environmental Science; Environmental Policy; Biochemistry, Cell and Molecular Biology; or Pre-Medicine enroll in Biology 012 and 013 (for majors) at Drake University.							
2	Professional pharmacy applicants should take BIO 112 and BIO 168							
3	Credit hours awarded by the College of Arts and Sciences given in parentheses.							
4	Content of this course is equivalent to Drake's BIO 105. May not be counted as upper division credit.							
5	BIO 733 and BIO 734 combined are equivalent to Drake's BIO 018 and 018L in the College of Arts and Sciences.							
6	BIO 168 and BIO 173 combined are equivalent to Drake's BIO 018 and 018L in the College of Arts and Sciences.							
7	BIO 186 is equivalent to Drake's BIO 095 in the College of Pharmacy and Health Sciences.							
BIOPROCESS TECH								
BPT	102-128			By Title		CAREER-TECH		
BUILDING MAINTENANCE								
BMA	165-177	BLDM	324-330	By Title		CAREER-TECH		
BUSINESS								
BUS	102	BSAD	150	Introduction to Business	BUS	ELECTIVE	3	
BUS	112	BSAD	223	Business Math	BUS	ELECTIVE	3	
BUS	131	BSEN	302	Small Business Mgmt Strategies		CAREER-TECH	3	
BUS	138			Small Business Marketing		CAREER-TECH	3	
BUS	141			Small Business Start-Up		CAREER-TECH	3	
BUS	148			Small Business Management	BUS	ELECTIVE	3	
BUS	150			E-Commerce on the Web	BUS	ELECTIVE	3	
BUS	185	BUSL	101	Business Law I	BLAW	060	3	CRIT or VE
BUS	186	BUSL	102	Business Law II	BLAW	120	3	
BUS	211	BSAD	152	Business Statistics	STAT	071	4	QUAN
BUS	213	BSAD	125	Statistical Business Applications	BUS	ELECTIVE	2	
BUS	215	BSAD	266	Investing in Real Assets	BUS	ELECTIVE	1	
BUS	216	BSAD	267	Estate Planning	BUS	ELECTIVE	1	
BUS	218	BSAD	268	Long Range Financial Planning	BUS	ELECTIVE	1	
BUS	220	BSAD	255	Introduction to International Business	BUS	070	3	GLOB
BUS	231	BSAD	243	Quan Methods/Bus Decision Making	BUS	ELECTIVE	4	
BUS	250	BSAD	226	Principles of Real Estate	BUS	ELECTIVE	3	
BUS	260	BSAD	225	Introduction to Insurance	INS	051	3	
BUS	278			Employment Law	BUS	ELECTIVE	3	
BUS	902			Career Seminar		CAREER-TECH	1	
BUS	904	BUSL	345	Legal Study Tour		CAREER-TECH	1	
BUS	932			Internship		CAREER-TECH	2	
COMPUTER AIDED DRAFTING								
CAD	119-139	CADD	401-405	By Title		CAREER-TECH		
CAD	148-254	CADT	406-432	By Title		CAREER-TECH		
CATERPILLAR TECHNOLOGY								
CAT	430-435	DISL	430-435	By Title		CAREER-TECH		
CIVIL ENGINEERING TECHNOLOGY								
CET	102-307	CET	192-490	By Title		CAREER-TECH		
CHEMISTRY								
CHM	105	CHEM	120	Survey of Chemistry	CHEM	ELECTIVE	3	
CHM	122	CHEM	131	Introduction to General Chemistry	CHEM	ELECTIVE	4	LIFE or PHSC
CHM	132	CHEM	132	Introduction to Organic / Biochemistry	CHEM	ELECTIVE	4	
CHM	165	CHEM	151	General/Inorganic Chemistry I	CHEM	001 & 003	4	PHSC
CHM	175	CHEM	152	General/Inorganic Chemistry II	CHEM	002 & 004	4	
CHM	263	CHEM	161	Organic Chemistry I	CHEM	097 & 098 & ELECTIVE	5	LIFE or PHSC
CHM	273	CHEM	162	Organic Chemistry II	CHEM	108 & 110 & ELECTIVE	5	LIFE or PHSC

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
COMPUTER PROGRAMMING								
CIS	125	COMS	111	Intro to Programming Logic w/lang	CS	ELECTIVE	3	
CIS	130	ELHT	324	Computer Programming		CAREER-TECH	3	
CIS	140			Intro to Game Design		CAREER-TECH	3	
CIS	152	COMS	112	Data Structures	CS	066	3	
CIS	154	COMS	160	Computational Structures	CS	ELECTIVE	3	
CIS	161	DATA	318	C++	CS	ELECTIVE	3	
CIS	164	DATA	320	Advanced C++	CS	ELECTIVE	3	
CIS	169	COMS	310	C#	CS	ELECTIVE	3	
CIS	171	COMS	301	Java	CS	065	3	CRIT or INFO
CIS	174			Advanced C# Programming	CS	ELECTIVE	3	
CIS	178	ITNA	365	Java Programming I	CS	ELECTIVE	2	
CIS	179	ITNA	366	Java Programming II	CS	ELECTIVE	2	
CIS	182	COMS	302	JSP and Servlets	CS	ELECTIVE	3	
CIS	204	COMS	340	Intro to Website Development		CAREER-TECH	3	
CIS	207	BSEN	306	Fund of Web Programming		CAREER-TECH	3	
CIS	210	ITNA	345	Web Development I		CAREER-TECH	3	
CIS	211	ITNA	346	Web Development II		CAREER-TECH	3	
CIS	215	COMS	303	Server Side Web Programming	CS	ELECTIVE	3	
CIS	240	BSEN	307	E-Commerce Website II		CAREER-TECH	3	
CIS	247	COMS	345	Introduction to XML		CAREER-TECH	3	
CIS	303	DATA	341	Introduction to Data Base		CAREER-TECH	3	
CIS	332	DATA	343	Data Base and SQL	CS	ELECTIVE	3	
CIS	338	DATA	349	SQL/Oracle	CS	ELECTIVE	3	
CIS	346	DATA	350	Data Base Design		CAREER-TECH	3	
