

# **DRAKE UNIVERSITY ARTICULATION AGREEMENT**

with

## **NORTH IOWA AREA COMMUNITY COLLEGE**

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

### **AREAS OF INQUIRY DRAKE CURRICULUM**

***DRAKE GENERAL EDUCATION FOR ENTRY  
SPRING 2012 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 North Iowa Area Community College 2011-2012 General Catalog and the Drake University 2011-2012 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/advantage](http://www.drake.edu/advantage) 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/advantage](http://www.drake.edu/advantage)

October 2011

## *Welcome!*

Welcome to the Drake University / NIACC 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 NIACC 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 Associate or Assistant Dean 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 Associate or Assistant Dean to begin planning the details of your degree program. It is recommended that students planning for transfer to Drake save NIACC course syllabi for in-depth review for transfer.

## *Special Notation*

Some courses from NIACC have limited application within certain Drake colleges and schools. Those courses are indicated with the following notation:

**WITH VALIDATION:** For some equivalent courses taught at Drake as upper-division courses within the College of Business and Public Administration, a student must validate the NIACC course to demonstrate acquisition of knowledge by one of three methods: passing a higher-level course at Drake within the same department; challenge testing; or CLEP examinations (when appropriate).

The Associate or Assistant Dean of the Drake college or school to which you will be granted admission can provide you with more information when you begin planning your degree program.

## *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 1 for fall applicants whose files are complete and thereafter within three weeks of all required materials are received. Spring admission notification begins June 1. After admission, students receive an official evaluation of their transfer credits and are given the name of the Associate or Assistant Dean who will serve as their initial advisor 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](http://www.fafsa.ed.gov)

Drake's code number is **001860**.

In order to meet the priority filing deadline for federal, state and institutional aid, file the FAFSA between January 1 and Mid-March.

### ***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 (HIST)
- 6) Global and Cultural Understanding (MULT)
- 7) Scientific Literacy (LIFE, PHSC)
- 8) Quantitative Literacy (QUAN)
- 9) Values and Ethics (VE)
- 10) The Engaged Citizen (CITZ)

NIACC courses that meet these requirements can be found beginning on page 11. Further details about the Drake Curriculum and the ten Areas of Inquiry can be found at [www.drake.edu/dc](http://www.drake.edu/dc)

## ***College of Arts and Sciences and School of Fine Arts***

Courses are accepted by Drake at their NIACC semester hour value. The list of NIACC approved courses that will fit the Drake Curriculum begins on page 11. If you plan to complete your associate degree, please work closely with your NIACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the NIACC 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.

We have listed recommended courses for particular majors below. However, requirements for the many majors within the College of Arts and Sciences and School of Fine Arts are varied, it is to your advantage to contact a Drake advisor early in your enrollment at NIACC to plan a course of study that will lay a foundation for your intended major. You may contact a Drake admission counselor at 1-800-44-DRAKE, x3181, or 1-515-271-3181 locally for referral.

### **Anthropology and Sociology**

ANT 105 Introduction to Cultural Anthropology

SOC 110 Introduction to Sociology

### **Art (Art History, Graphic Design, Studio Art)**

ART 120 Two-Dimensional Design

ART 133 Drawing

ART 143 Painting I

ART 203 Art History I

ART 204 Art History II

### **Astronomy**

MAT 210 Calculus I

MAT 216 Calculus II

MAT 219 Calculus III

PHS 142 Astronomy

PHY 212 College Physics I

PHY 222 College Physics II

\*Also any computer language course

### **Biochemistry, Cell and Molecular Biology**

BIO 202 Biology I

BIO 203 Biology II

CHM 166 Chemistry Principles I

CHM 176 Chemistry Principles II

CHM 263 Organic Chemistry I

CHM 273 Organic Chemistry II

MAT 210 Calculus I (or MAT 156 Introduction to Statistics for BA in BCMB)

PHY 162 General Physics I (not required for BA in BCMB)

PHY 172 General Physics II (not required for BA in BCMB)

### **Biology**

BIO 202 Biology I

BIO 203 Biology II

CHM 166 General Chemistry I

CHM 176 General Chemistry II

CHM 263 Organic Chemistry I

CHM 273 Organic Chemistry II

MAT 128 Pre-Calculus (for BA in Biology Pre-Calculus is highest level mathematics required)

MAT 210 Calculus I (for BS in Biology Calculus I is highest level mathematics required)

**Chemistry**

CHM 166 General Chemistry I

CHM 176 General Chemistry II

CHM 263 Organic Chemistry I

CHM 273 Organic Chemistry II

MAT 210 Calculus I (for BA in Chemistry Calculus I is highest level mathematics required)

MAT 216 Calculus II (for BS in Chemistry Calculus II is highest level mathematics required)

PHY 162 College Physics I (for BA in Chemistry College Physics I is highest level physics required)

PHY 172 College Physics II (for BS in Chemistry College Physics II is highest level physics required)

**Computer Science**

MAT 210 Calculus I

**English/English Writing**

\*Courses should be selected based on area of interest

**Environmental Policy**

BIO 202 Biology I

BIO 203 Biology II

ECN 130 Microeconomics

POL 111 American National Government

**Environmental Science**

BIO 202 Biology I

BIO 203 Biology II

CHM 166 General Chemistry I

CHM 176 General Chemistry II

POL 111 American National Government

**History**

HIS 112 Western Civilization: Ancient-Early Modern

HIS 113 Western Civilization: Early Modern to Present

HIS 151 US History to 1877

HIS 152 US History Since 1877

**International Relations**

ECN 120 Macroeconomics

ECN 130 Microeconomics

POL 111 American National Government

POL 121 International Relations

\*Foreign Language Requirement - Students must demonstrate functional competence in a second language (including reading, writing, speaking and oral comprehension) prior to graduation. Options for achieving the necessary competence include family background or life experience, high school training, college coursework (by transfer from another institution), study abroad, independent study and participation in the Drake Language Acquisition Program. The necessary level of competency will normally be demonstrated by examination.

