

DRAKE UNIVERSITY ARTICULATION AGREEMENT

with

SOUTHWESTERN 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 Southwestern Community College 2009-2011 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 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

October 2011

Welcome!

Welcome to the Drake University / SWCC 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 SWCC 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 SWCC course syllabi for in-depth review for transfer.

Special Notation

Some courses from SWCC 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 SWCC 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

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)

SWCC 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

College of Arts and Sciences and School of Fine Arts

Courses are accepted by Drake at their SWCC semester hour value. The list of SWCC 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 SWCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the SWCC 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 SWCC 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 Anthropology

SOC 110 Sociology

Art (Art History, Graphic Design, Studio Art)

ART 120 2-D Design

ART 123 3-D Design

ART 133 Drawing I

ART 134 Drawing II

ART 163 Sculpture

ART 203 Art History I

ART 204 Art History II

Astronomy

CHM 166 Inorganic Chemistry I with lab

CIS 171 Structured Programming (Java)

MAT 210 Calculus I

MAT 216 Calculus II

MAT 219 Calculus III

PHY 212 Classical Physics I w/ lab

PHY 222 Classical Physics II w/ lab

Biochemistry, Cell and Molecular Biology

BIO 112 General Biology w/lab

BIO 163 Essentials of Anatomy & Physiology w/lab

CHM 166 Inorganic Chemistry I with lab

CHM 176 Inorganic Chemistry II with lab

CHM 261 Organic Chemistry I

CHM 271 Organic Chemistry II

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

PHY 162 College Physics w/lab I (not required for BA in BCMB)

PHY 172 College physics w/lab II (not required for BA in BCMB)

Biology

BIO 112 General Biology I with lab

BIO 113 General Biology II with lab

CHM 166 Inorganic Chemistry I with lab

CHM 176 Inorganic Chemistry II with lab

CHM 261 Organic Chemistry I with lab

CHM 271 Organic Chemistry II with lab

MAT 127 College Algebra and Trigonometry (for BA in Biology College Algebra and Trigonometry is highest level mathematics required)

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

PHY 162 College Physics I w/lab

PHY 172 College physics II w/lab

Chemistry

CHM 166 Inorganic Chemistry I with lab

CHM 176 Inorganic Chemistry II with lab

CHM 261 Organic Chemistry I with lab

CHM 271 Organic Chemistry II with lab

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 General Physics I is highest level physics required)

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

Computer Science

CIS 152 Data Structures (JAVA)

CIS 171 Structured Programming (JAVA)

MAT 210 Calculus I

English/English Writing

*LIT 101 Introduction to Literature

*LIT 161 Introduction to Short Story

*Courses should be chosen based on area of interest

Environmental Policy

BIO 105 Introduction to Biology w/lab

ECN 130 Economics II

POL 111 American National Government

Environmental Science

BIO 125 Botany

BIO 112 General Biology I

BIO 113 General Biology II

CHM 166 Inorganic Chemistry I with lab

CHM 176 Inorganic Chemistry II with lab

POL 111 American National Government

History

HIS 110 Western Civilization I

HIS 111 Western Civilization II

HIS 151 US History to 1877

HIS 152 US History Since 1877

International Relations

ECN 120 Economics I

ECN 130 Economics II

GEO 121 World Geography

POL 111 American National Government

*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 Economics I

ECN 130 Economics II

PHI 105 Introduction to Ethics

POL 111 American National Government

SOC 110 Sociology

Mathematics/Mathematics for Secondary Education

CIS 171 Structured Programming (JAVA)

MAT 210 Calculus I

MAT 216 Calculus II

MAT 219 Calculus III

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

MUS 120 Music Theory I

MUS 121 Music Theory II

MUS 130 Aural Skills I

MUS 131 Aural Skills II

MUS 220 Music Theory III

MUS 221 Music Theory IV

*Other courses should be chosen based interest and instrument

Philosophy

PHI 101 Introduction to Philosophy

PHI 105 Introduction to Ethics

PHY 212 Classical Physics I w/lab

PHY 222 Classical Physics II w/lab

Politics

POL 111 American National Government

Psychology

PSY 111 General Psychology

*PSY 241 Abnormal Psychology

*PSY 251 Social Psychology

*Courses should be chosen based on area of interest

Religion

*Courses should be chosen on interest area

Rhetoric and Communication Studies

SPC 101 Fundamentals of Oral Communications

Sociology

SOC 110 Sociology

*SOC 115 Social Problems

*SOC 120 Marriage and Family

*Courses should be chosen based on area of interest

Study of Culture and Society

SOC 110 Sociology

OR

ANT 105 Introduction to Anthropology

College of Business & Public Administration

Courses are accepted by Drake at their SWCC semester hour value. If you plan to complete your associate degree, please work closely with your SWCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the SWCC 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 SWCC 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 185	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.