CIS	402	COMS	125	Cobol		CAREER-TECH	3	
CIS	413	COMS	126	Cobol II		CAREER-TECH	4	
CIS	421	DATA	306	COBOL - Intermediate		CAREER-TECH	4	
CIS	431	DATA	308	COBOL/Advanced		CAREER-TECH	3	
CIS	435	DATA	309	COBOL on the World Wide Web		CAREER-TECH	3	
CIS	463	DATA	352	CICS		CAREER-TECH	4	
CIS	485	DATA	334	Programming Projects-Mainframe		CAREER-TECH	6	
CIS	505	DATA	382	Structured Systems Analysis		CAREER-TECH	4	
CIS	583	DATA	319	Assembler		CAREER-TECH	4	
CIS	588	COMS	365	Computer Organization		CAREER-TECH	3	
CIS	593	DATA	301	Mainframe Operations		CAREER-TECH	4	
CIS	604	DATA	103	Visual Basic	IS	ELECTIVE	3	
CIS	612	DATA	104	Advanced Visual Basic	IS	ELECTIVE	3	
CIS	720	COMS	360	Help Desk Operations		CAREER-TECH	3	
CIS	932			CIS Internship		CAREER-TECH	VARIED	
COMMUNICATION								
COM	146			Gender Sexuality and Media	JMC	ELECTIVE	3	
COM	148			Diversity and the Media	JMC	ELECTIVE	3	
COM	703	ENGL	410	Communication Skills		CAREER-TECH	3	
CONSTRUCTION								
CON	333-949	BLDG	451-482	By Title		CAREER-TECH		
CRIMINAL JUSTICE								
CRJ	100	CRIM	101	Introduction to Criminal Justice	GENERAL	ELECTIVE	3	
CRJ	107	CRIM	235	Survey of Criminal Justice Agencies	GENERAL	ELECTIVE	3	
CRJ	109	CRIM	107	Theories of Interviewing	GENERAL	ELECTIVE	3	
CRJ	111			Police & Society	GENERAL	ELECTIVE	3	
CRJ	128			Victimology	GENERAL	ELECTIVE	3	
CRJ	137	CRIM	106	Juvenile Law	GENERAL	ELECTIVE	3	
CRJ	141	CRIM	214	Criminal Investigation	GENERAL	ELECTIVE	3	
CRJ	167			Operating Systems for Forensics	GENERAL	ELECTIVE	3	
CRJ	176			Computer Forensics I	GENERAL	ELECTIVE	3	
CRJ	178			E-Crime Investigation Methods	GENERAL	ELECTIVE	3	
CRJ	179			White-Collar Crime	GENERAL	ELECTIVE	1	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
CRJ	195			Crime Scene Investigation	GENERAL	ELECTIVE	4	
CRJ	196			Crime Scene Investigation 1	GENERAL	ELECTIVE	2	
CRJ	197			Crime Scene Investigation 2	GENERAL	ELECTIVE	2	
CRJ	222	CRIM	211	Correctional Treatment Methods	GENERAL	ELECTIVE	3	
CRJ	229	CRIM	110	Penology	GENERAL	ELECTIVE	3	
CRJ	237			Criminal & Constitutional Law	GENERAL	ELECTIVE	3	
CRJ	238			Corrections & Constitutional Law	GENERAL	ELECTIVE	3	
CRJ	239			Special-Need Offenders	GENERAL	ELECTIVE	3	
CRJ	248	CRIM	275	Scientific Investigation	GENERAL	ELECTIVE	3	
CRJ	264			Effective Courtroom Testimony		CAREER-TECH	1	
CRJ	267			E-Discovery I-Overview		CAREER-TECH	1	
CRJ	268			E-Discovery II-Data Collect		CAREER-TECH	1	
CRJ	269			E-Discovery III-Data Process		CAREER-TECH	1	
CRJ	276			Computer Forensics II	GENERAL	ELECTIVE	3	
CRJ	277			Advanced Digital Forensics Methods	GENERAL	ELECTIVE	4	
CRJ	278			Apple/Macintosh Forensics		CAREER-TECH	1	
CRJ	279			Malware Forensics		CAREER-TECH	1	
CRJ	292			Police Phys Fitness & Condition		CAREER-TECH	1	
CRJ	293			Crim Justice Report Writing	GENERAL	ELECTIVE	1	
CRJ	296			Latent Friction Ridge Evidence		CAREER-TECH	1	
CRJ	297			Death & Injury Investigations		CAREER-TECH	1	
CRJ	298			Impressions & Bloodstains		CAREER-TECH	1	
CRJ	301			Intro to Homeland Security	GENERAL	ELECTIVE	3	
CRJ	302			Transportation & Border Sec	GENERAL	ELECTIVE	3	
CRJ	303			Intel Analysis & Sec Mgmt	GENERAL	ELECTIVE	3	
CRJ	330			Forensic Photography I		CAREER-TECH	1	
CRJ	331			Forensic Photography II		CAREER-TECH	1	
CRJ	332			Forensic Photography III		CAREER-TECH	1	
CRJ	932	CRIM	236	Internship	GENERAL	ELECTIVE	3	
COLLISION REPAIR AND REFINISH								
CRR	101	WELD	468	Sheet Metal Welding		CAREER-TECH	2	
CRR	150-877	AUTC	403-440	By Title		CAREER-TECH		
COMPUTER SCIENCE								
CSC	105			Computer Essentials		NO CREDIT		
CSC	109			Experience Information Technology		CAREER-TECH	3	
CSC	110	COMS	181	Introduction to Computers	IS	044	3	
DENTAL ASSISTANT								
DEA	253-702	DENA	302-325	By Title		CAREER-TECH		
DENTAL HYGIENE								
DHY	114-302	DENH	198-298	By Title		CAREER-TECH		
FILM AND THEATER								
DRA	101	DRAM	110	Introduction to Theatre	THEA	076	3	ARTS
DRA	130	DRAM	111	Acting I	THEA	003	3	
DRA	147	DRAM	113	Creative Drama School/Rec	THEA	ELECTIVE	3	
DRA	945	DRAM	114	Practicum I	THEA	140	2	
DRA	946	DRAM	115	Practicum II	THEA	140	3	
DRA	948	DRAM	116	Practicum III	THEA	140	4	
DIESEL								
DSL	145-855	DISL	401-470	By Title		CAREER-TECH		
DIETARY MANAGEMENT								
DTM	350-366	DMAS	350-366	By Title		CAREER-TECH		