**Law, Politics and Society**

BUS 185 Business Law I

ECN 120 Macroeconomics

ECN 130 Microeconomics

PHI 105 Introduction to Ethics

POL 111 American National Government

POL 121 International Relations

SOC 110 Introduction to Sociology

**Mathematics/Mathematics for Secondary Education**

MAT 210 Calculus I

MAT 216 Calculus II

MAT 219 Calculus III

**Music (Applied, Music Business, Music Education, BA in Music)**

MUS 122 Music Theory I

MUS 123 Music Theory II

MUS 222 Music Theory III

MUS 223 Music Theory IV

\*Select other courses based on interest and instrument

**Philosophy**

PHI 101 Introduction to Philosophy

PHI 105 Introduction to Ethics

**Physics/Physics Engineering**

CHM 166 General Chemistry I

MAT 210 Calculus I

MAT 216 Calculus II

MAT 219 Calculus III

PHY 212 College Physics I

PHY 222 College Physics II

\*Also any computer language course

**Politics**

POL 111 American National Government

POL 121 International Relations

**Psychology**

PSY 111 Introduction to Psychology

\*PSY 223 Child and Adolescent Psychology

\*Courses should be chosen based on area of interest

**Rhetoric and Communication Studies**

SPC 111 Public Speaking

**Sociology**

SOC 110 Introduction to Sociology

\*SOC 115 Social Problems

\*SOC 120 Marriage and Family

\*Courses should be chosen based on area of interest

**Study of Culture and Society**

ANT 105 Cultural Anthropology

OR

SOC 110 Introduction to Sociology

### ***College of Business & Public Administration***

Courses are accepted by Drake at their NIACC semester hour value. If you plan to complete your associate degree, please work closely with your NIACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the NIACC 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 NIACC classes for students planning to transfer into a business major include the following:**

ECN 120	Principles of Macroeconomics
ECN 130	Principles of Microeconomics
MAT 165	Calculus for Business / Social Science <b>or</b> MAT 210 Calculus I*
MAT 156	Statistics
ACC 121	Principles of Accounting I
ACC 122	Principles of Accounting II
BUS 185	Business Law I
SPC 111	Public Speaking

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

\* Actuarial science majors should take MAT 210, 216 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 NIACC semester hour value. If you plan to complete your associate degree, please work closely with your NIACC 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. **A Recommended NIACC course for students planning to transfer into the School of Journalism and Mass Communication is:**  
JOU 121 News Writing and Reporting

### ***School of Education***

Courses are accepted by Drake at their NIACC semester hour value. If you plan to complete your associate degree, please work closely with your NIACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the NIACC 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 NIACC education courses for students wanting to transfer to teacher education at Drake:**

EDU 216	Introduction to Teaching
EDU 242	Educational Measurement and Evaluation
EDU 246	Mainstreaming the Exceptional Learner
EDU 250	Ed Media & Classroom Computing Techniques

Transfer planning guides for various teaching endorsements for both elementary and secondary education are on the following two pages:

## Courses recommended for education majors for Drake Curriculum Areas of Inquiry(AOI):

Writing	ENG 105 or ENG 221
Critical Thinking	SPC 111
Artistic Experience	MUS 100
Historical Foundations	HIS 151, 152
Global and Cultural Understanding	ANT 105
Values & Ethics	PHI 105
Scientific Literacy	
Life Science	BIO 102 and 103 or BIO 152
Physical Science	CHM 166, PHS 125
Quantitative Literacy	MAT 128
The Engaged Citizen	SOC 115

### NIACC - Drake University Elementary Education Endorsements

*This partial list articulates only NIACC courses that apply. Students are encouraged to contact the School of Education to discuss additional requirements.*

- |   |  |                                |
|---|--|--------------------------------|
| A. Art  | Drawing  | ART 133                        |
|   | Two-Dimensional Design   | ART 120                        |
| <i>Students are encouraged to contact the School of Education to discuss additional requirements.</i> |  |                                |
| B. Early Childhood Education  |  |                                |
| <i>Students are encouraged to contact the School of Education to discuss requirements.</i>            |  |                                |
| C. English / Language Arts  |  |                                |
|   | British Literature*  |                                |
|   | American Literature*   |                                |
|   | Expository Writing   | ENG 106                        |
|   | Creative Writing   | ENG 221                        |
| <i>*Students are encouraged to contact the School of Education to discuss requirements.</i>           |  |                                |
| D. Foreign Language.  | <i>Students should complete the beginning two-semester sequence of their intended major language of study.</i> |                                |
| E. Health   | Biology  | BIO 102 + 103 or BIO 152 + 157 |
|   | General Psychology   | PSY 111                        |
| F. History  | Western Civilization   | HIS 112 and 113                |
|   | U.S. History   | HIS 151 and 152                |
| G. Mathematics  | Elementary Statistics  | MAT 161 or MAT 156             |
|   | Calculus I   | MAT 210                        |
|   | Calculus II  | MAT 216                        |
| H. Reading  | <i>Students are encouraged to contact the School of Education to discuss requirements.</i>                     |                                |
| I. Science  | Biology I & II   | BIO 102 + 103 or BIO 152+157   |
|   | Chemistry I & II   | CHM 166 and 176                |
|   | Physical Science   | PYS 125                        |
|   | Physics I & II   | PHY 162 + 172                  |
| J. Social Studies   | Economics  | ECN 120                        |
|   | American History   | HIS 151                        |
|   | Political Science  | POL 111                        |
|   | Psychology   | PSY 111                        |
|   | Sociology  | SOC 110                        |
| K. Speech Communication/Theater   |  |                                |
|   | Public Speaking  | SPC 111                        |
|   | Theatre  | DRA 119                        |

