

# **DRAKE UNIVERSITY ARTICULATION AGREEMENT**

with

## **HAWKEYE 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 Hawkeye 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 / HCC 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 HCC 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 HCC course syllabi for in-depth review for transfer.

## *Special Notation*

Some courses from HCC 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 HCC 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)

HCC courses that meet these requirements can be found beginning on page 8. 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 HCC semester hour value. The list of HCC approved courses that will fit the Drake Curriculum begins on page 8. If you plan to complete your associate degree, please work closely with your HCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the HCC 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 HCC 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.

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

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

ECN 120	Principles of Macroeconomics
ECN 130	Principles of Microeconomics
MAT 210	Calculus I*
MAT 156	Statistics
ACC 131	Principles of Accounting I
ACC 132	Principles of Accounting II
BUS 183	Business Law I
SPC 101	Fundamentals of Oral Communication

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 HCC semester hour value. If you plan to complete your associate degree, please work closely with your HCC 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.

## *School of Education (SOE) – 515-271-3726*

Courses are accepted by Drake at their HCC semester hour value. If you plan to complete your associate degree, please work closely with your HCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the HCC 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.

**EDU 216 Introduction to Teaching** is recommended for all students planning for transfer to teacher education \*\*\*Practicum experience must be completed at Drake.

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):**

**Written Communication** – ENG 105, 106, 221 (Two or more)

**Critical Thinking** – SPC 101

**Artistic Experience** – ART 101

**Historical Foundations**– HIS 151,152

**Global and Cultural Understanding** Education majors should plan to take EDU 164-Perspectives on Race, Ethnicity and Gender at Drake to meet this requirement.

**Values & Ethics** – PHI 105

**Scientific Literacy**

**Life Science** – BIO 112, CHM 165

**Physical Science** – CHM 165, PHY 212

**Quantitative Literacy**– MAT 110

**The Engaged Citizen** – POL 111

**HCC - Drake University Elementary Education Endorsements** *This partial list articulates only HCC courses that apply. Students are strongly encouraged to contact the School of Education to discuss additional requirements.*

A. Art	Design Drawing Art History	ART 120 ART 133+134 ART 204
<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		
<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 112+113, PSY 111
F. History	Western Civilization U.S. History	<i>Contact School of Education</i> HIS 151,152
G. Mathematics	Math for Elem. Education Elementary Statistics Calculus I Calculus II	MAT 117 MAT 156 MAT 210 MAT 216
H. Reading		
<i>Students are encouraged to contact the School of Education to discuss requirements.</i>		
I. Science	Biology I & II Chemistry I & II Physics I	BIO 112+113 CHM 165+175 <i>Contact School of Education</i>
J. Social Studies	Economics American History Political Science Psychology Sociology	ECN 120, 130 HIS 151 POL 111 PSY 111 SOC 110
K. Rhetoric and Communication Studies/Theater	Public Speaking Interpersonal Communication Theatre	SPC 101 SPC 122 <i>Contact School of Education</i>

**HCC - Drake University Secondary Education Endorsements**

*This partial list articulates only HCC courses that apply. Students are strongly encouraged to contact the School of Education(SOE) to discuss additional requirements.*

- A. Art
  - Drawing ART 133+134
  - Art History ART 204

*Students are encouraged to contact the School of Education to discuss additional requirements.*
- B. Business - General
  - Economics ECN 120+130 Computer Science CSC 110
  - College Algebra *Contact School of Education* Marketing *Contact SOE*
  - Accounting ACC 131 ACC 132 Management MGT 101
  - Statistics MAT 156
- C. English/Lang. Arts
 

*Students are encouraged to contact the School of Education to discuss additional requirements.*
- D. Foreign Languages. *Students should complete the beginning two-semester sequence of their intended major language of study, and one additional semester in a second foreign language.*
- E. Mathematics
  - Calculus & Analy. Geometry I, II MAT 210+216
- F. Science - Biology
  - Chemistry CHM 165+175
  - Biology BIO 112+113
  - College Algebra MAT 122
  - Statistics MAT 156
- G. Science - Chemistry
  - Chemistry CHM 165+175
- H. Earth Science
  - Calculus & Analy. Geometry I MAT 210
  - Chemistry CHM 165+175
  - Physics I *Contact School of Education*
- I. General Science
  - Chemistry CHM 165+175
  - Biology BIO 112+113
  - College Algebra MAT 122
  - Statistics MAT 156
- J. Physical Science
  - Calculus & Analy. Geometry I MAT 210
  - Chemistry CHM 165+175
  - Physics I *Contact School of Education*
- K. Physics
  - Physics I & II *Contact School of Education*
  - 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
 

*Students are encouraged to contact the School of Education to discuss requirements.*
- N. Social Science - Sociology
  - SOC 110,120,115
- O. Social Science - World History
  - Western Civilization *Contact School of Education*
  - Economics ECN 120+130
  - Political Science POL 111
  - Sociology SOC 110
- P. Rhetoric Comm. / Theater / English
  - Public Speaking SPC 101 OR 112
  - Interpersonal Communication SPC 122
  - Techniques of Acting *Contact School of Education*
  - English Composition *Contact School of Education*
  - Intensive Writing *Contact School of Education*