School of Journalism & Mass Communication

Courses are accepted by Drake at their SWCC semester hour value. If you plan to complete your associate degree, please work closely with your SWCC 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

Courses are accepted by Drake at their SWCC semester hour value. If you plan to complete your associate degree, please work closely with your SWCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the SWCC 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 SWCC courses for all students planning for transfer to teacher education include the following both EDU 170 and EDU 213. 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, MUS 100

Historical Foundations– HIS 151 +152

Global and Cultural Understanding – GEO 121

Scientific Literacy

Life Science – BIO 112

Physical Science – CHM 166, PHS 113

Quantitative Literacy - MAT 127

Values and Ethics – EDU 213

The Engaged Citizen - None

Elementary Education Endorsement Requirements

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

- | | | |
|---------------------------------|--------------------------|--|
| A. Art | Drawing | ART 133+134 |
| | | <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 | LIT 140 |
| | American Literature | LIT 110 |
| | Creative Writing | ENG 221 |
| 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, PSY 111 |
| F. History | Western Civilization | HIS 110+111 |
| | U.S. History | HIS 151+152 |
| G. Mathematics | Math for Elem. Education | MAT 117 |
| | Elementary Statistics | 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 105 OR BIO 112+113 |
| | Chemistry I & II | CHM 166+176 |
| | Physical Science | PHS 125 |
| | Physics I | PHY 162 |
| J. Social Studies | Economics | ECN 120+130 |
| | American History | HIS 151 |
| | Political Science | POL 111 |
| | Psychology | PSY 111 |
| | Sociology | SOC 110 |
| K. Speech Communication/Theater | | |
| | Public Speaking | SPC 101 |

Secondary Education Endorsement Requirements

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

A. Art ART 133+134

Students are encouraged to contact the School of Education to discuss additional requirements.

B. Business - General

Economics	ECN 120+130	Accounting	ACC 131+132
Computer Science	CIS 171	Management	MGT 101
College Algebra	MAT 127	Business Law	BUS 185
Marketing	MKT 110		

C. English/Lang. Arts English Composition ENG 105 or ENG 106

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 166+167
CHM 261+271
Biology BIO 112, 125, 163
College Algebra MAT 127

G Science - Chemistry Chemistry (take all) CHM 166, 176, 261, 271

H. Earth Science Calculus & Analy. Geometry I MAT 210
Chemistry CHM 166+176
Physics I PHY 152

I. General Science Chemistry CHM 166+176
Biology BIO 112
College Algebra MAT 127

J. Physical Science Calculus & Analy. Geometry I MAT 210
Chemistry CHM 166+176
Physics I PHY 152

K. Physics Physics I & II PHY 152+PHY 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
Students are encouraged to contact the School of Education to discuss requirements.

N. Social Science - Sociology SOC 110
15 semester hours from among: SOC 115, 120

O. Social Science - World History
Western Civilization HIS 110+111
Economics ECN 120+130
Political Science POL 111
Sociology SOC 110

P. Rhetoric Comm. / Theater / English
Public Speaking SPC 101
English Composition ENG 105 or 106
Intensive Writing ENG 221

College of Pharmacy & Health Science (CPHS)

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

SWCC	DRAKE UNIVERSITY
BIO 112 General Biology I	BIO 12/12L General Biology I
BIO 130 Anatomy & Physiology I	BIO 13/13L General Biology II
BIO 186 Microbiology with Lab (P track)	BIO 095 Medical Microbiology
CHM 166&176General / Inorganic Chemistry I&II	CHEM 001/003&CHEM002/004 General ChemistryI&II
CHM 261 & 271 Organic Chemistry I & II (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	STAT 060 Statistics for the Life Sciences
MAT 210 (C and P tracks)	MATH 050 Calculus I
SPC 101 Fundamentals of Oral Communication	SCSR 073 Public Speaking

Visit 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 and 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. 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 and 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:

DMACC	DRAKE UNIVERSITY
BIO 112 General Biology I	BIO 12/12L General Biology I
BIO 130 Anatomy & Physiology I	BIO 13/13L General Biology II
BIO 186 Microbiology with Lab	BIO 095 Medical Microbiology
CHM 166&176General / Inorganic Chemistry I&II	CHEM 001/003 & CHEM 002/004 General Chemistry I&II
CHM 261 & 271 Organic Chemistry I & II	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 SWCC 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 SWCC A.A. degree, please work closely with your SWCC advisor or counselor to select courses which will also fulfill those requirements. Additional courses used to complete the SWCC 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	120 2-D Design
ART	123 3-D Design
ART	133 Drawing
MUS	100 Music Appreciation
MUS	102 Music Fundamentals
ART	203 Art History I
ART	204 Art History II