## NIACC - Drake University Secondary Education Endorsements

*This partial list articulates only the NIACC courses that apply. Students are encouraged to contact the School of Education to discuss additional requirements.*

A. Art	Drawing	ART 133	
	Two-Dimensional Design	ART 120	
<i>Students are encouraged to contact the School of Education to discuss additional requirements.</i>			
B. Business - General	Economics	ECN 120+ 130	
	College Algebra	MAT 121	Marketing
	Pre-Calculus	MAT 128	Management
	Accounting I & II	ACC 121 +122	Business Law I & II
			MKT 110
			MGT 101
			BUS 185+186
C. English/Lang. Arts	Speech (Public Speaking)	SPC 111	
<i>Students are encouraged to contact the School of Education to discuss additional requirements.</i>			
D. Foreign Languages. <i>Students should complete the beginning two-semester sequence of their intended major language of study, and one additional semester in a second foreign language.</i>			
E. Mathematics	Calculus & Analy. Geometry I, II	MAT 210, 216	
	Statistics	MAT 161 or MAT 156	
F. Science - Biology	Chemistry	CHM 166+176 and CHM 263 + 273	
	Biology	BIO 102+103 or BIO 152+157	
	College Algebra	MAT 121	
	Pre-Calculus	MAT 128	
G Science - Chemistry	Inorganic Chemistry	CHM 166+176	
	Organic Chemistry	CHM 263+273	
H. Earth Science	Calculus & Analy. Geometry I	MAT 210	
	Chemistry	CHM 166+176	
	Physics I & II	PHY 162+172	
I. General Science	Chemistry	CHM 166 +176	
	Biology	BIO 102+103 or BIO 152+157	
	College Algebra	MAT 121	
	Pre-Calculus	MAT 128	
J. Physical Science	Calculus & Analy. Geometry I	MAT 210	
	Chemistry	CHM 166+176	
	Physics I & II	PHY 162+172	
K. Physics	Physics I & II	PHY 162+172	
	Calculus & Analy. Geometry I, II	MAT 210, 216	
L. Social Science - American History	American History	HIS 151+152	
	Economics	ECN 120+130	
	Political Science	POL 111	
	Sociology	SOC 110	
M. Social Science - Geography	<i>Students are encouraged to contact the School of Education to discuss requirements.</i>		
N. Social Science - Sociology		SOC 110, 115, 120	
O. Social Science - World History	Western Civilization	HIS 122+113	
	Economics	ECN 120+130	
	Political Science	POL 111	
	Sociology	SOC 110	
P. Rhetoric Comm. / Theater / English	Public Speaking	SPC 111	
	English (Communication Skills I)	ENG 105	

## College of Pharmacy & Health Science (CPHS)

Drake accepts courses at their NIACC semester-hour value. If you plan to complete your associate degree, please work closely with your NIACC 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 (**clinical and applied sciences track (C)**), administrative (**health services management track (M)**), and research (**pharmaceutical sciences track (P)**).

### **Health Sciences recommended courses**

NIACC	DRAKE UNIVERSITY
BIO 202 and 203 General Biology I	BIO 12/12L and 13/13L General Biology I and II
BIO 206 and 207 Anatomy & Physiology I	BIO 18/18L
BIO 103 Microbiology with Lab (P track)	BIO 095 Medical Microbiology
CHM 166&167 General / Inorganic Chemistry I&II	CHEM 001/003&CHEM002/004 General Chemistry I&II
CHM 263 & 273 Organic Chemistry I & II (C and P tracks)	Will satisfy Drake's pre-requisites
ENG 105 or ENG 106 Composition I or Composition II and a second English Writing Course	First Year Seminar (FYS) and Written Communication AOI
MAT 156 or MAT 161 Statistics or Business Statistics	STAT 060 Statistics for the Life Sciences for pharmacy students
MAT 210 or 165 Calculus I (C and P tracks) or Calculus for Business/Social Sci (M track)	MATH 050 Calculus I
SPC 111 Fundamentals of Oral Communication	SCSR 073 Public Speaking

Visit [www.drake.edu/cphs](http://www.drake.edu/cphs) view additional program information.

### **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 [pharmacyhs.drake.edu](http://pharmacyhs.drake.edu) and [www.drake.edu/advantage](http://www.drake.edu/advantage). All professional-program applicants must complete the application offered by the Pharmacy College Application Service (PharmCAS), which is only available at [PharmCAS.org](http://PharmCAS.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 download and print from the PharmCAS website. **The deadline to apply to the professional program PharmD through PharmCAS is December 1 for the following fall semester entry. Details on the admission process will be available at [PharmCAS.org](http://PharmCAS.org) and [pharmacyhs.drake.edu](http://pharmacyhs.drake.edu) in June each year for the following year.** Applicants must have taken the PCAT no later than October 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 2005 cannot be considered. A minimum cumulative grade point average of 3.0 from all institutions attended and a minimum PCAT score at the 50th percentile are required for admission consideration. The 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. See required prerequisites on the next page.

**PharmD required prerequisites:**

<b>NIACC</b>	<b>DRAKE UNIVERSITY</b>
BIO 202 and 203 General Biology I	BIO 12/12L and 13/13L General Biology I and II
BIO 206 and 207 Anatomy & Physiology I	BIO 18/18L
BIO 103 Microbiology with Lab	BIO 095 Medical Microbiology
CHM 166&167General / Inorganic Chemistry I&II	CHEM 001/003&CHEM002/004 General ChemistryI&II
CHM 263 & 273 Organic Chemistry I & II	Will satisfy Drake's pre-requisites
ENG 105 or ENG 106 Composition I or Composition II and a second English Writing Course	First Year Seminar (FYS) and Written Communication AOI
MAT 156 Statistics	STAT 060 Statistics for the Life Sciences for pharmacy students
MAT 210 Calculus I	MATH 050 Calculus I
SPC 111 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 NIACC 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 NIACC A.A. degree, please work closely with your NIACC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the NIACC 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 <http://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. See <http://www.drake.edu/advantage/academics/ap-ib-clep.php> for more information.