## *College of Pharmacy & Health Science (CPHS)*

Drake accepts courses at their HCC semester-hour value. If you plan to complete your associate degree, please work closely with your HCC 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**

HCC	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 185 Microbiology with Lab (P track)	BIO 095 Medical Microbiology
CHM 165&175 General / Inorganic Chemistry I&II	CHEM 001/003&CHEM002/004 General Chemistry I&II
NOT OFFERED @ HCC (C and P tracks)	CHEM 107/109 & 108/110 Organic Chemistry I&II
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 BUS 210 Statistics or Business Statistics	STAT 060 Statistics for the Life Sciences
MAT 210 or 166 Calculus I (C and P tracks) or Calculus for Business/Social Sci (M track)	MATH 050 Calculus I
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking

Visit [www.drake.edu/cphs](http://www.drake.edu/cphs) to 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>HCC</b>	<b>DRAKE UNIVERSITY</b>
BIO 112 General Biology I	BIO 12/12L General Biology I
BIO 163 Anatomy & Physiology I	BIO 13/13L General Biology II
BIO 185 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
<b>Not offered @ HCC - MUST TAKE ELSEWHERE</b>	CHEM 107/109 & 108/110 Organic Chemistry I&II
MAT 210 Calculus I	MATH 050 Calculus I
MAT 156 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 HCC 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 HCC A.A. degree, please work closely with your HCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the HCC 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.

**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	204	Art History II
ART	106	Art Appreciation-Studio	DRA	107	Theatrical Arts & Society
ART	120	Two-D Design	DRA	110	Introduction to Film
ART	123	Three-D Design	ITP	128	Intro to Deaf Studies
ART	133	Drawing	MUS	100	Music Appreciation
ART	203	Art History I	MUS	102	Music Fundamentals

## 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
BUS	183	Business Law
PHI	101	Introduction to Philosophy
PSY	251	Social Psychology
SPC	101	Fundamentals of Oral Communication

## 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

COM	148	Diversity & the Media
CRJ	132	Constitutional Law
WST	101	Women's Studies

## 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
CLS	130	African Cultures
CLS	141	Middle Eastern History & Culture
CLS	150	Latin American History & Culture
CLS	160	East Asian Cultures
CLS	164	Japanese History & Culture
CLS	172	Russian Civilization
EDU	223	Multicultural Education
FLF	245	French II
FLS	152	Elementary Spanish II
GEO	115	Human Geography
GEO	121	World Regional Geography
HIS	214	Russian History & Culture
HIS	257	African American History
ITP	128	Introduction to Deaf Studies
LIT	133	Minority Voices in US Literature
LIT	189	Women and Literature
POL	121	International Relations
POL	125	Comparative Government and Politics
REL	101	Survey of World Religions
REL	130	Intro to Religions of the East
SOC	200	Minority Group Relations
SOC	208	Introduction to Cultural Anthropology
WST	101	Women's Studies

## 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
CLS	130	African Cultures
CLS	141	Middle Eastern History & Culture
CLS	150	Latin American History & Culture
CLS	160	East Asian Cultures
CLS	164	Japanese History & Culture
CLS	172	Russian Civilization
HIS	117	Western Civ I: Ancient & Medieval
HIS	118	Western Civ II: Early Modern
HIS	119	Western Civ III: Modern Period
HIS	151	US History To 1877
HIS	152	US History Since 1877
HIS	155	American Civilization
HIS	201	Iowa History
HIS	214	Russian History & Culture
HIS	251	US History after 1945
HIS	257	African American History
HIS	277	History of Women in the U.S.

## 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

COM	140	Introduction to Mass Media
CSC	110	Introduction to Computers

## 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	210	Business Statistics
BUS	230	Quantitative Methods for Business Decision Making
MAT	110	Math for Liberal Arts
MAT	117	Math for Elementary Teachers
MAT	122	College Algebra
MAT	128	Precalculus
MAT	156	Statistics
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

BIO	105	Introductory Biology
BIO	112	General Biology I
BIO	163	Essentials of Anatomy & Physiology
CHM	122	Introduction to General Chemistry
ENV	115	Environmental Science
ENV	116	Environmental Science Lab
PSY	111	Introduction to Psychology

### One Physical Science

CHM	122	Introduction to General Chemistry
CHM	165	General Chemistry I
PHS	120	Exploring Physical Science
PHS	142	Principles of Astronomy
PHY	162	College Physics I
PHY	183	Applied Physics
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	180	Business Ethics
BUS	183	Business Law
CRJ	258	Ethical Issues in Criminal Justice
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

COM	155	Newspaper Production
ENG	105	Composition I
ENG	106	Composition II
ENG	221	Creative Writing

