

## **Morningside College – Iowa Western Community College 2011-2012 Transfer Guide**

The transfer guide is designed to help IWCC students who wish to transfer to Morningside College identify courses that meet Morningside College's Distribution and Flag (general studies) requirements. It also identifies some of the more **common majors** students transfer into and suggests courses students may take at IWCC for the most efficient transfer to Morningside College.

### **Admission Requirements**

Transfer students must:

- 1) Complete an application for admission (online at [www.morningside.edu](http://www.morningside.edu) or a paper version).
- 2) Submit official grade transcript from high school (or evidence of GED).
- 3) Submit official grade transcripts from ALL colleges attended.

Transfer students who have earned at least 24 transferable semester hours with a 2.25 or better transfer GPA meet the academic standards for admission. Transfer students with less than 24 transferable semester hours must defer to the admission requirements for high school seniors and first-year students.

### **Transfer of Credit**

A maximum of 62 semester hours from regionally accredited two-year or community colleges may be transferred to Morningside College, of which no more than 16 semester hours of technical/vocational courses will be accepted toward a baccalaureate degree. Exception: Students enrolled in the Degree Completion Program for Registered Nurses may transfer a maximum of 78 credits to Morningside College.

A maximum of 94 semester hours may be transferred from regionally accredited four-year colleges or universities, or from a combination of regionally accredited two-year or community colleges and four-year colleges or universities.

**General Studies:** The following equivalency listing shows courses that have been approved by the Morningside College Registrar as meeting Morningside's current Distribution and Flag (general studies) requirements. There may be additional courses that meet the Distribution and Flag requirements. Students may inquire about course equivalencies by contacting Morningside College's Transfer Counselor.

**Major, Minor, Clusters and Elective Courses:** Courses submitted for transfer credit for major or minor programs or clusters must be equivalent in methods, subject matter, level of instruction, and requirements to Morningside College courses. The Registrar will determine equivalency in consultation with the Dean of the College and the chairs of the academic departments involved as necessary. Courses submitted as transfer credit for open electives are not subject to the "equivalency test." They are, however, subject to approval by the Dean of the College and the Registrar.

**Non-Traditional Credit:** Morningside College recognizes that students can gain valuable knowledge through experiences outside of the regular classroom setting. For this reason, Morningside will grant a maximum of 32 semester hours of credit toward a baccalaureate degree based on performance in the following areas: Advanced Placement through the high school, College Level Examination Program (CLEP), International Baccalaureate (IB), Academic Credit for College Equivalent Learning (ACCEL), correspondence, electronic credit, and military credit.

For more Information, contact:

**Cindy Kinney**  
**Morningside College Transfer Counselor**  
**1-800-831-0806, ext 5190**  
**Or 1-712-274-5190**  
**Or 1-712-899-7059**  
[kinney@morningside.edu](mailto:kinney@morningside.edu)

## **Academic Programs**

### **Baccalaureate degrees:**

Bachelor of Science  
Bachelor of Arts  
Bachelor of Science in Nursing  
Bachelor of Music  
Bachelor of Music Education

### **Majors:**

Advertising  
Art:  
    Graphic Design  
    Photography  
    Studio Art  
Biology  
Business Administration  
    Accounting  
    Economics  
    Finance  
    Marketing  
    Human Resource Management  
    International Business  
    Management  
Chemistry  
Computer Science  
    Computer Science  
    Applied Computer Science  
Education  
    Elementary  
    Secondary  
    Special Education  
English  
History  
    History  
    American History  
Interdisciplinary (Student-Designed)

International Affairs  
Management Information Systems  
Mass Communication  
    Media & Sales Management  
    Corporate Communication  
    New Media Communication  
Mathematics  
Medical Technology  
Music  
    Music  
    Music Education  
    Music Performance  
Nursing  
Philosophy  
Physics  
    Physics  
    Engineering Physics  
    Engineering Science  
Political Science  
Psychology  
    Biopsychology  
    Counseling  
    General  
    Industrial/Organizational  
Religious Studies  
Spanish  
Theatre

### **Minors:**

Advertising  
American History  
Biology  
Chemistry  
Citizenship  
Computer Science  
Dance  
Economics  
Electronic Media Production  
Elementary Art Education  
Engineering Mechanics  
English  
General Business  
General Psychology  
Graphic Design  
Industrial/Organizational Psychology  
Journalism  
Legal Studies