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.

### **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	120	Two-Dimensional Design
ART	123	Three-Dimensional Design
ART	133	Drawing
ART	203	Art History I
ART	204	Art History II
DRA	119	Intro to Theatre, TV and Film
GRA	108	Visual Communication
HUM	115	Encounters in Humanities
MUS	100	Music Appreciation
MUS	212	American Musical Heritage

## 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	121	Principles of Accounting I
BUS	185	Business Law I
LIT	160	Short Story/Novel
PHI	101	Introduction to Philosophy
PHI	105	Introduction to Ethics
SPC	111	Public Speaking

## 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

\*This course must be taken at Drake since NIACC does not offer an equivalent at this time.

## GLOBAL AND CULTURAL UNDERSTANDING (MULT)

*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	142	Elementary Spanish II
FLS	242	Intermediate Spanish II
GEO	124	Regional Geog. of Non-Western World
GEO	125	Regional Geography of the Dev. World
HIS	257	African American History
LIT	130	African American Literature
LIT	131	Native American Literature
LIT	132	Women of Color
LIT	150	World Literature I
LIT	151	World Literature II
POL	121	International Relations

## HISTORICAL FOUNDATIONS (HIST)

*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

ART	203	Art History I
ART	204	Art History II
HIS	112	Western Civilization: Ancient-Early Modern
HIS	113	Western Civilization: Early Modern to Present
HIS	151	U.S. History To 1877
HIS	152	U.S. History Since 1877
HIS	254	American Indian History
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

BCA	101	Introduction to Computers & Information Systems
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## 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

MAT	110	Math for Liberal Arts
MAT	121	College Algebra
MAT	128	Pre-Calculus
MAT	140	Finite Math
MAT	153	Math for Elementary Teachers I
MAT	154	Math for Elementary Teachers II
MAT	156	Intro to Statistics
MAT	165	Calculus (Business)
MAT	210	Calculus I
MAT	216	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			One Physical Science		
BIO	102	Introductory Biology	CHM	122	Introduction to General Chem.
BIO	103	Introductory Biology Lab	CHM	166	General Chemistry I
BIO	151	Nutrition	CHM	273	Organic Chemistry II
BIO	202	Biology I	PHS	125	Physical Science
CHM	122	Introduction to General Chem.	PHY	106	Survey of Physics
ENV	110	Environmental Science	PHY	162	College Physics I
PSY	111	Introduction to Psychology	PHY	212	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
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	102	Composition & Speech I
ENG	103	Composition & Speech II
ENG	105	Composition I
ENG	106	Composition II
ENG	221	Creative Writing
JOU	121	News Writing and Reporting

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
<b>ACC</b>						
ACC	111	Introduction to Accounting	ACCT	ELECTIVE	3	
ACC	121	Principles of Accounting I	ACCT 041	Intro to Financial Accounting	3	CRIT
ACC	122	Principles of Accounting II	ACCT 042	Intro to Managerial Accounting	3	
ACC	135	Personal Income Tax	ACCT	ELECTIVE	3	
ACC	161	Payroll Accounting	ACCT	ELECTIVE	3	
ACC	311	Computer Accounting	ACCT 080	Accounting Information Systems	3	
<b>ADM</b>						
			Career-Tech			
<b>ADN</b>						
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.						
<b>AGA</b>						
			Career-Tech			
<b>AGB</b>						
			Career-Tech			
<b>AGC</b>						
			Career-Tech			
<b>AGE</b>						
			Career-Tech			
<b>AGM</b>						
			Career-Tech			
<b>AGP</b>						
			Career-Tech			
<b>AGS</b>						
			Career-Tech			
<b>ANT</b>	105	Cultural Anthropology	SCSA 002	Intro Cultural Anthropology	3	MULT
<b>ART**</b>						
ART	101	Art Appreciation	ART 074	Intro to Art	3	ARTS
ART	102	Art for Elementary Education	EDUC 083	Special Methods in Art	3	
ART	115	Graphic Design	ART 021	Digital Media	3	
ART	116	Graphic Design II	ART 052	Form & Concept	3	
ART	120	Two-Dimensional Design	ART 013	2-D Design	3	ARTS
ART	123	Three-Dimensional Design	ART 014	3-D Design	3	ARTS
ART	131	Digital Publication Design	ART 021	Digital Media	3	
ART	133	Drawing	ART 015	Drawing I	3	ARTS
ART	134	Drawing II	ART 016	Drawing II	3	
ART	143	Painting I	ART 063	Painting I	3	
ART	144	Painting II	ART 064	Painting II	3	
ART	173	Ceramics	ART	ELECTIVE	3	
ART	187	Creative Photography	ART	ELECTIVE	3	
ART	188	Creative Photography II	ART	ELECTIVE	3	
ART	203	Art History I	ART 075	Themes in Art History	3	ARTS, HIST
ART	204	Art History II	ART 075	Themes in Art History	3	ARTS, HIST
**Credit for specific requirements for Art majors may require portfolio validation in studio courses and proficiency validation in Art History courses. All Art courses with a grade of "C" or better can count as Art electives.						
<b>AUT</b>						
			Career-Tech			
<b>BCA</b>						
BCA	100	Computer Literacy	Career-Tech		1	
BCA	101	Intro to Computers & Information Systems	IS 044	IT Applications for Business	3	INFO
BCA	103	Management Information Systems	IS 101	Info Systems and E-Commerce	3	
BCA	118-778		Career-Tech			
<b>BIO</b>						
BIO	102	Introductory Biology	BIO 001	Biological Sciences- Non-Majors	3	LIFE
BIO	103	Introductory Biology Lab	BIO 001L	Biology Laboratory	1	LIFE
BIO	123	Inquiry Into Life Science	BIOLOGY	ELECTIVE	4	
BIO	151	Nutrition	BIOLOGY	ELECTIVE	3	LIFE
BIO	152	Health and Nutrition	BIOLOGY	ELECTIVE	3	
BIO	186	Microbiology	BIO 103 <sup>3</sup>	Microbiology	4	
BIO	196	Intro to Bio-Technology	BIOLOGY	ELECTIVE	4	
BIO	202	Biology I	BIOLOGY	ELECTIVE <sup>1</sup>	4	LIFE