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>Alphabetical by Acronym</b>					
<b>ACCOUNTING</b>					
ACC	111	Intro to Accounting	3	ACCT ELECTIVE	
ACC	115	Intro to Accounting	4	ACCT ELECTIVE	
ACC	116	Intro to Accounting II	4	ACCT ELECTIVE	
ACC	131	Principles of Accounting I	4	ACCT 041	CRIT
ACC	132	Principles of Accounting II	4	ACCT 042	
ACC	190	Financial Analysis	2	ACCT ELECTIVE	
ACC	222	Cost Accounting	4	ACCT ELECTIVE	
ACC	231	Intermediate Accounting I	4	ACCT ELECTIVE	
ACC	232	Intermediate Accounting II	4	ACCT ELECTIVE	
ACC	250	Review for LPA Exam	3	Career-Tech	
ACC	265	Income Tax Accounting	4	ACCT ELECTIVE	
ACC	311	Computer Accounting	3	ACCT 080	
ACC	360	Accounting Spreadsheets	2	Career-Tech	
ACC	801-803	By Title		Career-Tech	
<b>ADMINISTRATIVE ASSISTANT</b>					
ADM	105-222	By Title		Career-Tech	
<b>ASSOCIATE DEGREE NURSING</b>					
ADN	121-532	By Title		*	
*The assistant or associate dean of the college or school into which the student transfers will determine whether any nursing credit may be applied toward a Drake degree.					
<b>AGRICULTURE</b>					
AGA	114-376	Agriculture-Agronomy		Career-Tech	
AGB	101-466	Agriculture-Farm Mgt-Business		Career-Tech	
AGC	103	Ag Computer	3	Career-Tech	
AGH	107-730	Agriculture-Horticulture		Career-Tech	
AGM	104-417	Agriculture-Mechanics		Career-Tech	
AGP	333-450	Agriculture-Precision Ag		Career-Tech	
AGS	113-319	Agriculture-Animal Science		Career-Tech	
AGT	220-928	Agriculture-Technology		Career-Tech	
AGV	101-154	Agriculture-Vet Tech		Career-Tech	
<b>ANTHROPOLOGY</b>					
ANT	105	Cultural Anthropology	3	SCSA 002	MULT
<b>ARCHITECTURAL</b>					
ARC	112-272	By Title		Career-Tech	
<b>ART</b>					
ART	101	Art Appreciation	3	ART 074	ARTS
ART	106	Art Appreciation-Studio	3	ART ELECTIVE	ARTS
ART	120	Two-D Design	3	ART 013	ARTS
ART	123	Three-D Design	3	ART 014	ARTS
ART	133	Drawing	3	ART 015	ARTS
ART	134	Drawing II	3	ART 016	
ART	143	Painting	3	ART 063	
ART	144	Painting II	3	ART 064	
ART	173	Ceramics	3	ART ELECTIVE	
ART	184	Photography	3	ART ELECTIVE	
ART	203	Art History I	3	ART 075	ARTS or HIST
ART	204	Art History II	3	ART 075	ARTS or HIST
ART	928	Independent Study	1	ART ELECTIVE	

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>AUTOMOTIVE TECHNOLOGY</b>					
AUT	107-941	By Title		Career-Tech	
<b>BUSINESS COMPUTER APPS</b>					
BCA	132-232	By Title		Career-Tech	
<b>BIOLOGY</b>					
BIO	105	Introductory Biology	4	BIO 001, 001L	LIFE
BIO	112	General Biology I	4	BIO 012, 012L	LIFE
BIO	113	General Biology II	4	BIO 013, 013L	
BIO	150	Fundamentals of Nutrition	2	BIO ELECTIVE	
BIO	151	Nutrition	3	BIO ELECTIVE	
BIO	154	Human Biology	3	BIO ELECTIVE	
BIO	159	Fundamentals of Anatomy& Physi	3	BIO ELECTIVE	
BIO	160	Basic Anatomy & Physiology Lab	1	BIO ELECTIVE	
BIO	163	Essentials of Anatomy & Physiolog	4	BIO 018, 018L	LIFE
BIO	168	Human Anatomy & Physiology w/ l	4	Elective(1)	
BIO	173	Human Anatomy & Physiology llw/	4	Elective(1)	
BIO	185	Microbiology w/lab	3	BIO ELECTIVE	
BIO	928	Independent Study in Bio Sciences	1	Elective	
(1) BIO 168+BIO 173= BIO 018 (3cr) & BIO 018L (1cr) & BIO Elective (4cr)					
<b>BUSINESS</b>					
BUS	102	Introduction to Business	3	BUS ELECTIVE	
BUS	180	Business Ethics	3	BUS 090	VE
BUS	183	Business Law	3	BLAW 060	CRIT or VE
BUS	210	Business Statistics	3	STAT 071	QUAN
BUS	220	Intro to International Business	3	BUS ELECTIVE	
BUS	230	Quantitative Methods for Business	3	BUS ELECTIVE	QUAN
BUS	903	Business Field Experience	3	Career-Tech	
<b>COMPUTER AIDED DRAFTING</b>					
CAD	105-117	By Title		Career-Tech	
<b>CIVIL ENGINEERING TECHNOLOGY</b>					
CET	122-285	By Title		Career-Tech	
<b>CHEMISTRY</b>					
CHM	122	Introduction to General Chemistry	4	CHEM ELECTIVE	LIFE or PHSC
CHM	132	Introduction to Organic and Bioche	4	CHEM ELECTIVE	
CHM	165	General Chemistry I	4	CHEM 001, 003	PHSC
CHM	175	General Chemistry II	4	CHEM 002, 004	
CHM	928	Independent Study	1	CHEM ELECTIVE	
<b>COMPUTER PROGRAMMING</b>					
CIS	102	Introduction to Computers	2	Career-Tech	
CIS	171	JAVA	3	CS ELECTIVE	
CIS	175	JAVA II	3	CS ELECTIVE	
CIS	206	Web Scripting	3	Career-Tech	
CIS	215	Server Side Web Programming	3	CS ELECTIVE	
CIS	217	Data Driven Web Page	3	CS ELECTIVE	
CIS	225	Adv Server Side Web Prog	3	Career-Tech	
CIS	231	PHP Programming	3	Career-Tech	
CIS	234	Web Site Administration	3	Career-Tech	
CIS	249	Web Languages	3	Career-Tech	
CIS	274	E-Commerce Design	3	CS ELECTIVE	
CIS	303	Introduction to Database	3	Career-Tech	
CIS	750	Project Management	3	Career-Tech	