Mathematics  
Music  
Photography  
Philosophy  
Political Science  
Physics  
Religious Studies  
Secondary Art Education  
Spanish  
Spanish Teaching  
Special Education  
Sports Broadcasting  
Sports Management  
Studio Art  
Sustainability Studies  
Theatre  
United States Politics  
World Politics

### **Pre-professional programs:**

Chiropractic  
Dentistry  
Engineering  
Law

Medical Technology  
Medicine  
Ministry  
Optometry

Pharmacy  
Physical Therapy  
Physician Assistant  
Veterinary Medicine

**Courses That Meet Distribution and Flag (general studies) Requirements  
Effective September 2011**

*(Choose **one** class from each category)*

**Composition & Communication Distribution**

ENG 106      Composition II

**Quantitative Reasoning Distribution**

MAT 110      Math for Liberal Arts  
MAT 121      College Algebra  
MAT 129      Precalculus  
MAT 130      Trigonometry  
MAT 140      Finite Math  
MAT 157      Statistics  
MAT 211      Calculus I

**Empirical Reasoning Distribution**

BIO 105      Introductory Biology  
BIO 112      General Biology I  
BIO 125      Plant Biology  
BIO 157      Human Biology  
BIO 168      Human Anatomy & Physiology I  
ENV 111      Environmental Science  
CHM 122      Intro. to General Chemistry  
CHM 132      Intro. to Organic & Biochemistry  
CHM 166      General Chemistry I  
PHS 172      Physical Geology with lab  
PHY 156-157      General Physics I & lab  
PHY 210-211      Classical Physics I & lab

**Ethics & Personal Values Distribution**

PHI 101      Introduction to Philosophy  
PHI 105      Introduction to Ethics  
REL 101      Survey of World Religions \*

**Global Awareness Distribution**

FLS 141      Elementary Spanish I  
FLS 142      Elementary Spanish II  
FLS 241      Intermediate Spanish I  
GEO 121      World Regional Geography  
HIS 110      West. Civ: Ancient to Early Modern  
HIS 111      West. Civ.: Early Modern to Present  
HIS 143      Latin American History  
HIS 144      History & Cultures of Asia  
HIS 211      Modern Asian History  
HUM 136      Humanities of the Renaissance  
HUM 160      Surv. Arts: Prehistory to Renaissance \*\*  
HUM 161      Surv. Arts: Baroque to Modernism\*\*  
LIT 140      British Literature I  
LIT 141      British Literature II  
LIT 150      World Literature I  
LIT 151      World Literature II  
MKT 190      International Marketing  
REL 101      Survey of World Religions \*  
POL 121      International Relations  
SOC 198      The Middle East

**American Experience Distribution**

HIS 151      U.S. History to 1877  
HIS 152      U.S. History since 1877  
HIS 251      U.S. History 1945 to Present  
HIS 253      Am. Indian History & Culture  
HIS 257      African American History  
CLS 183      Baseball and American Culture  
CLS 184      Rock & Roll & American Culture  
HUM 122      American Film  
LIT 110      Am. Literature to Mid 1800's  
LIT 111      Am. Literature since Mid 1800's  
LIT 130      African American Literature  
LIT 134      Multicultural Literature  
POL 111      American National Government  
POL 112      American State & Local Government  
POL 201      The United States Constitution  
SOC 110      Introduction to Sociology  
SOC 200      Minority Group Relations

**Creative Experience Distribution**

ART 101      Art Appreciation  
ART 105      Launching the Imagination  
ART 133      Drawing I  
ART 143      Painting I  
ART 151      Design I  
ART 184      Photography I  
DRA 101      Introduction to Theatre  
DRA 114      Theatre History I  
DRA 130      Acting I  
DRA 157      Scenic Painting  
DRA 165      Stagecraft  
DRA 167      Drafting for the Theatre  
DRA 178      Stage Costume  
DRA 250      Directing for the Stage  
ENG 225      Creative Writing: Poetry  
ENG 230      Creative Writing: Fiction  
HUM 160      Surv. Arts: Prehistory to Renaissance \*\*  
HUM 161      Surv.Arts: Baroque to Modernism \*\*  
MUS 100      Music Appreciation  
MUS 102      Music Fundamentals  
MUS 204      History of Rock & Roll  
MUS 205      Jazz, History and Appreciation