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
BIO	203	Biology II	BIOLOGY	ELECTIVE <sup>1</sup>	4	
BIO	206	Anatomy & Physiology I	BIOLOGY	ELECTIVE <sup>2</sup>	4	
BIO	207	Anatomy & Physiology II	BIOLOGY	ELECTIVE <sup>2</sup>	4	
BIO	922A	Field Studies in Biology	BIOLOGY	ELECTIVE	1-4	
<sup>1</sup> BIO 202 and 203 together are equivalent to Drake's BIO 12, 12L, 13, 13L						
<sup>2</sup> BIO 206 and 207 together are equivalent to Drake's BIO 18 and 18L						
<sup>3</sup> Pharmacy students will receive credit for BIO 95						
<b>BMA</b>			Career-Tech			
<b>BUS</b>						
BUS	102	Introduction to Business	BUS	ELECTIVE	3	
BUS	107	Business Careers	Career-Tech		1	
BUS	121	Business Communications	BUS	ELECTIVE	3	
BUS	134	The Successful Entrepreneur	<b>ENTR 001</b>	Profiles in Entrepreneurship	2	
BUS	136	Creativity, Innovation & Opportunity Ana	ENTR	ELECTIVE	2	
BUS	142	Planning the Entrepreneurial Venture	ENTR	ELECTIVE	3	
BUS	143	FastTrac NewVenture	Career-Tech		2	
BUS	144	FastTrac GrowthVenture	Career-Tech		2	
BUS	151	Introduction to E-Commerce	BUS	ELECTIVE	3	
BUS	159	Internet Law, Copyright & Computer Ethic	Career-Tech		1	
BUS	161	Human Relations	Career-Tech		3	
BUS	185	Business Law I	<b>BLAW 060</b>	Business Law I	3	CRIT, VE
BUS	186	Business Law II	<b>BLAW 120</b>	Business Law II	3	
BUS	225A	Business Internships	BUS	ELECTIVE	1-5	
BUS	255	60-Hour Real Estate Pre-license	BUS	ELECTIVE	3	
BUS	260	Introduction to Insurance	<b>INS 051</b>	Personal Risk Management	3	
BUS	266	Property & Casualty Insurance	BUS	ELECTIVE	3	
BUS	267	Life, Health, and Disability Insurance	BUS	ELECTIVE	3	
BUS	298	Seminar in Entrepreneurship	ENTR	ELECTIVE	3	
<b>CAD</b>			Career-Tech			
<b>CFR</b>			Career-Tech			
<b>CHM</b>						
CHM	122	Introduction to General Chemistry	CHEM	ELECTIVE	4	LIFE, PHSC
CHM	132	Introduction to Organic and Biochemistry	CHEM	ELECTIVE	4	
CHM	153	College Chemistry I	CHEM	ELECTIVE	5	
CHM	154	College Chemistry II	CHEM	ELECTIVE	5	
CHM	166	General Chemistry I	<b>CHEM 001, 003</b>	General Chemistry I	5	PHSC
CHM	176	General Chemistry II	<b>CHEM 002, 004</b>	General Chemistry II	5	
CHM	263	Organic Chemistry I	<b>CHEM 101*</b>	Organic Chemistry Survey	5	
CHM	273	Organic Chemistry II	CHEM *	ELECTIVE	5	PHSC
* CHM 263 and 273 will satisfy pre-requisites for the College of Pharmacy and Health Sciences						
<b>CIS</b>						
CIS	119	Introduction to Programming	CS	ELECTIVE	4	
CIS	125	Introduction to Programming Logic with I	CS	ELECTIVE	3	
CIS	153	Data Structures	CS	ELECTIVE	4	
CIS	155	Introduction to Video Game Testing	Career-Tech		3	
CIS	156	Testing Concepts	Career-Tech		4	
CIS	157	Beginning iPhone Development	Career-Tech		3	
CIS	172	Java	CS	ELECTIVE	4	
CIS	210-620		Career-Tech		3	
<b>CON</b>			Career-Tech			