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>CULTURAL STUDIES</b>					
CLS	130	African Cultures	3	HISTORY ELECTIVE	MULT or HIST
CLS	141	Middle Eastern History & Culture	3	HISTORY ELECTIVE	MULT or HIST
CLS	150	Latin American History & Culture	3	HISTORY ELECTIVE	MULT or HIST
CLS	160	East Asian Cultures	3	HISTORY ELECTIVE	MULT or HIST
CLS	164	Japanese History & Culture	3	HISTORY ELECTIVE	MULT or HIST
CLS	172	Russian Civilization	3	HISTORY ELECTIVE	MULT or HIST
<b>CONSERVATION TECHNOLOGY</b>					
CNS	106-231	By Title		Career-Tech	
<b>COMMUNICATION</b>					
COM	140	Introduction to Mass Media	3	JMC 030	INFO
COM	143	Media Messages: Printed Page	1	JMC ELECTIVE	
COM	144	Media Messages: TV & Movie	1	JMC ELECTIVE	
COM	147	Media Messages: The Worldwide	1	JMC ELECTIVE	
COM	148	Diversity & the Media	3	JMC 066	CITZ
COM	155	Newspaper Production	3	JMC 054	WRIT
COM	730	Communications	3	Career-Tech	
COM	763	Intro to Professional Writing	3	JMC ELECTIVE	
COM	781	Written Communication in the Wor	3	Career-Tech	
<b>CONSTRUCTION</b>					
CON	102-373	By Title		Career-Tech	
<b>CRIMINAL JUSTICE</b>					
CRJ	100	Intro to Criminal Justice	3	GENERAL ELECTIVE	
CRJ	110	Patrol Procedures	3	Career-Tech	
CRJ	114	Criminal Justice Computer Applica	1	Career-Tech	
CRJ	120	Intro to Corrections	3	GENERAL ELECTIVE	
CRJ	131	Criminal Law & Procedure	3	Career-Tech	
CRJ	132	Constitutional Law	3	GENERAL ELECTIVE	CITZ
CRJ	141	Criminal Investigation	3	GENERAL ELECTIVE	
CRJ	151	Defensive Tactics	2	Career-Tech	
CRJ	200	Criminology	3	GENERAL ELECTIVE	
CRJ	201	Juvenile Delinquency	3	GENERAL ELECTIVE	
CRJ	212	Community Oriented Policing	3	Career-Tech	
CRJ	216	Employment Strategies for Crimina	2	Career-Tech	
CRJ	233	Probation, Parole & Community Ba	3	Career-Tech	
CRJ	242	Applied Criminalistics	3	Career-Tech	
CRJ	244	Traffic Collision Investigation	3	Career-Tech	
CRJ	252	Basic Firearms	1	Career-Tech	
CRJ	254	Advanced Firearms	1	Career-Tech	
CRJ	258	Ethical Issues in Criminal Justice	2	GENERAL ELECTIVE	VE
CRJ	299	Current Issues in Criminal Justice	2	GENERAL ELECTIVE	
CRJ	928	Independent Study	1	GENERAL ELECTIVE	
CRJ	941	Practicum	4	Career-Tech	
CRJ	955	Field Observation	3	Career-Tech	
<b>COLLISION REPAIR &amp; REFINISH</b>					
CRR	306-881	By Title		Career-Tech	
<b>COMPUTER SCIENCE</b>					
CSC	110	Introduction to Computers	3	IS 044	INFO
<b>DENTAL ASSISTANT</b>					
DEA	103-702	By Title		Career-Tech	