EARLY CHILDHOOD EDUCATION								
ECE	103			Intro to Early Childhood Ed	GENERAL	ELECTIVE (2)	3	
ECE	106			Child Dev. Associate Standards		CAREER-TECH	1	
ECE	130	CHLD	240	Emergency Care	GENERAL	ELECTIVE	1	
ECE	133	CHLD	215	Child Health, Safety & Nutrition	GENERAL	ELECTIVE (1)	3	
ECE	158			Early Childhood Curriculum I	GENERAL	ELECTIVE (2)	3	
ECE	159			Early Childhood Curriculum II	GENERAL	ELECTIVE (3)	3	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
ECE	170			Child Growth & Development	GENERAL	ELECTIVE (1)	3	
ECE	215			Home, School & Comm Relations	GENERAL	ELECTIVE	3	
ECE	221			Infant/Toddler Care & Educ	GENERAL	ELECTIVE (2)	3	
ECE	243			Early Childhood Guidance	GENERAL	ELECTIVE (3)	3	
ECE	262			Early Childhood Field Exp	EDUC	104	3	
ECE	281	CHLD	420	Practicum	GENERAL	ELECTIVE	2	
ECE	290	CHLD	220	Early Childhood Program Admin	GENERAL	ELECTIVE	3	
ECE	343			Early Childhood Guidance Lab	GENERAL	ELECTIVE	1	
ECE	359			ECE Curriculum II Lab	GENERAL	ELECTIVE	1	
ECE	930			Administrative Practicum	GENERAL	ELECTIVE	1	
ECE	932			Early Childhood Internship	GENERAL	ELECTIVE	2	
ECE	944			ECE Field Experience Seminar	GENERAL	ELECTIVE	1	
(1) ECE 133 and ECE 170 together are equivalent to Drake's EDUC 105 (3cr) & EDUC Elective (3cr)								
(2) ECE 103 and ECE 158 and ECE 221 together are equivalent to Drake's EDUC 152 (3cr) & EDUC Elective (6cr)								
(3) ECE 159 and ECE 243 together are equivalent to Drake's EDUC 153 (3cr) & EDUC Elective (3cr)								
ECONOMICS								
ECN	120	ECON	101	Principles of Macroeconomics	ECON	010	3	
ECN	130	ECON	102	Principles of Microeconomics	ECON	002	3	
EDUCATION								
EDU	213	EDCR	101	Introduction to Education	EDUC	103	3	VE
EDU	218	EDCR	207	Initial Field Experience	EDUC	104	2	
EDU	245	EDCR	165	Exceptional Learner	SPED	120	3	
ENGINEERING								
EGR	100-180			By Title		CAREER-TECH		
ENGINEERING (Project Lead the Way)								
EGT	400			PLTW-Intro to Engr Design		CAREER-TECH		
EGT	410			PLTW-Principles of Engineering		CAREER-TECH		
EGT	420			PLTW-Digital Electronics		CAREER-TECH		
EGT	450			PLTW-Computer Integrated Manuf		CAREER-TECH		
EGT	460			PLTW-Civil Engr/Architecture		CAREER-TECH		
EGT	900			Field Studies in Architecture & Engineering		CAREER-TECH		
ELECTRONICS								
ELT	093			Concepts Electronics/Computers		NO CREDIT		
ELT	106-932			By Title		CAREER-TECH		
EMERGENCY MEDICAL SERVICE								
EMS	105-483	HLCR	307-335	By Title		CAREER-TECH		
ENGLISH								
ENG	060-061	ENGL	090-091	By Title		NO CREDIT		
ENG	104	ENGL	116	Resources for Composition	ENG	ELECTIVE	3	
ENG	105	ENGL	117	Composition I	ENG	ELECTIVE	3	WRIT
ENG	106	ENGL	118	Composition II	ENG	ELECTIVE	3	WRIT
ENG	108	ENGL	119	Comp II: Technical Writing	ENG	094	3	WRIT
ENG	221	ENGL	121	Creative Writing	ENG	ELECTIVE	3	WRIT
ENG	225	ENGL	125	Creative Writing: Poetry	ENG	091	3	WRIT
ENG	230	ENGL	124	Creative Writing: Fiction	ENG	092	3	WRIT
ENG	235	ENGL	126	Playwriting & Screenwriting	ENG	090	3	WRIT
ENVIRONMENTAL SCIENCE								
ENV	103			Sustainable Living	ENSP	ELECTIVE	1	
ENV	115	BIOL	118	Environmental Science	ENSP	035	3	LIFE
ENV	116	BIOL	119	Environmental Science Lab	ENSP	036	1	
ENV	145			Conservation Biology	ENSP	125	4	
ENV	160	BIOL	172	Restoring Plant Communities	ENSP	101	3	
ENGLISH AS A SECOND LANGUAGE								
ESL	093-160	ENGL	082-089	By Title		NO CREDIT		
FINANCE								
FIN	101	BSAD	201	Principles of Banking	BUS	ELECTIVE	3	
FIN	121	BSAD	151	Personal Finance	FIN	095	3	
FIN	180	BSAD	224	Introduction to Investments	FIN	095	3	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
FIN	214	BSAD	165	Stocks, Bonds and Investments	FIN	ELECTIVE	1	
FIRE SCIENCE								
FIR	124-400	FIRE	243-252	By Title		CAREER-TECH		
FOREIGN LANGUAGE								
FLA	141	ARABC	101	Elementary Arabic I	ARAB	001	4	
FLA	142	ARABC	102	Elementary Arabic II	ARAB	002	4	GLOB
FLA	241	ARABC	201	Intermediate Arabic I	ARAB	051	4	
FLA	242	ARABC	202	Intermediate Arabic II	ARAB	052	4	GLOB
FLC	141	CHIN	101	Elementary Chinese I	CHIN	001	4	
FLC	142	CHIN	102	Elementary Chinese II	CHIN	002	4	GLOB
FLC	241	CHIN	201	Intermediate Chinese I	CHIN	051	4	
FLC	242	CHIN	202	Intermediate Chinese II	CHIN	052	4	GLOB
FLF	151	FREN	101	Elementary French I	FREN	001	5	
FLF	152	FREN	102	Elementary French II	FREN	002	5	GLOB