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
LIT	161 The Short Story
PHI	101 Introduction to Philosophy
PSY	251 Social Psychology
SPC	101 Fundamentals of Oral Communication
SPC	112 Public Speaking
BUS	185 Business Law I
PHI	105 Introduction to Ethics

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

ENV	154 Introduction to Renewable Energy
HIS	268 American Experience in Vietnam

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

CLS	150 Latin American History & Culture
CLS	164 Japanese History & Culture
HIS	257 African American History
ANT	105 Cultural Anthropology
FLS	142 Elementary Spanish II
GEO	121 World Regional Geography
REL	101 Survey of World Religions

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
ART	110 Contemporary Art & Issues
HIS	110 Western Civilization: Ancient to Early Modern
HIS	111 Western Civilization: Early Modern to Present
HIS	142 Middle Eastern Studies
HIS	151 US History to 1877
HIS	152 US History Since 1877
HIS	201 Iowa History
CLS	150 Latin American History & Culture
CLS	164 Japanese History & Culture
HIS	268 American Experience in Vietnam
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

CSC	110 Introduction to Computers
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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

BUS	230 Quantitative Methods for Business Decision Making
MAT	117 Mathematics for Elementary Teachers
MAT	120 College Algebra
MAT	127 College Algebra and Trigonometry
MAT	156 Statistics
MAT	210 Calculus I
MAT	216 Calculus II
MAT	219 Calculus III
MAT	225 Differential Equations

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 w/ lab
BIO	112 General Biology I w/ lab
BIO	125 Plant Biology w/ lab
BIO	130 Animal Biology w/ lab
BIO	163 Essentials of Anatomy & Physiology w/lab
ENV	115 Environmental Science
PSY	111 Introduction to Psychology
CHM	271 Organic Chemistry II (with lab)

One Physical Science

ENV	154 Introduction to Renewable Energy
CHM	271 Organic Chemistry II (with lab)
CHM	112 Intro to Chemistry (w/lab)
CHM	166 General Chemistry I (with lab)
PHS	125 Physical Science (with lab)
PHY	162 College Physics w/ lab
PHY	212 Classical Physics I w/ lab

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	105 Composition I
ENG	106 Composition II
ENG	221 Creative Writing

SWCC Course Number	SWCC Course Title	Drake Course Equivalent	Credits	Area of Inquiry (AOI)	
Alphabetical by Acronym					
ACC	111	Introduction to Accounting	ACCT ELECTIVE	3	
ACC	131*	Principles of Accounting I	ACCT 041	Intro to Financial Accounting	4 CRIT
ACC	132*	Principles of Accounting II	ACCT 042	Intro to Managerial Accounting	4
ACC	161	Payroll Accounting	ACCT ELECTIVE		3
ACC	211	Intermediate Accounting I	ACCT ELECTIVE		3
ACC	221	Cost Accounting	ACCT ELECTIVE		3
ACC	261	Income Tax Accounting	ACCT ELECTIVE		3
ACC	311	Computer Accounting	ACCT 080	Accounting Information Systems	3
ACC	928	Independent Study	ACCT ELECTIVE		1-3
ACC	949	Special Topics	ACCT ELECTIVE		1-3
ADM		Administrative Assistant	CAREER-TECH		
ADN		Associate Degree Nursing	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.		
AGA		Agriculture-Agronomy	CAREER-TECH		
AGB		Agriculture-Farm Management	CAREER-TECH		
AGC		Agriculture-Comprehensive	CAREER-TECH		
AGP		Agriculture-Precision Ag	CAREER-TECH		
AGS		Agriculture-Animal Science	CAREER-TECH		
ANT	105	Cultural Anthropology	SCSA 002	Intro Cultural Anthropology	3 MULT
ART **					
ART	101	Art Appreciation	ART 074	Introduction to Art	3 ARTS
ART	102	Art for Elementary Education	EDUC 083	Special Methods in Art	3
ART	110	Contemporary Art & Issues	ART 110	Art Since 1945	3 HIST
ART	117	Computer Graphic Design	ART 021	Digital Media	3
ART	120	2-D Design	ART 013	2-D Design	3 ARTS
ART	123	3-D Design	ART 014	3-D Design	3 ARTS
ART	124	Computer Art	ART ELECTIVE		3
ART	130	Introduction to Computer Animation	ART ELECTIVE		3
ART	133	Drawing	ART 015	Drawing I	3 ARTS
ART	134	Drawing II	ART 016	Drawing II	3
ART	143	Painting	ART 063	Painting I	3
ART	144	Painting II	ART 064	Painting II	3
ART	145	Watercolor	ART ELECTIVE		3
ART	157	Printmaking	ART 056	Intro to Printmaking	3
ART	163	Sculpture	ART 079	Sculpture I	3
ART	173	Ceramics	ART ELECTIVE		3
ART	174	Ceramics II	ART ELECTIVE		3
ART	198	Art Explorations I	ART ELECTIVE		1
ART	199	Art Exploration II	ART ELECTIVE		1
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
ART	928	Independent Study	ART ELECTIVE		1-3
ART	949	Special Topics	ART ELECTIVE		1 to 3
**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 transfer as Art electives except as noted.					
AUT		Automotive Technology	CAREER-TECH		
BCA					
All courses except those specified below are Career-Tech					
BCA	052	Fund of Computer Operations	NO CREDIT		
BCA	215	Computer Business Applications	IS ELECTIVE		3
BIO	105	Introductory Biology w/ lab	BIO 001, 001L	Biological Sciences-Non-Majors	4 LIFE
BIO	112	General Biology I w/ lab	BIO 012, 012L	Gen & Pre-Professional Bio I	4 LIFE