**Religious Traditions Flag**

REL 101      Survey of World Religions \*

\* Can be used to satisfy one Distribution and one Flag

\*\* Can be used to satisfy only one Distribution

## BUSINESS ADMINISTRATION (Bachelor of Arts; Bachelor of Science)

The business administration major is built around a core curriculum through which students gain understanding of common core competencies required for success in contemporary business (accounting, marketing, finance, management, organizational behavior, human resource management, operations management, law, economics, ethics, information systems, quantitative methods, international business and business strategy/policy). Business administration majors at Morningside College can pursue either a Bachelor of Arts or a Bachelor of Science degree. Students seeking a Bachelor of Science degree will choose an emphasis area in one of the following: *accounting, economics, finance, human resource management, marketing, management, and international business.*

### Morningside College Requirements

### IWCC Equivalent Courses

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
American Experience	HIS	151	U.S. History to 1877
Global Awareness	POL	121	International Relations
Creative Expression	ART	101	Art Appreciation
Ethics and Personal Values <i>and</i> Religious Traditions	REL	101	Survey of World Religions (see notes)

### **Business and support courses**

MATH 150 Elementary Probability & Statistics	MAT	157	Statistics
<i>Or</i>	<i>Or</i>		
MATH 205 Calculus & Analytic Geometry I	MAT	211	Calculus I
ECON 200 Principles of Economics I	ECN	120	Prin. of Macroeconomics <i>and</i>
	ECN	130	Prin. of Microeconomics
ACCT 203 Intro. to Financial Accounting	ACC	121	Principles of Accounting I
ACCT 204 Managerial/Cost Accounting I	ACC	122	Principles of Accounting II
BUSN 231 Principles of Management	MGT	101	Principles of Management
BUSN 314 Business Law	BUS	185	Business Law I <i>and</i>
	BUS	186	Business Law II

### **Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Students interested in *finance* or *economics* should consider taking IWCC's MAT 211 Calculus I prior to transferring.

## BIOLOGY (Bachelor of Science; Bachelor of Arts)

Morningside College's biology major prepares the student for a broad range of career paths, from medicine to conservation biology. Morningside students receive a solid foundation for graduate and professional schools, and develop an understanding of scientific methods, practical application of concepts, and development of field and lab skills. Students majoring in biology have gone on to succeed in graduate and professional programs in the health sciences, or have entered the workforce as conservation officers, naturalists, high school science teachers, laboratory technicians, sales representatives, and science writers.

### Morningside College Requirements

### IWCC Equivalent Courses

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
American Experience	SOC	110	Introduction to Sociology
Quantitative Reasoning	MAT	121	College Algebra
Global Awareness	HIS	111	Western Civ.: Early Modern to Present
Creative Expression	ART	101	Art Appreciation
Ethics and Personal Values and Religious Traditions	REL	101	Survey of World Religions (see notes)

### Biology and support courses

BIOL	116	Principles of Biology I	BIO	112	General Biology I
BIOL	117	Principles of Biology II	BIO	113	General Biology II
BIOL	251	Genetics	BIO	147	Genetics
CHEM	121	General Chemistry I	CHM	166	General Chemistry I
CHEM	122	General Chemistry II	CHM	176	General Chemistry II
CHEM	201	Organic Chemistry I	CHM	263	Organic Chemistry I *
CHEM	202	Organic Chemistry II	CHM	273	Organic Chemistry II *
MATH	150	Elementary Probability & Statistics	MAT	157	Statistics *
<b>Or</b>			<b>Or</b>		
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I *

### Notes:

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

\* Required for BS degree.

## CHEMISTRY (Bachelor of Arts; Bachelor of Science)

Students majoring in chemistry will have career opportunities in chemical industries working with anything from paper to plastics, pharmaceuticals to fertilizers, or paints to fabrics. Less obvious careers include food science, patent law, forensic science, art restoration, health science, education, and product testing. Morningside College students develop a solid foundation in chemical theory, sound experimental techniques, and strong communication skills in scientific writing and speech. Chemistry, combined with a selection of biology courses, is a strong preparation for graduate or professional schools in health sciences.