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
<b><u>CRJ</u></b>						
CRJ	100	Intro to Criminal Justice	GENERAL	ELECTIVE	3	
CRJ	105	Intermediate Criminal Investigation	GENERAL	ELECTIVE	3	
CRJ	110	Patrol Procedures	Career-Tech		3	
CRJ	130	Criminal Law	GENERAL	ELECTIVE	3	
CRJ	141	Criminal Investigation	GENERAL	ELECTIVE	3	
CRJ	227	Employment Strategies for Criminal Justice	Career-Tech		1	
CRJ	230	Evidence	GENERAL	ELECTIVE	3	
<b><u>DRA</u></b>						
DRA	119	Intro to Theatre, TV and Film	<b>THEA 076</b>	Introduction to the Theatre	3	ARTS
DRA	145	Oral Interpretation	THEA	ELECTIVE	3	
<b><u>ECE</u></b>						
ECE	103	Intro to Early Childhood Education	GENERAL	ELECTIVE	3	
ECE	131	Home & School Relationships in Early Childhood	GENERAL	ELECTIVE	3	
ECE	133	Child Health, Safety, Nutrition	GENERAL	ELECTIVE <sup>1</sup>	3	
ECE	159	Early Childhood Curriculum II	GENERAL	ELECTIVE <sup>2</sup>	3	
ECE	170	Child Growth & Development	GENERAL	ELECTIVE <sup>1</sup>	3	
ECE	243	Early Childhood Guidance	GENERAL	ELECTIVE <sup>2</sup>	3	
<sup>1</sup> ECE 133 and ECE 170 together are equivalent to Drake's EDUC 105 (3cr) & EDUC Elective (3cr)						
<sup>2</sup> ECE 159 and ECE 243 together are equivalent to Drake's EDUC 153 (3cr) & EDUC Elective (3cr)						
<b><u>ECN</u></b>						
ECN	115	Personal Finance	<b>FIN 095</b>	Managing Individual Finances	3	
ECN	120	Principles of Macroeconomics	<b>ECON 001</b>	Principles of Macroeconomics	3	
ECN	130	Principles of Microeconomics	<b>ECON 002</b>	Principles of Microeconomics	3	
<b><u>EDU</u></b>						
EDU	216	Introduction to Teaching	EDUC	ELECTIVE	3	
EDU	219	Field Experience & Seminar	EDUC	ELECTIVE	1	
EDU	235	Children's Literature	<b>EDUC 124</b>	Literature of Childhood and Youth	3	
EDU	236	Young Adult Literature	<b>EDUC 151</b>	Literature for Adolescents	3	
EDU	242	Classroom Assessment	<b>EDUC 107</b>	Learning and Assessment	2	
EDU	246	Including Diverse Learners	<b>SPED 120</b>	Intro to Special Education	3	
EDU	250	Educational Technology and Design	EDUC	ELECTIVE	3	
EDU	290	Education Capstone Seminar	EDUC	ELECTIVE	1	
<b><u>EGR</u></b>						
<b><u>EGT</u></b>						
<b><u>ELT</u></b>						
<b><u>EMS</u></b>						
<b><u>ENG</u></b>						
ENG	014-047		NO CREDIT			
ENG	102	Composition & Speech I	ENG	ELECTIVE	4	WRIT
ENG	103	Composition & Speech II	ENG	ELECTIVE	4	WRIT
ENG	105	Composition I	<b>ENG 001</b>	Seminar in Reading & Writing	3	WRIT
ENG	106	Composition II	ENG	ELECTIVE	3	WRIT
ENG	221	Creative Writing	ENG	ELECTIVE	3	WRIT
ENG	701	Communications I	Career-Tech		3	
ENG	702	Communications II	Career-Tech		3	
<b><u>ENV</u></b>						
ENV	110	Environmental Science	<b>ENSP 035</b>	One Earth: Glob Env Science	3	LIFE
<b><u>FIN</u></b>						
FIN	101	Principles of Banking	FIN	ELECTIVE	3	
FIN	210	Analysis & Valuation of Stocks	FIN	ELECTIVE	1	
FIN	214	Stocks, Bonds & Investing: Oh My!	FIN	ELECTIVE	1	
<b><u>FIR</u></b>						
Career-Tech						

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
<b><u>FLS</u></b>						
FLS	141	Elementary Spanish I	<b>SPAN 001</b>	Beginning Spanish I	4	
FLS	142	Elementary Spanish II	<b>SPAN 002</b>	Beginning Spanish II	4	MULT
FLS	241	Intermediate Spanish I	<b>SPAN 051</b>	Intermediate Spanish I	4	
FLS	242	Intermediate Spanish II	<b>SPAN 052</b>	Intermediate Spanish II	4	MULT
FLS	261	Advanced Spanish I	SPAN	ELECTIVE	3	
FLS	262	Advanced Spanish II	SPAN	ELECTIVE	3	
<b><u>GEO</u></b>						
GEO	124	Regional Geog. of Non-Western World	SCSG	ELECTIVE	3	MULT
GEO	125	Regional Geography of the Dev. World	SCSG	ELECTIVE	3	MULT
GEO	131	Physical Geography	SCSG	ELECTIVE	3	
<b><u>GRA</u></b>						
GRA	108	Visual Communication	<b>JMC 059</b>	Intro to Visual Communication	3	ARTS
GRA	123	Principles of Illustration	ART	ELECTIVE	3	
GRA	140	Digital Imaging	ART	ELECTIVE	3	
GRA	158	Web Multimedia	ART	ELECTIVE	3	
GRA	166	Web Animation	ART	ELECTIVE	3	
GRA	173	Typography	<b>ART 051</b>	Typography	3	
GRA	194	Design Studio Applications	ART	ELECTIVE	3	
GRA	299	Electronic Portfolio	ART	ELECTIVE	3	
GRA	761	Dreamweaver Basics	Career-Tech		1	
GRA	762	Flash Basics	Career-Tech		1	
GRA	763	Fireworks Basics	Career-Tech		1	
GRA	764	Illustrator Basics	Career-Tech		1	
GRA	765	InDesign Basics	Career-Tech		1	
GRA	766	Photoshop Basics	Career-Tech		1	
<b><u>HCM</u></b>						
<b><u>HCR</u></b>						
<b><u>HIS</u></b>						
HIS	112	Western Civilization: Ancient-Early Modern	HIST	ELECTIVE	4	HIST
HIS	113	Western Civilization: Early Modern to Present	HIST	ELECTIVE	4	HIST
HIS	151	U.S. History To 1877	<b>HIST 075</b>	U.S. History To 1877	3	HIST
HIS	152	U.S. History Since 1877	<b>HIST 076</b>	U.S. History Since 1877	3	HIST
HIS	254	American Indian History	HIST	ELECTIVE	3	HIST
HIS	257	African American History	HIST	ELECTIVE	3	HIST, MULT
<b><u>HIT</u></b>						
<b><u>HSC</u></b>						
<b><u>HSV</u></b>						
<b><u>HUM</u></b>						
HUM	115	Encounters in Humanities	GENERAL	ELECTIVE	2	ARTS
HUM	139	British Life & Culture	GENERAL	ELECTIVE	3	
<b><u>IND</u></b>						
<b><u>JOU</u></b>						
JOU	115	Introduction to Journalism	JMC	ELECTIVE	3	
JOU	121	News Writing and Reporting	<b>JMC 054</b>	Reporting & Writing Principles	3	WRIT
JOU	145	LOGOS	JMC	ELECTIVE	1	
<b><u>LIT</u></b>						
LIT	101	Intro to Literature	ENG	ELECTIVE	3	
LIT	130	African American Literature	<b>ENG 065</b>	Intro African American Lit	3	MULT
LIT	131	Native American Literature	<b>ENG 066</b>	American Multicultural Literature	3	MULT
LIT	132	Women of Color	ENG	ELECTIVE	3	MULT
LIT	150	World Literature I	<b>ENG 020</b>	Literature & Culture	3	MULT
LIT	151	World Literature II	<b>ENG 020</b>	Literature & Culture	3	MULT