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
BIO	113	General Biology II w/ lab	BIO 013, 013L	Gen & Pre-Professional Bio II	4	
BIO	125	Plant Biology w/ lab	BIO 019, 019L	Introduction to Botany	4	LIFE
BIO	130	Animal Biology w/ lab	BIO 018, 018L	Intro Anatomy/Physiology	4	LIFE
BIO	146	Genetics	BIO ELECTIVE		3	
BIO	151	Nutrition	BIO ELECTIVE		3	
BIO	157	Human Biology w/Lab	BIO ELECTIVE		4	
BIO	162	Essentials of Anatomy & Phys	BIO ELECTIVE		3	
BIO	163	Essentials of Anatomy & Phys	BIO 018, 018L	Intro Anatomy/Physiology	4	LIFE
BIO	168	Human Anatomy & Physiology	ELECTIVE ¹		4	
BIO	173	Human Anatomy & Physiology	ELECTIVE ¹		4	
BIO	186	Microbiology w/ lab	BIO 103**	Microbiology	4	
BIO	190	Introductory Biotechnology	BIO ELECTIVE		4	
BIO	191	Introductory Biotechnology w/	BIO ELECTIVE		3	
BIO	198	Introduction to Pathology	BIO ELECTIVE		3	
BIO	928	Independent Study	BIO ELECTIVE		1 to 3	
BIO	949	Special Topics	BIO ELECTIVE		1 to 3	
¹ BIO 168 and 173 together are equivalent to Drake's BIO 18 and 18L						
² Pharmacy students will receive credit toward BIO 095						
BUS	102	Introduction to Business	BUS ELECTIVE		3	
BUS	110	Business Math and Calculator	CAREER-TECH		3	
BUS	121	Business Communications	BUS ELECTIVE		3	
BUS	130	Intro to Entrepreneurship	BUS ELECTIVE		3	
BUS	150	E-Commerce	BUS ELECTIVE		3	
BUS	161	Human Relations	CAREER-TECH		3	
BUS	185	Business Law I	BLAW 060	Business Law I	3	VE, CRIT
BUS	186	Business Law II	BLAW 120	Business Law II	3	
BUS	230	Quantitative Methods for Busi	BUS ELECTIVE		3	QUAN
BUS	238	Business Problem Solving	BUS ELECTIVE		3	
BUS	928	Independent Study	Varies by Topic		1 to 3	
BUS	932	Internship	CAREER-TECH		1 to 4	
BUS	949	Special Topics	Varies by Topic		1 to 3	
CAD		Computer Aided Drafting	CAREER-TECH			
CHM						
CHM	112	Intro to Chemistry (w/lab)	CHEM ELECTIVE		4	PHSC
CHM	166	General Chemistry I (with lab)	CHEM 001, 003	General Chemistry I	5	PHSC
CHM	176	General Chemistry II (with lab)	CHEM 002, 004	General Chemistry II	5	
CHM	261	Organic Chemistry I (with lab)	CHEM 097, 098	Organic Chemistry I	4	
CHM	271	Organic Chemistry II (with lab)	CHEM 108, 110	Organic Chemistry II	4	LIFE,PHSC
CHM	928	Independent Study	ELECTIVE ²		1-3	
CHM	949	Special Topics	Varies by Topic		1 to 3	
2 Non-chemistry elective only						
CIS						
CIS	121	Intro to Programming Logic	CS ELECTIVE		3	
CIS	152	Data Structures	CS 066	Intro to Computer Science II	3	
CIS	161	C++	CS ELECTIVE		3	
CIS	171	Java	CS ELECTIVE		3	
CIS	215	Server Side Web Programmin	CS ELECTIVE		3	
CIS	230	Web Infrastructure	CAREER-TECH		3	
CIS	339	Advanced Database and SQL	CS ELECTIVE		3	
CIS	604	Visual Basic	CS ELECTIVE		3	
CIS	612	Advanced Visual Basic	CS ELECTIVE		3	
CIS	650	PC Operating Systems	CS ELECTIVE		3	