FLF	241	FREN	201	Intermediate French I	FREN	051	4	
FLF	242	FREN	202	Intermediate French II	FREN	052	4	GLOB
FLG	141	GERM	101	Elementary German I	GERM	001	4	
FLG	142	GERM	102	Elementary German II	GERM	002	4	GLOB
FLG	241	GERM	201	Intermediate German I	GERM	051	4	
FLG	242	GERM	202	Intermediate German II	GERM	052	4	GLOB
FLI	141	ITAL	101	Elementary Italian I	GENERAL	ELECTIVE	4	
FLI	142	ITAL	102	Elementary Italian II	GENERAL	ELECTIVE	4	GLOB
FLI	241	ITAL	201	Intermediate Italian I	GENERAL	ELECTIVE	4	
FLI	242	ITAL	202	Intermediate Italian II	GENERAL	ELECTIVE	4	GLOB
FLJ	141	JAPN	101	Elementary Japanese I	JAPN	001	4	
FLJ	142	JAPN	102	Elementary Japanese II	JAPN	002	4	GLOB
FLJ	241	JAPN	103	Intermediate Japanese I	JAPN	051	4	
FLJ	242	JAPN	104	Intermediate Japanese II	JAPN	052	4	GLOB
FLS	151	SPAN	101	Elementary Spanish I	SPAN	001	5	
FLS	152	SPAN	102	Elementary Spanish II	SPAN	002	5	GLOB
FLS	181			Spanish for Heritage Speakers I	SPAN	ELECTIVE	4	
FLS	241	SPAN	201	Intermediate Spanish I	SPAN	051	4	
FLS	242	SPAN	202	Intermediate Spanish II	SPAN	052	4	GLOB
FLS	281			Spanish for Heritage Speakers II	SPAN	ELECTIVE	4	
GEOGRAPHY								
GEO	111	GEOG	141	Introduction to Geography	SCSG	002	3	GLOB
GEO	124	GEOG	148	Reg Geog of the NonWest World	SCSG	ELECTIVE	3	GLOB
GEO	125	GEOG	147	Regional Geog of the Dev World	SCSG	ELECTIVE	3	GLOB
GLOBAL STUDIES								
GLS	199	GLOS	199	Japan: The Changing Tradition	SCSG	ELECTIVE	2	GLOB
GLS	200	GLOS	200	Country Study	SCSG	ELECTIVE	3	GLOB
GLS	210			International Year Seminar	SCSG	ELECTIVE	3	GLOB
GLS	220			The Middle East and Islam	SCSG	ELECTIVE	3	GLOB
GLS	230			Latin America	SCSG	ELECTIVE	3	GLOB
GLS	235	GLOS	235	Introduction to International Studies	SCSG	ELECTIVE	3	GLOB
GRAPHIC DESIGN								
GRD	301	DKTP	401	Intro to Desktop Publishing	ART	ELECTIVE	3	
GRD	403	CART	403	Communication Design I	ART	ELECTIVE	3	
GRD	404	CART	404	Typography II	ART	ELECTIVE (1)	3	
GRD	405	CART	405	Typography I	ART	ELECTIVE (1)	3	
GRD	410	CART	410	Illustration I	ART	ELECTIVE	3	
GRD	411	CART	411	Communication Design II	ART	ELECTIVE	3	
GRD	414	CART	414	Illustration II	ART	ELECTIVE	3	
GRD	415			InDesign I	ART	ELECTIVE	3	
GRD	419	CART	419	Lettering and Sign Art	ART	ELECTIVE	2	
GRD	421	CART	421	Internship Preparation	ART	ELECTIVE	3	
GRD	424	CART	424	Graphic Design Internship	ART	ELECTIVE	3	
GRD	426	CART	426	Communication Design III	ART	ELECTIVE	3	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
GRD	430			InDesign II		CAREER-TECH	3	
GRD	437	CART	437	Communication Design IV	ART	ELECTIVE	3	
GRD	448	CART	449	Airbrush I		CAREER-TECH	4	
GRD	450	CART	451	Airbrush II		CAREER-TECH	4	
GRD	452			Airbrush III		CAREER-TECH	3	
GRD	453			Illustration for Animation		CAREER-TECH	3	
GRD	459			Illustrator		CAREER-TECH	3	
GRD	462	CART	462	Computer Graphics II	ART	ELECTIVE	3	
GRD	463	CART	463	Photoshop		CAREER-TECH	3	
GRD	464			Digital Artistry		CAREER-TECH	3	
GRD	465			3D Modeling and Texturing		CAREER-TECH	3	
GRD	470			Interactive Media I	ART	ELECTIVE	3	
GRD	471			Interactive Media II	ART	ELECTIVE	3	
GRD	473			Motion Graphics and SPL Effect	ART	ELECTIVE	3	
GRD	475			After Effects for Advanced Compositing	ART	ELECTIVE	3	
GRD	477			Storyboarding & Scriptwriting	ART	ELECTIVE	3	
GRD	479			Digital Audio Recording & Editing	ART	ELECTIVE	3	
GRD	480			Video Production I		CAREER-TECH	3	
GRD	481			Video Production II		CAREER-TECH	3	
GRD	482			Video Production III		CAREER-TECH	3	
GRD	483			Intro to Autodesk 3dsMax		CAREER-TECH	3	
GRD	485			Animation 1		CAREER-TECH	3	
GRD	487			Animation 2		CAREER-TECH	3	
GRD	489			Animation Capstone Group Project		CAREER-TECH	3	
GRD	491			Animation Demo Reel Production		CAREER-TECH	3	
GRD	900			Field Studies in Graphic Design		CAREER-TECH	5	
(1) GRD 404 & GRD 405 combined are equal to Drake's ART 051 (3cr) & ART Elective (3cr)								
GRAPHIC TECHNOLOGY								
GRT	400	GRPH	400	Intro to Printing Methods		CAREER-TECH	4	
GRT	403			Production Methods	ART	ELECTIVE	2	
GRT	404			Intro to Visual Communication	ART	ELECTIVE	2	
GRT	409	GRPH	409	Project Planning & Management		CAREER-TECH	3	
GRT	415			Digital Imaging I		CAREER-TECH	4	
GRT	420	GRPH	420	Advanced Printing Methods		CAREER-TECH	4	
GRT	424			Digital Imaging II		CAREER-TECH	4	
GRT	426			Digital Publishing III	ART	ELECTIVE	4	