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>DENTAL HYGIENE</b>					
DHY	115-308	By Title		Career-Tech	
<b>FILM AND THEATRE</b>					
DRA	107	Theatrical Arts & Society	3	THEA 076	ARTS
DRA	110	Intro to Film	3	ENG 070	ARTS
<b>DRAFTING</b>					
DRF	113	Fundamentals of Tech Drafting	3	Career-Tech	
<b>DIESEL</b>					
DSL	312-807	By Title		Career-Tech	
<b>EARLY CHILDHOOD EDUCATION</b>					
ECE	103	Intro to Early Childhood Education	3	GENERAL ELECTIVE	
ECE	120	Communications with Family	2	Elective(1)	
ECE	122	Parenting Relationships	2	Elective(1)	
ECE	125	School Age Care	2	Elective(2)	
ECE	133	Child Health, Safety & Nutrition	3	GENERAL ELECTIVE	
ECE	158	Early Childhood Curriculum I	3	GENERAL ELECTIVE	
ECE	159	Early Childhood Curriculum II	3	GENERAL ELECTIVE	
ECE	170	Child Growth & Development	4	PSY 042	
ECE	221	Infant/Toddler Care & Education	3	GENERAL ELECTIVE	
ECE	243	Early Childhood Guidance	3	EDUC ELECTIVE	
ECE	250	Advanced Curriculum Planning	3	GENERAL ELECTIVE	
ECE	260	Current Topics & Issues in Childca	2	GENERAL ELECTIVE	
ECE	274	Field Experience I	2	EDUC 104	
ECE	284	Field Experience II	2	Career-Tech	
ECE	285	Exceptional Child	2	GENERAL ELECTIVE	
ECE	290	Early Childhood Program Administ	3	GENERAL ELECTIVE	
ECE	298	Child Development Career Strateg	2	Career-Tech	
ECE	944	Field Experience Seminar I	1	GENERAL ELECTIVE	
ECE	945	Field Experience Seminar II	1	GENERAL ELECTIVE	
(1) ECE 120+ ECE 122= EDUC 154 (3cr) & EDUC Elective (1cr)					
(2) ECE 125+ ECE 145+ECE 146= EDUC 152 (3cr) & EDUC Elective (7cr)					
<b>ECONOMICS</b>					
ECN	110	Introduction to Economics	3	ECON ELECTIVE	
ECN	120	Principles of Macroeconomics	3	ECON 001	
ECN	130	Principles of Microeconomics	3	ECON 002	
<b>EDUCATION</b>					
EDU	216	Introduction to Teaching	3	EDUC ELECTIVE	
EDU	223	Multicultural Education	3	EDUC ELECTIVE	MULT
EDU	235	Children's Literature	3	EDUC 124	
EDU	240	Educational Psychology	3	EDUC 105 or 106	
EDU	255	Technology in the Classroom	3	EDUC ELECTIVE	
EDU	800	Exploring Math & Science Teachin	1	EDUC ELECTIVE	
EDU	901	Academic Service Learning Experi	1	EDUC ELECTIVE	
EDU	920	Field Experience	1	EDUC ELECTIVE	
<b>ENGINEERING</b>					
EGR	410	Principles of Engineering	3	GENERAL ELECTIVE	
EGR	450	Computer Integrated Manufacturin	3	Career-Tech	
<b>ENGINEERING TECHNOLOGY</b>					
EGT	140-470	By Title		Career-Tech	
<b>ELECTRICAL TECHNOLOGY</b>					
ELE	194	Power Generators & Transformers	2	Career-Tech	