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
CIS	750	Project Management	CAREER-TECH		3	
CIS	755	Management Information Sys	CAREER-TECH		3	
CIS	928	Independent Study	Varies by Topic		1 to 3	
CIS	949	Special Topics	Varies by Topic		1 to 3	
CLS	150	Latin American History & Cult	GENERAL ELECTIVE		3	HIST, MULT
CLS	164	Japanese History & Culture	GENERAL ELECTIVE		3	HIST, MULT
CLS	928	Independent Study	GENERAL ELECTIVE		1 to 3	
CLS	949	Special Topics	GENERAL ELECTIVE		1 to 3	
COM		Communication	CAREER-TECH			
CON		Construction	CAREER-TECH			
CRJ						
CRJ	100	Introduction to Criminal Justice	GENERAL ELECTIVE		3	
CRJ	130	Criminal Law	GENERAL ELECTIVE		3	
CRJ	132	Constitutional Law	GENERAL ELECTIVE		3	
CRJ	200	Introduction to Criminology	GENERAL ELECTIVE		3	
CRJ	201	Juvenile Delinquency	GENERAL ELECTIVE		3	
CRJ	928	Independent Study	Varies by Topic		1-3	
CRJ	949	Special Topics	Varies by Topic		1 to 3	
CRR		Collision Repair/Refinish	CAREER-TECH			
CSC						
CSC	110	Introduction to Computers	IS 044	Computer Tools for Business	3	INFO
CSC	928	Independent Study	Varies by Topic		1 to 3	
CSC	949	Special Topics	Varies by Topic		1 to 3	
DRF		Drafting	CAREER-TECH			
ECE						
ECE	103	Introduction to Early Childhood	ELECTIVE (1)		3	
ECE	106	Child Development Association	ELECTIVE		1	
ECE	133	Child Health, Safety & Nutrition	ELECTIVE (2)		3	
ECE	158	Early Childhood Curriculum I	ELECTIVE (1)		3	
ECE	159	Early Childhood Curriculum II	ELECTIVE (3)		3	
ECE	170	Child Growth & Development	ELECTIVE (2)		3	
ECE	221	Infant/Toddler Care & Education	ELECTIVE (1)		3	
ECE	243	Early Childhood Guidance	ELECTIVE (3)		3	
ECE	262	Early Childhood Field Experience	ELECTIVE		3	
ECE	287	Exceptional Learner	SPED 120	Intro to Special Education	3	
(1) ECE 103 and ECE 158 and ECE 221 together are equivalent to Drake's EDUC 152 (3cr) & EDUC Elective (6cr)						
(2) ECE 133 and ECE 170 together are equivalent to Drake's EDUC 105 (3cr) & EDUC Elective (3cr)						
(3) ECE 159 and ECE 243 together are equivalent to Drake's EDUC 153 (3cr) & EDUC Elective (3cr)						
ECN						
ECN	115	Personal Finance	FIN 095	Managing Individual Finances	3	
ECN	120	Principles of Macroeconomics	ECON 001	Prin. of Macroeconomics	3	
ECN	130	Principles of Microeconomics	ECON 002	Prin. of Microeconomics	3	
ECN	928	Independent Study	ECON ELECTIVE		1-3	
ECN	949	Special Topics	ECON ELECTIVE		1 to 3	
EDU						
EDU	120	Communication, Ethics and C	EDUC ELECTIVE		2	
EDU	121	Behavior Improvement	EDUC ELECTIVE		2	
EDU	122	Roles and Responsibilities	EDUC ELECTIVE		2	
EDU	165	Early Childhood: Prekindergarten	EDUC ELECTIVE		3	
EDU	170	Special Needs, Prekindergarten	SPED 120	Intro to Special Education	3	
EDU	213	Introduction to Education	EDUC ELECTIVE		3	
EDU	928	Independent Study	EDUC ELECTIVE		1 to 3	
EDU	949	Special Topics	EDUC ELECTIVE		1 to 3	