GRT	427	GRPH	427	Specialty Printing Methods		CAREER-TECH	4	
GRT	430			Emerging Technologies		CAREER-TECH	3	
GRT	433			Indesign III	ART	ELECTIVE	3	
GRT	453	GRPH	453	Printing Methods Capstone		CAREER-TECH	4	
GRT	455	GRPH	455	Digital Publishing Capstone	ART	ELECTIVE	4	
GRT	466			Digital Imaging for Print	ART	ELECTIVE	3	
GRT	932	GRPH	458	Internship	ART	ELECTIVE	Varies	
HOSPITALITY, CULINARY ARTS AND MANAGEMENT								
HCM	100-605			By Title		CAREER-TECH		
HEATING AND AIR CONDITIONING								
HCR	253-932	HACR	451-465	By Title		CAREER-TECH		
HISTORY								
HIS	112	HIST	121	West Civ: Ancient to Early Modern	HIST	ELECTIVE	4	HISF
HIS	113	HIST	122	West Civ: Early Modern to Present	HIST	ELECTIVE	4	HISF
HIS	150	HIST	124	U.S. History to 1877	HIST 075		4	HISF
HIS	153	HIST	125	U.S. History since 1877	HIST 076		4	HISF
HIS	201	HIST	126	Iowa History	HIST	ELECTIVE	3	HISF
HIS	216			History of Modern Russia	HIST	ELECTIVE	4	HISF or GLOB
HIS	249	HIST	249	Study Abroad: Brit Life & Culture	HIST	ELECTIVE	3	HISF
HIS	257	HIST	139	African-American History	HIST	ELECTIVE	3	HISF or GLOB
HIS	266	HIST	161	The Civil War	HIST	ELECTIVE	3	HISF
HIS	280			Family History Research	HIST	ELECTIVE	3	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of
Number		Number			Equivalent			Inquiry (AOI)
Alphabetical by acronym								
HEALTH INFORMATION TECHNOLOGY								
HIT	120-521			By Title		CAREER-TECH		
HEALTH SCIENCE								
HSC	102-109			By Title		CAREER-TECH		
HSC	120			Medical Terminology I	HSCI	ELECTIVE	3	
HSC	121			Medical Terminology II	HSCI	095 (1cr) + HSCI Elective(2cr)	3	
HSC	159-281			By Title		CAREER-TECH		
HONORS								
HON	100			Introduction to Honors	GENERAL	ELECTIVE	2	
HON	101			Introduction to Honors	GENERAL	ELECTIVE	1	
HON	150			Honors Service Learning	GENERAL	ELECTIVE	1	
HON	200			Honors Capstone	GENERAL	ELECTIVE	2	
HON	201			Honors Leadership	GENERAL	ELECTIVE	1	
HON	250			Honors Capstone	GENERAL	ELECTIVE	1	
HUMAN SERVICES								
HSV	109	HUMS	101	Introduction to Human Services	GENERAL	ELECTIVE	3	
HSV	130	HUMS	202	Interviewing/Interpersonal Relations	GENERAL	ELECTIVE	3	
HSV	133			Conflict Resolution	GENERAL	ELECTIVE	3	
HSV	135	HUMS	211	Women's Issues	GENERAL	ELECTIVE	3	
HSV	185			Discrimination and Diversity	GENERAL	ELECTIVE	3	
HSV	220	HUMS	109	Intro to Counseling Theories	GENERAL	ELECTIVE	3	
HSV	228			Group Counseling Techniques	GENERAL	ELECTIVE	3	
HSV	230	HUMS	104	Community Organization	GENERAL	ELECTIVE	3	
HSV	255	HUMS	216	Addictive Disease Concepts	GENERAL	ELECTIVE	3	
HSV	286	HUMS	205	Intervention Theories/Practice I	GENERAL	ELECTIVE	3	
HSV	288			Intervention Theories/Prac II	GENERAL	ELECTIVE	3	
HSV	802	HUMS	208	Internship	GENERAL	ELECTIVE	Varies	
HSV	811			Pract: Chemical Depend Counsel I	GENERAL	ELECTIVE	3	
HSV	812			Pract: Chemical Depend Counsel II	GENERAL	ELECTIVE	3	
HUMANITIES								
HUM	116	HUMN	131	Encounters in Humanities	GENERAL	ELECTIVE	3	ARTS
HUM	120	HUMN	115	Introduction to Film	GENERAL	ELECTIVE	3	
HUM	121	HUMN	133	America in the Movies	GENERAL	ELECTIVE	3	
HUM	249			Study Abroad: BritLife & Culture	GENERAL	ELECTIVE	3	
INFORMATICS								
INF	110			Fundamental Informatics	GENERAL	ELECTIVE	3	
INF	130			Social Informatics	GENERAL	ELECTIVE	3	
INF	220			Human-Computer Interaction	GENERAL	ELECTIVE	3	
INF	230			Organization Informatics	GENERAL	ELECTIVE	3	
INF	310			Informatics Security	GENERAL	ELECTIVE	3	
INF	320			Legal Informatics Issues	GENERAL	ELECTIVE	3	
INDUSTRIAL TECHNOLOGY								
IND	124-147	HTPC	370-382	By Title		CAREER-TECH		
INTERIOR DESIGN								
INT	124-125	MKTG	234-235	By Title		CAREER-TECH		
INTERPRETATION AND TRANSLATION								
ITR	101-910			By Title		CAREER-TECH		
JOURNALISM								
JOU	110	JNAD	120	Introduction to Mass Media	JMC	030	3	INFO
JOU	113			Gender Sexuality and the Media	JMC	ELECTIVE	3	
JOU	114			Diversity and the Media	JMC	ELECTIVE	3	
JOU	121	JNAD	121	Newswriting and Reporting	JMC	054	3	WRIT
JOU	122			Intro to News Production		NO CREDIT		
JOU	142			News Practicum I		NO CREDIT		
JOU	143			News Practicum II		NO CREDIT		
JOU	163	JNAD	127	News Media and Politics	JMC	ELECTIVE	3	
JOU	165	JNAD	125	Principles of Advertising	JMC	076	3	CRIT

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of
Number		Number			Equivalent			Inquiry (AOI)