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>ELECTRONICS</b>					
ELT	103-803	By Title		Career-Tech	
<b>ENGLISH COMPOSITION</b>					
ENG	060-061	By Title		No Credit	
ENG	105	Composition I	3	ENG 001	WRIT
ENG	106	Composition II	3	ENG ELECTIVE	WRIT
ENG	221	Creative Writing	3	ENG ELECTIVE	WRIT
<b>ENVIRONMENTAL SCIENCE</b>					
ENV	115	Environmental Science	3	ENSP 035	LIFE
ENV	116	Environmental Science Lab	1	ENSP 036	LIFE
ENV	155	Residential Energy Auditing	4	Career-Tech	
ENV	170	Photovoltaic and Hybrid Electrical	2	Career-Tech	
ENV	185	Photovoltaic Solar Systems	2	Career-Tech	
<b>NON-INTENSIVE ESL</b>					
ESL	005-089	By Title		No Credit	
<b>FINANCE</b>					
FIN	101	Principles of Banking	3	FIN ELECTIVE	
FIN	110	Money & Banking	3	FIN ELECTIVE	
FIN	121	Personal Finance	3	FIN 095	
FIN	130	Principles of Finance	3	FIN ELECTIVE	
FIN	175	Commercial & Mortgage Lending	3	FIN ELECTIVE	
FIN	190	Trust Operations & Fund Mgmt	3	FIN ELECTIVE	
<b>FOREIGN LANGUAGE-FRENCH</b>					
FLF	145	French I	5	FREN 001	
FLF	245	French II	5	FREN 002	MULT
<b>FOREIGN LANGUAGE-SPANISH</b>					
FLS	128	Conversational Spanish	3	Elective	
FLS	151	Elementary Spanish I	5	SPAN 001	
FLS	152	Elementary Spanish II	5	SPAN 002	MULT
<b>GEOGRAPHY</b>					
GEO	115	Human Geography	3	SCSG 002	MULT
GEO	121	World Regional Geography	3	SCSG 003	MULT
GEO	131	Physical Geography	3	Elective	
GEO	132	Physical Geography Lab	1	Elective	
<b>GRAPHIC COMMUNICATIONS</b>					
GRA	105-290	By Title		Career-Tech	
<b>WEB DESIGN</b>					
GRA	150	Introduction to Web Design	3	Career-Tech	
GRA	162	Web Page Graphics	3	Career-Tech	
<b>HEATING &amp; AIR CONDITIONING</b>					
HCR	113-912	By Title		Career-Tech	
<b>HISTORY</b>					
HIS	117	Western Civ I: Ancient & Medieval	3	HIST ELECTIVE	HIST
HIS	118	Western Civ II: Early Modern	3	HIST ELECTIVE	HIST
HIS	119	Western Civ III: Modern Period	3	HIST ELECTIVE	HIST
HIS	151	US History To 1877	3	HIST 075	HIST
HIS	152	US History Since 1877	3	HIST 076	HIST
HIS	155	American Civilization	3	HIST ELECTIVE	HIST
HIS	201	Iowa History	3	HIST ELECTIVE	HIST
HIS	214	Russian History & Culture	3	HIST ELECTIVE	HIST or MULT
HIS	251	US History after 1945	3	HIST 114	HIST

Subject	Number	Title	CR	Drake Equivalent	AOI
HIS	257	African American History	3	HIST ELECTIVE	HIST or MULT
HIS	277	History of Women in the U.S.	3	HIST ELECTIVE	HIST
<b>HEALTH INFORMATION TECHNOLOGY</b>					
HIT	245	Basic ICD-9-CM Coding	3	Career-Tech	
<b>HEALTH SCIENCES</b>					
HSC	113	Medical Terminology for Health Sc	2	Career-Tech	
<b>OFFICE TECHNOLOGIES</b>					
HSC	116	Beginning Medical Terminology	4	Career-Tech	
HSC	124	Advanced Medical Terminology	4	HSCI 095	
<b>HUMANITIES</b>					
HUM	130	Holocaust Perspectives: Confrontin	3	GENERAL ELECTIVE	
HUM	140	Shakespeare: Dramatist, Psycholo	3	GENERAL ELECTIVE	
<b>INDUSTRIAL TECHNOLOGY</b>					
IND	100-181	By Title		Career-Tech	
<b>INTERIOR DESIGN</b>					
INT	101-932	By Title		Career-Tech	
<b>INTERPRETING</b>					
ITP	128	Introduction to Deaf Studies	3	GENERAL ELECTIVE	MULT or ARTS
<b>LITERATURE</b>					
LIT	101	Intro to Literature	3	ENG ELECTIVE	
LIT	133	Minority Voices in US Literature	3	ENG 066	MULT
LIT	142	Major British Writers	3	ENG ELECTIVE	
LIT	189	Women and Literature	3	ENG 077	MULT
LIT	949	Special Topics in Lit	1-3	ENG ELECTIVE	
<b>MEDICAL ASSISTANT</b>					
MAP	123-511	By Title		Career-Tech	
<b>MATHEMATICS</b>					
MAT	045-063	By Title		No Credit	
MAT	102	Intermediate Algebra	4	No Credit	
MAT	110	Math for Liberal Arts	3	MATH 017	QUAN
MAT	117	Math for Elementary Teachers	3	MATH 025	QUAN
MAT	122	College Algebra	3	MATH 020	QUAN
MAT	128	Precalculus	4	MATH 020	QUAN
MAT	134	Trigonometry and Analytic Geome	3	MATH ELECTIVE	
MAT	156	Statistics	3	STAT 071**	QUAN
MAT	210	Calculus I	4	MATH 050	QUAN
MAT	216	Calculus II	4	MATH 070	QUAN
MAT	219	Calculus III	4	MATH 100	QUAN
MAT	504	Electronics Math I	4	Career-Tech	
MAT	514	Electronics Math II	4	Career-Tech	
MAT	744	Technical Math	4	Career-Tech	
MAT	764	Math for Welders	2	Career-Tech	
MAT	772	Applied Math	3	Career-Tech	
MAT	778	Applied Geometry/Trigonometry	3	Career-Tech	
**Pharmacy students will receive credit for STAT 060					
<b>MANUFACTURING</b>					
MFG	107-802	By Title		Career-Tech	
<b>MANAGEMENT</b>					
MGT	101	Principals of Management	3	MGMT ELECTIVE	
MGT	110	Small Business Management	3	MGMT ELECTIVE	
MGT	142	Problems and Issues in Supervisio	3	Career-Tech	