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
ELE		Electrical Technology	CAREER-TECH			
EMS		Emergency Medical Services	CAREER-TECH			
ENG						
ENG	020-043		NO CREDIT			
ENG	101	Elements of Writing	ENG ELECTIVE		3	
ENG	105	Composition I	ENG 001	Seminar in Reading & Writing	3	WRIT
ENG	106	Composition II	ENG ELECTIVE		3	WRIT
ENG	221	Creative Writing	ENG ELECTIVE		3	WRIT
ENG	928	Independent Study	ENG ELECTIVE		1 to 3	
ENG	949	Special Topics	ENG ELECTIVE		1 to 3	
ENV						
ENV	115	Environmental Science	ENSP 035	One Earth: Glob Env Science	3	LIFE
ENV	154	Introduction to Renewable En	ENSP 051	Energy and the Environment	3	CITZ, PHSC
ENV	928	Independent Study	ENSP ELECTIVE		1 to 3	
ENV	949	Special Topics	ENSP ELECTIVE		1 to 3	
ESL		Non-Intensive ESL	NO CREDIT			
FLS						
FLS	141	Elementary Spanish I	SPAN 001	Beginning Spanish I	4	
FLS	142	Elementary Spanish II	SPAN 002	Beginning Spanish II	4	MULT
FLS	928	Independent Study	Varies by Topic		1 to 3	
GEO						
GEO	121	World Regional Geography	SCSG 003	World Regional Geography	3	MULT
GEO	928	Independent Study	SCSG ELECTIVE		1 to 3	
GEO	949	Special Topics	SCSG ELECTIVE		3	
GRA						
GRA	137	Digital Design	ART ELECTIVE		3	
GRA	151	Web Design	JMC 105 or ART 114	Web Page Design	3	
GRA	158	Web Multimedia	ART ELECTIVE		3	
GRA	176	Layout Design I	ART ELECTIVE		3	
GRA	928	Independent Study	Varies by Topic		1 to 3	
GRA	949	Special Topics	Varies by Topic		1 to 3	
HIS						
HIS	110	Western Civilization: Ancient	HIST ELECTIVE		3	HIST
HIS	111	Western Civilization: Early Mo	HIST ELECTIVE		3	HIST
HIS	142	Middle Eastern Studies	HIST ELECTIVE		3	HIST
HIS	151	US History to 1877	HIST 075	U.S. History to 1877	3	HIST
HIS	152	US History Since 1877	HIST 076	U.S. History since 1877	3	HIST
HIS	201	Iowa History	HIST ELECTIVE		3	HIST
HIS	257	African American History	HIST ELECTIVE		3	HIST/MULT
HIS	268	American Experience in Vietn	HIST ELECTIVE		3	HIST/CITZ
HIS	928	Independent Study	HIST ELECTIVE		1 to 3	
HIS	949	Special Topics	HIST ELECTIVE		1 to 3	
HIT		Health Information Technolog	CAREER-TECH			
HSC		Health Sciences	CAREER-TECH			
LIT						
LIT	101	Introduction to Literature	ENG ELECTIVE		3	
LIT	105	Children's Literature	EDUC 124	Literature of Childhood & Youth	3	
LIT	110	American Literature to Mid-18	ENG ELECTIVE		3	
LIT	111	American Literature since Mid	ENG ELECTIVE		3	
LIT	140	British Literature I	ENG ELECTIVE		3	
LIT	141	British Literature II	ENG ELECTIVE		3	
LIT	161	The Short Story	ENG 030	Genres	3	CRIT
LIT	177	Dramatic Literature	ENG ELECTIVE		3	

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
LIT	178	Mythological & Biblical Literature	ENG ELECTIVE		3	
LIT	928	Independent Study	ENG ELECTIVE		1 to 3	
LIT	949	Special Topics	ENG ELECTIVE		1 to 3	
MAT						
MAT	041-083		NO CREDIT			
MAT	101	Intermediate Algebra	NO CREDIT		3	
MAT	117	Mathematics for Elementary Teachers	MATH 025	Structure Math Elem Education	3	QUAN
MAT	120	College Algebra	MATH ELECTIVE		3	QUAN
MAT	127	College Algebra and Trigonometry	MATH 020	College Algebra		QUAN
MAT	134	Trigonometry with Analytic Geometry	MATH ELECTIVE		3	
MAT	156	Statistics	STAT 071**	Statistics I	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	225	Differential Equations	MATH ELECTIVE		3	QUAN
MAT	743	Technical Mathematics	CAREER-TECH			
MAT	928	Independent Study	MATH ELECTIVE		1 to 3	
MAT	949	Special Topics	MATH ELECTIVE		1 to 3	
**Pharmacy students will receive credit for STAT 060						
MGT						
MGT	101	Principles of Management	MGMT ELECTIVE		3	
MGT	110	Small Business Management	MGMT ELECTIVE		3	
MGT	156	Project Mgmt for Business Professionals	MGMT ELECTIVE		3	
MGT	928	Independent Study	MGMT ELECTIVE		1 to 3	
MGT	949	Special Topics	Varies By Topic		1 to 3	
MKT						
MKT	110	Principles of Marketing	MKTG 101	Marketing Principles	3	
MKT	928	Independent Study	CAREER-TECH		1 to 3	
MKT	949	Special Topics	CAREER-TECH		1 to 3	
MTR		Medical Transcription	CAREER-TECH			
MUA						
MUA	101	Applied Voice	ELECTIVE ²		1	
MUA	113	Vocal Improvisation	MUS ELECTIVE		1	
MUA	115	Vocal Jazz Workshop	MUS ELECTIVE		1 to 3	
MUA	116	Applied Jazz Voice	MUS ELECTIVE		1	
MUA	120	Applied Piano I	ELECTIVE ²		1	
MUA	126	Applied Strings	ELECTIVE ²		1	
MUA	136	Jazz Keyboard I	MUS 012	Jazz Theory/Keyboard	2	
MUA	137	Jazz Keyboard II	MUS ELECTIVE		2	
MUA	138	Applied Jazz Piano	ELECTIVE ²		1	
MUA	139	Solo Jazz Performance & Literature	MUS ELECTIVE		1	
MUA	143	Applied Brass	ELECTIVE ²		1	
MUA	170	Applied Woodwinds	ELECTIVE ²		1	
MUA	180	Applied Percussion	ELECTIVE ²		1	
MUA	236	Jazz Keyboard III	MUS ELECTIVE		2	
MUA	237	Jazz Keyboard IV	MUS ELECTIVE		2	
MUA	928	Independent Study	MUS ELECTIVE		1 to 3	
MUA	949	Special Topics	MUS ELECTIVE		1 to 3	
² 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.						
MUS						
MUS	100	Music Appreciation	MUS 080	Music in Western Culture	3	ARTS