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
LIT	160	Short Story/Novel	ENG 030	Genres	3	CRIT
LIT	170	Poetry/Drama	ENG	ELECTIVE	3	
<u>MAP</u>			Career-Tech			
<u>MAS</u>			Career-Tech			
<u>MAT</u>						
MAT	030-099		NO CREDIT			
MAT	102	Intermediate Algebra	NO CREDIT		4	
MAT	110	Math for Liberal Arts	MATH 017	Spirit of Mathematics	3	QUAN
MAT	121	College Algebra	MATH	ELECTIVE	4	QUAN
MAT	128	Pre-Calculus	MATH 020	College Algebra	4	QUAN
MAT	134	Trigonometry & Analytic Geometry	MATH	ELECTIVE	3	
MAT	140	Finite Math	MATH	ELECTIVE	3	QUAN
MAT	153	Math for Elementary Teachers I	MATH 025	Structure Math Elem Education	4	QUAN
MAT	154	Math for Elementary Teachers II	MATH	ELECTIVE	4	QUAN
MAT	156	Intro to Statistics	STAT 071**	Statistics I	3	QUAN
MAT	161	Business Statistics	MATH	ELECTIVE	3	
MAT	165	Calculus (Business)	MATH 028	Business Calculus	3	QUAN
MAT	210	Calculus I	MATH 050	Calculus I	4	QUAN
MAT	216	Calculus II	MATH 070	Calculus II	4	QUAN
MAT	219	Calculus III	MATH 100	Calculus III	4	QUAN
MAT	226	Differential Equations with Laplace Trans	MATH	ELECTIVE	3	
MAT	710-771		Career-Tech			
**Pharmacy students will receive credit for STAT 60						
<u>MFG</u>			Career-Tech			
<u>MGT</u>						
MGT	101	Principles of Management	MGMT	ELECTIVE	3	
MGT	130	Principles of Supervision	MGMT	ELECTIVE	3	
MGT	170	Human Resource Management	MGMT	ELECTIVE	3	
MGT	220	Intro to Sport Management	MGMT	ELECTIVE	3	
MGT	221	Current Issues in Sport	MGMT	ELECTIVE	3	
<u>MKT</u>						
MKT	110	Principles of Marketing	MKTG 101	Marketing Principles	3	
MKT	140	Principles of Selling	MKTG	ELECTIVE	3	
MKT	150	Principles of Advertising	JMC 076 <sup>2</sup>	Advertising Principles	3	
MKT	160	Principles of Retailing	Career-Tech		3	
MKT	170	Retail Buying	MKTG	ELECTIVE	3	
<sup>2</sup> Advertising majors should include this course						
<u>MLT</u>			Career-Tech			
<u>MUA</u>			MUS	ELECTIVE**		
**Music Majors: These courses will be reviewed for transfer toward the major requirements depending on specific instrument and restrictions for credit as stated in the Drake General Catalog for all applied music classes.						
<u>MUS</u>						
MUS	100	Music Appreciation	MUS 080	Music in Western Culture	3	ARTS
MUS	105	Introduction to Music Theory	MUS	ELECTIVE	2	
MUS	120	Music Theory I	MUS	ELECTIVE <sup>1</sup>	3	
MUS	121	Music Theory II	MUS	ELECTIVE <sup>1</sup>	3	
MUS	130	Aural Skills I	MUS	ELECTIVE <sup>1</sup>	2	
MUS	131	Aural Skills II	MUS	ELECTIVE <sup>1</sup>	2	
MUS	132	Aural Skills III	MUS	ELECTIVE <sup>1</sup>	2	
MUS	133	Aural Skills IV	MUS	ELECTIVE <sup>1</sup>	2	
MUS	140	Concert Choir	MUS 149 <sup>2</sup>	Drake Choir	1	
MUS	144	Orchestra	MUS 150 <sup>2</sup>	Orchestra	1	