Subject	Number	Title	CR	Drake Equivalent	AOI
MGT	170	Human Resource Management	3	MGMT ELECTIVE	
MGT	174	Training & Employee Development	3	GENERAL ELECTIVE	
MGT	177	Staffing	3	MGMT ELECTIVE	
MGT	178	Employment Law	3	MGMT ELECTIVE	
MGT	180	Management & Labor Relations	3	MGMT ELECTIVE	
MGT	190	Employee Compensation & Benefits	3	MGMT ELECTIVE	
MGT	210	Management Decision Making	3	Career-Tech	
<b>MILITARY &amp; ROTC</b>					
MIL	103	Military Survival Skills	2	MILS ELECTIVE	
MIL	110	Leadership and Personal Development	1	MILS ELECTIVE	
MIL	115	Foundations of Tactical Leadership	1	MILS ELECTIVE	
MIL	120	Innovative Team Leadership	2	MILS ELECTIVE	
MIL	122	Leadership in Changing Environment	2	MILS ELECTIVE	
<b>MARKETING</b>					
MKT	110	Principles of Marketing	3	MKTG 101	
MKT	140	Principles of Selling	3	MKTG ELECTIVE	
MKT	142	Consumer Behavior	3	MKTG ELECTIVE	
MKT	152	Advertising and Visual Merchandising	3	MKTG ELECTIVE	
MKT	160	Principles of Retailing	3	Career-Tech	
<b>MEDICAL LAB TECH</b>					
MLT	101-291	By Title		Career-Tech	
<b>APPLIED MUSIC</b>					
MUA	106	Class Voice	1	Elective	
MUA	119	Class Piano	1	Elective	
MUA	120	Applied Piano I	1	MUS 170	
<b>MUSIC</b>					
MUS	100	Music Appreciation	3	MUS 080	ARTS
MUS	102	Music Fundamentals	3	MUS 011	ARTS
<b>COMPUTER NETWORKING</b>					
NET	109-932	By Title		Career-Tech	
<b>OCCUPATIONAL THERAPY ASSISTING</b>					
OTA	101-503	By Title		Career-Tech	
<b>PHYSICAL EDUCATION ACTIVITIES</b>					
PEA	102-287	By Title		GENERAL ELECTIVE*	
* A maximum of 4 semester hours of physical education activity credit will be accepted in transfer.					
<b>COACHING OFFICIATING</b>					
PEC	110	Coaching Ethics, Techniques and	1	GENERAL ELECTIVE	
PEC	115	Athletic Development and Human	1	GENERAL ELECTIVE	
PEC	123	Anatomy for Coaching	1	GENERAL ELECTIVE	
PEC	127	Care & Prevention of Athletic Inj	2	EDUC 172	
<b>GENERAL PHYS ED AND HEALTH</b>					
PEH	110	Personal Wellness	2	GENERAL ELECTIVE	
PEH	141	First Aid	2	GENERAL ELECTIVE	
PEH	266	Leadership Techniques for Fitness	3	GENERAL ELECTIVE	
<b>PHILOSOPHY</b>					
PHI	101	Introduction to Philosophy	3	PHIL 021	CRIT
PHI	105	Introduction to Ethics	3	PHIL 091	VE
PHI	121	Classical/Medieval Philosophy	3	PHIL ELECTIVE	
<b>PHYSICAL SCIENCE</b>					
PHS	120	Exploring Physical Science	3	PHSC ELECTIVE	PHSC
PHS	142	Principles of Astronomy	3	ASTR 001	PHSC