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
MUS	102	Music Fundamentals	MUS 011	Fundamentals of Music	3	ARTS
MUS	103	Music Fundamentals II	MUS ELECTIVE		3	
MUS	120	Music Theory I	ELECTIVE ¹		3	
MUS	121	Music Theory II	ELECTIVE ¹		3	
MUS	130	Aural Skills I	ELECTIVE ¹		2	
MUS	131	Aural Skills II	ELECTIVE ¹		2	
MUS	140	Concert Choir	MUS 149	Drake Choir	1	
MUS	145	Concert Band	MUS 148	Band	1	
MUS	157	Vocal Jazz Ensembles	MUS 149	Drake Choir	1	
MUS	163	Instrumental Jazz Ensemble	MUS ELECTIVE		1	
MUS	170	Jazz Band	MUS 145	Jazz Ensemble	1	
MUS	180	Arranging I	MUS ELECTIVE		2	
MUS	181	Arranging II	MUS ELECTIVE		2	
MUS	190	Jazz Improvisation	MUS ELECTIVE		1	
MUS	194	Fundamentals of Recital	MUS ELECTIVE		1	
MUS	195	Freshman Recital	MUS ELECTIVE		1	
MUS	196	Fundamentals Final Project	MUS ELECTIVE		1	
MUS	197	Final Project I	MUS ELECTIVE		1	
MUS	198	Psychology of Success	GENERAL ELECTIVE		1	
MUS	200	Music History I	MUS ELECTIVE		3	
MUS	201	Music History II	ELECTIVE ³		3	
MUS	204	History of Rock & Roll	MUS ELECTIVE		3	
MUS	220	Music Theory III	ELECTIVE ¹		3	
MUS	221	Music Theory IV	ELECTIVE ¹		3	
MUS	230	Fundamentals Skill Developm	MUS ELECTIVE		2	
MUS	260	Intro to Studio Engineering &	MUS ELECTIVE		2	
MUS	262	Recording Studio Performanc	MUS ELECTIVE		2	
MUS	280	Arranging III	MUS ELECTIVE		2	
MUS	281	Arranging IV	MUS ELECTIVE		2	
MUS	290	Fundamentals of Conducting	MUS ELECTIVE		2	
MUS	295	Sophomore Recital	MUS ELECTIVE		1	
MUS	296	Final Project II	MUS ELECTIVE		1	
MUS	928	Independent Study	MUS ELECTIVE		1-3	
MUS	949	Special Topics	MUS ELECTIVE		1-3	
1 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.						
2 Music majors: performance group and applied music 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.						
3 Note: Will substitute for MUS 112 at Drake University, but will not transfer as an upper level course. Required for all music majors, elective credit in all other colleges and schools.						
NET		Computer Networking	CAREER-TECH			
PEA	101-949	Physical Education Activities	GENERAL ELECTIVE			
NOTE: Drake will accept a maximum of 4 semester hours of physical education activities as electives.						
PEC						
PEC	101	Introduction to Coaching	GENERAL ELECTIVE		3	
PEC	108	Sports and Society	GENERAL ELECTIVE		3	
PEC	128	Care and Prevention of Athlet	EDUC 172	Care & Prev. of Athl. Injuries	3	
PEC	928	Independent Study	GENERAL ELECTIVE		1 to 3	
PEC	949	Special Topics	GENERAL ELECTIVE		1 to 3	
PEH						
PEH	101	Health	GENERAL ELECTIVE		2	