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
MUS	145	Concert Band	MUS 148 <sup>2</sup>	Band	1	
MUS	150	Chamber Ensemble	MUS	ELECTIVE <sup>2</sup>	1	
MUS	152	Voice Ensemble--NIACC Singers	MUS	ELECTIVE <sup>2</sup>	1	
MUS	163	Instrumental Jazz Ensemble	MUS	ELECTIVE <sup>2</sup>	1	
MUS	174	North Iowa Choral Society	MUS	ELECTIVE	1	
MUS	212	American Musical Heritage	MUS	ELECTIVE	3	ARTS
MUS	220	Music Theory III	MUS	ELECTIVE <sup>1</sup>	3	
MUS	221	Music Theory IV	MUS	ELECTIVE <sup>1</sup>	3	
<sup>1</sup> Note: 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.						
<sup>2</sup> Music majors: these courses will be reviewed for transfer toward the major requirements depending on specific instrument and restrictions for credit as stated in the Drake General Catalog for applied music courses.						
<b>NET</b>			Career-Tech			
<b>PEA</b>	100-287		GENERAL	ELECTIVE <sup>1</sup>		
<sup>1</sup> A maximum of 4 semester hours of physical education activity credit will be accepted in transfer.						
<b>PEC</b>						
PEC	110	Coaching Ethics, Techniques & Theory	GENERAL	ELECTIVE	1	
PEC	115	Athletic Development & Human Growth	GENERAL	ELECTIVE <sup>2</sup>	1	
PEC	122	Intro to Anatomy & Physio for Coaching	GENERAL	ELECTIVE <sup>2</sup>	1	
PEC	127	Care & Prevention of Athletic Injuries	<b>EDUC 172</b>	Care & Prevention of Athletic Inj	2	
PEC	161	Sports Officiating	GENERAL	ELECTIVE	3	
<sup>1</sup> A maximum of 4 semester hours of physical education activity credit will be accepted in transfer.						
<b>PEH</b>						
PEH	111	Personal Wellness	GENERAL	ELECTIVE	3	
PEH	140	First Aid	GENERAL	ELECTIVE	1	
PEH	144	Human Movement Science	GENERAL	ELECTIVE	3	
PEH	161	Introduction to Physical Education	GENERAL	ELECTIVE <sup>1</sup>	2	
PEH	180	Rape Education and Self Defense	GENERAL	ELECTIVE	2	
PEH	191	Sports Nutrition	GENERAL	ELECTIVE	3	
PEH	221	Intro to Leisure Services	GENERAL	ELECTIVE	3	
PEH	261	Physical Activity for Health & Fitness	GENERAL	ELECTIVE	3	
PEH	908A	Cooperative Education	Career-Tech		1-3	
<b>PET</b>						
PET	110	Introduction to Athletic Training	GENERAL	ELECTIVE	2	
PET	135	Personal Trainer	Career-Tech		3	
<b>PEV</b>	115-180		GENERAL	ELECTIVE <sup>1</sup>		
<sup>1</sup> A maximum of 4 semester hours of physical education activity credit will be accepted in transfer.						
<b>PHI</b>						
PHI	101	Introduction to Philosophy	<b>PHIL 021</b>	Introduction to Philosophy	3	CRIT
PHI	105	Introduction to Ethics	<b>PHIL 090</b>	Ethics	3	CRIT, VE
<b>PHR</b>			Career-Tech			
<b>PHS</b>						
PHS	125	Physical Science	<b>PHSC 001</b>	Physical Science	4	PHSC

NIACC Course		NIACC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
<b><u>PHY</u></b>						
PHY	106	Survey of Physics	<b>PHSC 001</b>	Physical Science	4	PHSC
PHY	162	College Physics I	<b>PHY 011</b> <sup>2</sup>	General Physics I	4	PHSC
PHY	172	College Physics II	<b>PHY 012</b> <sup>2</sup>	General Physics II	4	
PHY	212	Classical Physics I	<b>PHY 001</b> <sup>3</sup>	Intro Physics I	5	PHSC
PHY	222	Classical Physics II	<b>PHY 002</b> <sup>3</sup>	Intro Physics II	5	
PHY	720	Career Physics	Career-Tech		4	
<sup>2</sup> Pre-med students should take this physics sequence						
<sup>3</sup> Pre-engineering or physics majors should take this physics sequence						
<b><u>PNN</u></b>						
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.						
<b><u>POL</u></b>						
POL	111	American National Government	<b>POLS 001</b>	American Political System	3	
POL	112	American State and Local Government	POLS	ELECTIVE	3	
POL	121	International Relations	<b>POLS 075</b>	World Politics	3	MULT
<b><u>PSY</u></b>						
PSY	111	Introduction to Psychology	PSY	ELECTIVE	3	LIFE
PSY	121	Developmental Psychology	PSY	ELECTIVE	3	
PSY	223	Child & Adolescent Psychology	<b>PSY 042</b>	Child and Adolescent Psychology	3	
PSY	241	Abnormal Psychology	<b>PSY 076</b>	Abnormal Psychology	3	
PSY	281	Educational Psychology	PSY	ELECTIVE	3	
<b><u>PTA</u></b>						
Career-Tech						
<b><u>RDG</u></b>						
NO CREDIT						
<b><u>SDV</u></b>						
SDV	065-068		NO CREDIT			
SDV	111	Success Seminar	GENERAL	ELECTIVE	1	
SDV	113	Strategies for Academic Success	GENERAL	ELECTIVE	2	
SDV	120-135		NO CREDIT			
SDV	144	Introduction to STEM Careers	GENERAL	ELECTIVE	1	
SDV	160	Career Decision Making	GENERAL	ELECTIVE	2	
SDV	177	Listen to your Heart & Success Will Follow	NO CREDIT		1	
SDV	195	Student Senate	NO CREDIT		1	
SDV	199	College Essentials	GENERAL	ELECTIVE	1	
SDV	210A-E to 901B		NO CREDIT			
<b><u>SOC</u></b>						
SOC	110	Introduction to Sociology	<b>SCSS 001</b>	Survey of Sociology	3	
SOC	115	Social Problems	SCSS	ELECTIVE	3	
SOC	120	Marriage and Family	<b>SCSS 050</b>	Intimate Relations	3	
SOC	150	Introduction to Human Services	SCSS	ELECTIVE	3	
SOC	215	Prime for Life: Substance Abuse	SCSS	ELECTIVE	1	
SOC	881	Social Responsibility and Community Ser	SCSS	ELECTIVE	2	
<b><u>SPC</u></b>						
SPC	111	Public Speaking	<b>SCSR 073</b>	Public Speaking	2	CRIT
SPC	131	Group Discussion	SCSR	ELECTIVE	2	
<b><u>WEL</u></b>						
Career-Tech						
<b><u>WTT</u></b>						
Career-Tech						