Subject	Number	Title	CR	Drake Equivalent	AOI
PHS	928	Independent Study	1	PHSC ELECTIVE	
<b>COMMERCIAL PHOTOGRAPHY</b>					
PHT	101	Analog Fundamentals of Photogra	6	ART ELECTIVE	
PHT	102	Photo Design I	3	ART ELECTIVE	
PHT	103	Print Presentation Techniques	3	ART ELECTIVE	
PHT	106	Introduction to Electronic Imaging	3	ART ELECTIVE	
PHT	131	Basic Color Negatives and Prints	3	ART ELECTIVE	
PHT	132	Photo Design II	3	ART ELECTIVE	
PHT	134	Theory of Photography	3	ART ELECTIVE	
PHT	135	Digital Fundamentals	3	ART ELECTIVE	
PHT	202	Basic Portraiture	3	ART ELECTIVE	
PHT	204	Basic Commercial Photography	3	ART ELECTIVE	
PHT	208	Basic Photojournalism	3	JMC ELECTIVE	
PHT	210	Visual Communication	3	ART ELECTIVE	
PHT	212	Intermediate Electronic Imaging	3	ART ELECTIVE	
PHT	232	Advanced Portraiture	6	ART ELECTIVE	
PHT	234	Advanced Commercial	6	ART ELECTIVE	
PHT	235	Techniques for Studio Promotion	3	ART ELECTIVE	
PHT	237	History of Photography	2	ART ELECTIVE	
PHT	238	Advanced Photojournalism	6	JMC ELECTIVE	
PHT	242	Advanced Visual Presentations	3	ART ELECTIVE	
PHT	244	Wedding Photography	4	ART ELECTIVE	
PHT	246	Advanced Electronic Imaging	3	ART ELECTIVE	
PHT	928	Photography Independent Study	1	ART ELECTIVE	
<b>PHYSICS</b>					
PHY	162	College Physics I	4	PHY 011	PHSC
PHY	172	College Physics II	4	PHY 012	
PHY	183	Applied Physics	3	PHY 011	PHSC
PHY	212	Classical Physics I	5	PHY 001	PHSC
PHY	222	Classical Physics II	5	PHY 002	
<b>PRACTICAL NURSING</b>					
PNN	100-543	By Title		*	
*The assistant or associate dean of college into which the student transfers, will determine whether any nursing credit may be applied toward a Drake degree.					
<b>POLITICAL SCIENCE</b>					
POL	111	American National Government	3	POLS 001	
POL	121	International Relations	3	POLS 075	MULT
POL	125	Comparative Government and Poli	3	POLS 065	MULT
<b>PSYCHOLOGY</b>					
PSY	102	Human and Work Relations	3	PSY ELECTIVE	
PSY	111	Introduction to Psychology	3	PSY ELECTIVE	LIFE
PSY	121	Developmental Psychology	3	PSY ELECTIVE	
PSY	241	Abnormal Psychology	3	PSY 076	
PSY	251	Social Psychology	3	PSY 030	CRIT
PSY	261	Human Sexuality	3	PSY 081	
PSY	262	Psychology of Gender	3	PSY 137	
<b>PHYSICAL THERAPIST ASSISTANT</b>					
PTA	101-416	By Title		Career-Tech	
<b>RESPIRATORY THERAPY</b>					
RCP	100-900	By Title		Career-Tech	

Subject	Number	Title	CR	Drake Equivalent	AOI
<b>READING</b>					
RDG	038-040	By Title		NO CREDIT	
<b>RELIGION</b>					
REL	101	Survey of World Religions	3	REL ELECTIVE	MULT
REL	130	Intro to Religions of the East	3	REL ELECTIVE	MULT
<b>STUDENT DEVELOPMENT</b>					
SDV	109	College 101	3	NO CREDIT	
SDV	116	Strategies for Online Academic Su	1	GENERAL ELECTIVE	
SDV	127	Study Strategies	1	NO CREDIT	
SDV	131	Career Exploration	2	Career-Tech	
SDV	161	Portfolio Development	2	Career-Tech	
<b>SOCIOLOGY</b>					
SOC	110	Introduction to Sociology	3	SCSS 001	
SOC	115	Social Problems	3	SCSS ELECTIVE	
SOC	120	Marriage and Family	3	SCSS 050	
SOC	135	Death and Dying	3	SCSS ELECTIVE	
SOC	160	Introduction to Social Work	3	SCSS ELECTIVE	
SOC	195	Urban Studies	3	SCSS ELECTIVE	
SOC	200	Minority Group Relations	3	SCSS ELECTIVE	MULT
SOC	205	Diversity in America	3	SCSS ELECTIVE	
SOC	208	Introduction to Cultural Anthropolo	3	SCSA 002	MULT
SOC	220	Sociology of Aging	3	SCSS ELECTIVE	
SOC	230	Juvenile Delinquency	3	SCSS ELECTIVE	
SOC	240	Intro to Criminology	3	SCSS ELECTIVE	
SOC	251	Intro to Social Psychology	3	SCSS ELECTIVE	
SOC	261	Human Sexuality	3	SCSS ELECTIVE	
SOC	820	Genography	3	SCSS ELECTIVE	
SOC	850	Immersion Field Experience	1	SCSS ELECTIVE	
SOC	928	Independent Study	1	SCSS ELECTIVE	
<b>SPEECH</b>					
SPC	101	Fundamentals of Oral Communica	3	SCSR 073	CRIT
SPC	120	Intercultural Communications	3	SCSR ELECTIVE	
SPC	122	Interpersonal Communication	3	SCSR ELECTIVE	
SPC	132	Group Communication	3	SCSR ELECTIVE	
SPC	140	Oral Interpretation	3	SCSR ELECTIVE	
<b>TRUCK DRIVING &amp; TRANSP</b>					
TDT	100-938	By Title		Career-Tech	
<b>WELDING</b>					
WEL	104-710	By Title		Career-Tech	
<b>WOMEN'S STUDIES</b>					
WST	101	Women's Studies	3	WS 001 or SCSS 075 or ENG 075	MULT or CITZ
<b>WIND ENERGY &amp; TURBINE TECH</b>					
WTT	103-144	By Title		Career-Tech	