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JOU	242			News Practicum III		NO CREDIT		
JOU	243			News Practicum IV		NO CREDIT		
LITERATURE								
LIT	101	LITR	120	Intro to Literature	ENG	ELECTIVE	3	
LIT	105	LITR	124	Children's Literature	EDUC	124	3	
LIT	110	LITR	122	Amer Literature to Mid 1800's	ENG	040	3	
LIT	111	LITR	123	Amer Literature since Mid 1800's	ENG	060	3	
LIT	130	LITR	133	African-American Literature	ENG	065	3	GLOB
LIT	142	LITR	121	Major British Writers	ENG	ELECTIVE	3	
LIT	150			World Literature I	ENG	020	3	GLOB
LIT	151			World Literature II	ENG	020	3	GLOB
LIT	166	LITR	130	Science Fiction	ENG	ELECTIVE	3	
LIT	180	HUMN	137	Mythology	ENG	ELECTIVE	3	
LIT	185	LITR	125	Contemporary Literature	ENG	ELECTIVE	3	
LIT	188	LITR	131	Detective Fiction	ENG	ELECTIVE	3	
LIT	190	LITR	134	Women Writers	ENG	ELECTIVE	3	
LIT	193	LITR	132	Humor in Literature	ENG	ELECTIVE	3	
LIT	209			Literature Film Adaptation	ENG	030	3	CRIT
LIT	210			The Graphic Novel	ENG	030	3	CRIT
MEDICAL ASSISTANT								
MAP	106-807	Misc	Misc	By Title		CAREER-TECH		
MATH								
MAT	034-093	MATH	088-090	By Title		NO CREDIT		
MAT	110			Math for Liberal Arts	MATH	017	3	QUAN
MAT	114	MATH	118	Elementary Educators Math I	MATH	ELECTIVE*	3	QUAN
MAT	116	MATH	119	Elementary Educators Math II	MATH	ELECTIVE*	3	QUAN
MAT	121	MATH	120	College Algebra	MATH	ELECTIVE	4	QUAN
MAT	129	MATH	124	Precalculus	MATH	020	5	QUAN
MAT	130	MATH	123	Trigonometry	MATH	ELECTIVE	3	
MAT	141	MATH	115	Finite Math	MATH	ELECTIVE	4	QUAN
MAT	148			Linear Algebra w/ Applications	MATH	080	4	QUAN
MAT	157	MATH	121	Statistics	STAT	071**	4	QUAN
MAT	160	MATH	125	Statistical Business Applications	MATH	ELECTIVE	2	
MAT	162	MATH	N / A	Principles of Business Statistics	STAT	ELECTIVE	4	QUAN
MAT	166	MATH	122	Calculus for Business/Social Science	MATH	028	4	QUAN
MAT	211	MATH	129	Calculus I	MATH	050	5	QUAN
MAT	217	MATH	130	Calculus II	MATH	070	5	QUAN
MAT	219	MATH	131	Calculus III	MATH	100	4	QUAN
MAT	227	MATH	132	Differential Equations with Laplace	MATH	120	4	
MAT	772-900	MATH	410-411	By Title		CAREER-TECH		
* MAT 114 and 116 must both be taken in order to receive credit for Drake's MATH 024 and 025 sequence.								
** MAT 157 will transfer in as Drake's STAT 060 in the College of Pharmacy and Health Sciences.								
MOBILE DEVELOPMENT TECHNOLOGY								
MDT	101-341			By Title		CAREER-TECH		
MANUFACTURING								
MFG	105-932			By Title		CAREER-TECH		
MANAGEMENT								
MGT	101	MGMT	102	Principles of Management	MGMT	ELECTIVE	3	
MGT	115	MGMT	153	Administrative Management	MGMT	ELECTIVE	3	
MGT	128	MGMT	104	Organizational Behavior	MGMT	110	3	
MGT	130	MGMT	101	Principles of Supervision	MGMT	ELECTIVE	3	
MGT	145	MGMT	203	Human Relations in Business	MGMT	ELECTIVE	3	
MGT	147-807	MGMT		By Title		CAREER-TECH		
MARKETING								
MKT	110	MKTG	102	Principles of Marketing	MKTG	101	3	
MKT	115	MKTG	211	Business-to-Business Marketing	MKTG	ELECTIVE	3	
MKT	120	MKTG	305	E-Marketing		CAREER-TECH	3	
MKT	121			Digital Marketing		CAREER-TECH		

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
MKT	140	MKTG	103	Selling	MKTG	ELECTIVE	3	
MKT	141	MGMT	232	Advanced Selling Strategies		CAREER-TECH	3	
MKT	145	MGMT	103	Sales Management	MKTG	ELECTIVE	3	
MKT	150	MKTG	104	Principles of Advertising	JMC	076	3	CRIT
MKT	160	MKTG	321	Principles of Retailing		CAREER-TECH	3	
MKT	182			Customer Relationship Mgmt		CAREER-TECH	3	
MKT	184	BTEC	434	Customer Service		CAREER-TECH	3	
MKT	199	MKTG	306	Sports/Entertainment Mktg.		CAREER-TECH	3	
MEDICAL LABORATORY TECHNOLOGY								
MLT	115-290	MLTS	401-465	By Title		CAREER-TECH		
ARCHITECTURAL MILLWORK								
MLW	440-449	MILL	440-449	By Title		CAREER-TECH		
MORTUARY SCIENCE								
MOR	215-941	MORS	198-365	By Title		CAREER-TECH		
MEDICAL TRANSCRIPTION								
MTR	120-122	BTEC	Misc	By Title		CAREER-TECH		
APPLIED MUSIC								
MUA	101	MUSI	136	Applied Voice	MUS	ELECTIVE*	1	
MUA	120	MUSI	137	Applied Piano I	MUS	ELECTIVE*	1	
MUA	147	MUSI	139	Applied Instrumental	MUS	ELECTIVE*	1	
* Music Majors: These courses will be reviewed for transfer toward the major requirements, depending on specific instrument and subject to the same restrictions for credit as stated in the Drake General Catalog for applied music courses.								