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
PEH	110	Personal Wellness	GENERAL ELECTIVE		2	
PEH	111	Personal Wellness	GENERAL ELECTIVE		3	
PEH	141	First Aid	GENERAL ELECTIVE		2	
PEH	162	Introduction to Physical Educa	GENERAL ELECTIVE		3	
PEH	255	Principles of Sports Managem	GENERAL ELECTIVE		3	
PEH	928	Independent Study	GENERAL ELECTIVE		1 to 3	
PEH	949	Special Topics	GENERAL ELECTIVE		1 to 3	
PEV	115-170	Intercollegiate Phys Educ	GENERAL ELECTIVE			
NOTE: Drake will accept a maximum of 4 semester hours of physical education activities as electives.						
PHI						
PHI	101	Introduction to Philosophy	PHIL 021	Introduction to Philosophy	3	CRIT
PHI	105	Introduction to Ethics	PHIL 090	Ethics	3	VE, CRIT
PHI	928	Independent Study	PHIL ELECTIVE		1 to 3	
PHI	949	Special Topics	PHIL ELECTIVE		1 to 3	
PHS						
PHS	125	Physical Science (with lab)	PHSC ELECTIVE		4	PHSC
PHS	928	Independent Study	PHSC ELECTIVE		1 to 3	
PHS	949	Special Topics	PHSC ELECTIVE		1 to 3	
PHY						
PHY	162	College Physics w/ lab	PHY 011 ²	General Physics I	4	PHSC
PHY	172	College Physics II w/ lab	PHY 012 ²	General Physics II	4	
PHY	212	Classical Physics I w/ lab	PHY 001	Introductory Physics I	5	PHSC
PHY	222	Classical Physics II w/ lab	PHY 002	Introductory Physics II	5	
PHY	928	Independent Study	PHY ELECTIVE		1 to 3	
PHY	949	Special Topics	PHY ELECTIVE		1 to 3	
² Pre med students should take this sequence of physics.						
PNN		Practical Nursing	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.			
POL						
POL	111	American National Governme	POLS 001	American Political System	3	
POL	112	American State & Local Gove	POLS ELECTIVE		3	
POL	928	Independent Study	POLS ELECTIVE		1 to 3	
POL	949	Special Topics	POLS ELECTIVE		1 to 3	
PSY						
PSY	111	Introduction to Psychology	PSY 001	Intro Psychology	3	LIFE
PSY	121	Developmental Psychology	PSY ELECTIVE		3	
PSY	171	Health Psychology	PSY ELECTIVE		3	
PSY	241	Abnormal Psychology	PSY 076	Abnormal Psychology	3	
PSY	251	Social Psychology	PSY 030	Social Psychology	3	CRIT
PSY	261	Human Sexuality	PSY 081	Human Sexuality	3	
PSY	281	Educational Psychology	PSY ELECTIVE		3	
PSY	928	Independent Study	PSY ELECTIVE		1-3	
PSY	949	Special Topics	PSY ELECTIVE		1 to 3	
RDG		Reading	NO CREDIT			
REL						
REL	101	Survey of World Religions	REL ELECTIVE		3	MULT
REL	928	Independent Study	REL ELECTIVE		1-3	
REL	949	Special Topics	REL ELECTIVE		1 to 3	
SDV						
SDV	108	The College Experience	GENERAL ELECTIVE		1	
SDV	110	Success Seminar	NO CREDIT		0.5	
SDV	114	Strategies for Academic Succ	GENERAL ELECTIVE		3	
SDV	153	Pre-Employment Strategies	CAREER-TECH		2	

SWCC Course Number		SWCC Course Title	Drake Course Equivalent		Credits	Area of Inquiry (AOI)
SDV	928	Independent Study	Varies By Topic		1 to 3	
SDV	949	Special Topics	Varies By Topic		1 to 3	
SOC						
SOC	110	Introduction to Sociology	SCSS 001	Survey of Sociology	3	
SOC	115	Social Problems	SCSS ELECTIVE		3	
SOC	120	Marriage & Family	SCSS 050	Intimate Relations	3	
SOC	200	Minority Group Relations	SCSS ELECTIVE		3	
SOC	928	Independent Study	SCSS ELECTIVE		1-3	
SOC	949	Special Topics	SCSS ELECTIVE		1 to 3	
SPC						
SPC	101	Fundamentals of Oral Commu	SCSR 073	Public Speaking	3	CRIT
SPC	112	Public Speaking	SCSR 073	Public Speaking	3	CRIT
SPC	122	Interpersonal Communication	SCSR ELECTIVE		3	
SPC	928	Independent Study	SCSR ELECTIVE		1-3	
SPC	949	Special Topics	SCSR ELECTIVE		1 to 3	
STR		Structural Steel	CAREER-TECH			
WEL		Welding	CAREER-TECH			