GENERAL MUSIC								
MUS	100	MUSI	130	Music Appreciation	MUS	080	3	ARTS
MUS	102	MUSI	131	Music Fundamentals	MUS	011	3	ARTS
MUS	106	MUSI	147	Materials of Music I	MUS	ELECTIVE*	4	
MUS	107	MUSI	148	Materials of Music II	MUS	ELECTIVE*	4	
MUS	143	MUSI	144	Concert Choir	MUS	149	2	
MUS	202			World Music	MUS	081	3	ARTS or GLOB
MUS	204			History of Rock and Roll	MUS	ELECTIVE	3	
MUS	205			Jazz History and Appreciation	MUS	078	3	ARTS
MUS	275	MUSI	145	Chamber Ensemble	MUS	ELECTIVE	3	
* Students will be evaluated individually for appropriate music theory placement. Credits will be reassigned as equivalents to Drake's music theory sequence, when appropriate, after proficiency testing has been completed.								
NETWORK								
NET	123-932	Misc	Misc	By Title		CAREER-TECH		
OPTOMETRIC/OPHTHALMIC ASSISTANT								
OPT	110-818			By Title		CAREER-TECH		
PHARMACY TECHNICIAN								
PHR	100-802			By Title		CAREER-TECH		
PHYSICAL EDUCATION ACTIVITIES (A maximum of 4 activity courses are transferable)								
PEA	102-284			By Title	GENERAL	ELECTIVE		
COACHING OFFICIATING								
PEC	110	PHYE	155	Coaching Ethics, Tech & Theory	EDUC	ELECTIVE (1)	1	
PEC	122			Intro Anat & Phys for Coaching	EDUC	ELECTIVE (2)	1	
PEC	161	PHYE	140	Sports Officiating	GENERAL	ELECTIVE	3	
PEC	190			Sports Psychology for Coaches	EDUC	ELECTIVE (1)	1	
PEC	191			Current Issues in Coaching	EDUC	ELECTIVE (1)	1	
PEC	215			Sport Mechanics for Coaches	EDUC	ELECTIVE (2)	1	
(1) If PEC 110, PEC 190, & PEC 191 are all taken, the sequence transfers in as Drake's EDUC 173								
(2) If PEC 122 & PEC 215 are both taken, the sequence transfers in as Drake's EDUC 172								
PHYSICAL EDUCATION & HEALTH-GENERAL								
PEH	102	PHYE	146	Health	GENERAL	ELECTIVE	3	
PEH	110	PHYE	164	Personal Wellness	GENERAL	ELECTIVE	2	
PEH	120			Principles Personal Training I	GENERAL	ELECTIVE	3	
PEH	141	EXSP	145	First Aid	GENERAL	ELECTIVE	2	
PEH	162	PHYE	144	Introduction to Physical Education	GENERAL	ELECTIVE	3	
PEH	178			Sports Diversity		CAREER-TECH	3	

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
PEH	190			Sports Nutrition		CAREER-TECH	2	
PEH	255	EXSP	270	Principles - Sports Management	GENERAL	ELECTIVE	3	
PEH	262	PHYE	149	Wellness Prog/Planning/Organization	GENERAL	ELECTIVE	3	
PEH	265	EXSP	221	Leadership Tech for Fitness Programs	GENERAL	ELECTIVE	2	
PEH	920	EXSP	271	Field Experience	GENERAL	ELECTIVE	2	
PHYSICAL EDUCATION TRAINING								
PET	110	PHYE	157	Introduction to Athletic Training		CAREER-TECH	2	
INTERCOLLEGIATE PHYSICAL EDUCATION (A maximum of 4 intercollegiate physical education courses are transferable)								
PEV	115	PHYE	142	Varsity Baseball	GENERAL	ELECTIVE	1	
PEV	121	PHYE	138	Varsity Basketball, Men	GENERAL	ELECTIVE	1	
PEV	122	PHYE	139	Varsity Basketball, Women	GENERAL	ELECTIVE	1	
PEV	130			Varsity Cross County	GENERAL	ELECTIVE	1	
PEV	140			Varsity Golf	GENERAL	ELECTIVE	1	
PEV	160			Varsity Softball	GENERAL	ELECTIVE	1	
PEV	170			Varsity Volleyball	GENERAL	ELECTIVE	1	
PEV	190	PHYE	135	Varsity Spirit Squad	GENERAL	ELECTIVE	1	
PHLEBOTOMY								
PHB	113			Principles of Phlebotomy		CAREER-TECH	3	
PHB	280	PHLE	320	Phlebotomy		CAREER-TECH	3	
PHILOSOPHY								
PHI	101	PHIL	110	Introduction to Philosophy	PHIL	021	3	CRIT
PHI	105	PHIL	112	Introduction to Ethics	PHIL	090	3	CRIT or VE
PHI	110	PHIL	111	Introduction to Logic	PHIL	ELECTIVE	3	
PHARMACY TECHNICIAN								
PHR	100-802			By Title		CAREER-TECH		
PHYSICAL SCIENCE								
PHS	152			Astronomy	ASTR	001, 01L	4	PHSC
PHS	166			Meteorology, Weather, & Climate	ENSP	022,023	4	PHSC
PHYSICS								
PHY	106	PHYL	106	Survey of Physics	PHSC	001	4	PHSC
PHY	160	PHYL	111	General Physics I	PHY	011	5	PHSC
PHY	161	PHYL	112	General Physics II	PHY	012	5	
PHY	213	PHYL	121	Classical Physics I	PHY	001	6	PHSC
PHY	223	PHYL	122	Classical Physics II	PHY	002	6	
PHY	710	PHYL	401	Technical Physics		CAREER-TECH	3	
PRACTICAL NURSING								
PNN	151-606	NURS	198-246	By Title		*		
*The assistant or associate dean of the college or school into which the student transfers will determine whether any nursing credits apply to degree requirements.								
POLITICAL SCIENCE								
POL	111	PLSC	111	American National Government	POLS	001	3	
POL	112	PLSC	112	Amer State & Local Government	POLS	ELECTIVE	3	
POL	121	PLSC	121	International Relations	POLS	075	3	GLOB
POL	125	PLSC	122	Comparative Gov't & Politics	POLS	065	3	GLOB
POL	129	PLSC	129	Politics of Terrorism	POLS	ELECTIVE	3	
POL	163			News Media and Politics	POLS	ELECTIVE	3	CITZ
POL	171	PLSC	126	Introduction to Public Administration	POLS	ELECTIVE	3	
PARALEGAL								
PRL	103-280	LEGA	240-265	By Title		CAREER-TECH		
PSYCHOLOGY								
PSY	102	PSCH	106	Human and Work Relations	PSY	ELECTIVE	3	
PSY	111	PSCH	101	Introduction to Psychology	PSY	ELECTIVE	3	LIFE
PSY	121	PSCH	103	Developmental Psychology	PSY	ELECTIVE	3	
PSY	140	PSCH	155	Exploring Mental Health	PSY	ELECTIVE	3	
PSY	172	PSCH	110	Stress and Stress Management	PSY	ELECTIVE	3	
PSY	241	PSCH	104	Abnormal Psychology	PSY	076	3	
PSY	251	PSCH	105	Social Psychology	PSY	030	3	CRIT

New Course		Old Course		DMACC Course Title	Drake Course		Credits	Area of Inquiry (AOI)
Number		Number			Equivalent			
Alphabetical by acronym								
PSY	261	PSCH	108	Human Sexuality	PSY	081	3	
PSY	281	PSCH	109	Educational Psychology	EDUC	108	3	
PSY	281	PSCH	109	Educational Psychology-Special Section	EDUC	108	3	
PSY	291	PSCH	107	Principles of Behavior Modification	PSY	060	3	
RESPIRATORY THERAPY								
RCP	100-800	RESP	300-392	By Title		CAREER-TECH		
READING								
RDG	038-049	READ	087-088	By Title		NO CREDIT		
RDG	163	READ	116	Speed Reading	GENERAL	ELECTIVE	3	
REAL TIME REPORTING								
CRC	100-275			By Title		CAREER-TECH		
RELIGION								
REL	101	PHIL	113	Survey of World Religions	REL	003	3	GLOB
RAILROAD OPERATIONS								
RRO	101			Railcar Safety		CAREER-TECH	2	
STUDENT DEVELOPMENT								
SDV	108	CDEV	100	The College Experience	GENERAL	ELECTIVE	1	
SDV	115	CDEV	101	Study Strategies		NO CREDIT	0	
SDV	130	CDEV	110	Career Exploration	GENERAL	ELECTIVE	1	
SDV	157	COOP	301	Building a Professional Portfolio		CAREER-TECH	1	
SDV	164			Electronic Portfolio Development		CAREER-TECH	2	
SDV	165			Transfer Planning	GENERAL	ELECTIVE	1	
SDV	171	LIBS	102	Library Instruction	GENERAL	ELECTIVE	1	
SDV	172	LIBS	123	Internet Research Techniques	GENERAL	ELECTIVE	1	
SDV	197			SAC Experience	GENERAL	ELECTIVE	1	
SDV	212	COOP	212	COOP Career Seminar		CAREER-TECH	1	
SDV	222-227	COOP	221-226	By Title		CAREER-TECH		
SDV	288			Leadership Dev Studies	GENERAL	ELECTIVE	3	
SOCIOLOGY								
SOC	110	SOCY	101	Introduction to Sociology	SCSS	001	3	
SOC	115	SOCY	102	Social Problems	SCSS	ELECTIVE	3	
SOC	120	SOCY	103	Marriage & Family	SCSS	050	3	
SOC	165	SOCY	110	Group Dynamics	SCSS	ELECTIVE	3	
SOC	200	SOCY	105	Minority Group Relations	SCSS	020	3	GLOB
SOC	225	SOCY	204	Social Gerontology/Applications	SCSS	ELECTIVE	4	
SOC	226	SOCY	205	Issues in Aging	SCSS	ELECTIVE	2	
SOC	230	SOCY	106	Juvenile Delinquency	SCSS	ELECTIVE	3	
SOC	240	SOCY	107	Criminology	SCSS	ELECTIVE	3	
SOC	282			Environmental Sociology	SCSS	ELECTIVE	3	CITZ
SPEECH								
SPC	101	SPCH	110	Fundamentals of Oral Communication	SCSR	073	3	CRIT
SPC	120			Intercultural Communication	SCSR	ELECTIVE	3	
SPC	126	SPCH	117	Interpersonal & Small Group Comm.	SCSR	ELECTIVE	3	
SPC	170	SPCH	119	Professional Communication	SCSR	ELECTIVE*	3	
*May not be applied to Rhetoric major								
LAND SURVEYING								
SRV	110-305	SURV	310-440	By Title		CAREER-TECH		
SURGICAL TECHNOLOGY								
SUR	130-810	SUR		By Title		CAREER-TECH		
TELECOMMUNICATIONS TECHNOLOGY								
TEL	111-243	TELE	311-443	By Title		CAREER-TECH		
VITICULTURE & ENOLOGY								
VIN	101-932			By Title		CAREER-TECH		
WATER ENVIRONMENTAL TECHNOLOGY								
WAT	100-932			By Title		CAREER-TECH		
WEB DEVELOPMENT								
WDV	101-932			By Title		CAREER-TECH		
WELDING								

New Course		Old Course		DMACC Course Title	Drake Course	Credits	Area of
Number		Number			Equivalent		Inquiry (AOI)
Alphabetical by acronym							
WEL	111-710	WELD	473-499	By Title	CAREER-TECH		
WIND ENERGY & TURBINE TECHNOLOGY							
WTT	103-247			By Title	CAREER-TECH		