### Morningside College Requirements

### IWCC Equivalent Courses

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
American Experience	SOC	110	Introduction to Sociology
Global Awareness	HIS	111	Western Civ.: Early Modern to Present
Creative Expression	ART	101	Art Appreciation
Ethics and Personal Values <i>and</i> Religious Traditions	REL	101	Survey of World Religions (see notes)

### Chemistry and support courses

CHEM	121	General Chemistry I	CHM	166	General Chemistry I
CHEM	122	General Chemistry II	CHM	176	General Chemistry II
CHEM	201	Organic Chemistry I	CHM	263	Organic Chemistry I
CHEM	202	Organic Chemistry II	CHM	273	Organic Chemistry II
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I
MATH	206	Calculus & Analytic Geometry II	MAT	217	Calculus II *
PHYS	201	General Physics I	PHY	156&157	General Physics I & lab
PHYS	202	General Physics II	PHY	158&159	General Physics II & lab

### Notes:

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

\* Required for a BS degree .

**BIOLOGY TEACHING (Bachelor of Arts)**  
**CHEMISTRY TEACHING (Bachelor of Arts)**  
**GENERAL SCIENCE TEACHING (Bachelor of Science)**

Students graduating from Morningside College with teaching majors in any of the sciences have abundant job opportunities in both public and private secondary education school districts. Morningside students gain valuable experience through ample student-teaching opportunities in the tri-state area. Morningside graduates have access to the Teacher Placement Bureau, which provides services for gaining employment.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG 106	Composition II
Global Awareness	HIS 111	Western Civ.: Early Modern to Present
Creative Expression	ART 101	Art Appreciation
Ethics and Personal Values and Religious Traditions	REL 101	Survey of World Religions

**Courses for chemistry teaching major**

CHEM 121	General Chemistry I	CHM 166	General Chemistry I
CHEM 122	General Chemistry II	CHM 176	General Chemistry II
CHEM 201	Organic Chemistry I	CHM 263	Organic Chemistry I
CHEM 202	Organic Chemistry II	CHM 273	Organic Chemistry II
MATH 205	Calculus & Analytic Geometry I	MAT 211	Calculus I
PHYS 201	General Physics I	PHY 156&157	General Physics I & lab
PHYS 202	General Physics II	PHY 158&159	General Physics II & lab

**Courses for biology teaching major**

BIOL 116	Principles of Biology I	BIO 112	General Biology I
BIOL 117	Principles of Biology II	BIO 113	General Biology II
BIOL 251	Genetics	BIO 147	Genetics
CHEM 121	General Chemistry I	CHM 166	General Chemistry I
CHEM 122	General Chemistry II	CHM 176	General Chemistry II
MATH 150	Elementary Probability & Statistics	MAT 157	Statistics
<b>Or</b>		<b>or</b>	
MATH 205	Calculus & Analytic Geometry I	MAT 211	Calculus I

**Courses for General Science teaching major**

BIOL 116	Principles of Biology I	BIO 112	General Biology I
BIOL 117	Principles of Biology II	BIO 113	General Biology II
CHEM 121	General Chemistry I	CHM 166	General Chemistry I
CHEM 122	General Chemistry II	CHM 176	General Chemistry II
CHEM 201	Organic Chemistry I	CHM 263	Organic Chemistry I
CHEM 202	Organic Chemistry II	CHM 273	Organic Chemistry II
PHYS 201	General Physics I	PHY 156&157	General Physics I & lab
PHYS 202	General Physics II	PHY 158&159	General Physics II & lab
MATH 150	Elem. Probability & Statistics	MAT 157	Statistics
<b>Or</b>		<b>or</b>	
MATH 205	Calculus & Analytic Geometry I	MAT 211	Calculus I

**Support courses for all teaching majors**

EDUC 101	Foundations of Education	EDU 210	Foundations of Education
PSYC 101	General Psychology	PSY 111	Introduction to Psychology
PSYC 260	Developmental Psychology	PSY 121	Developmental Psychology

**Notes:**

Morningside College students must make formal application to the Teacher Preparation Program. One of the criteria for admission to the Teacher Preparation Program is basic skills proficiency as demonstrated by passing the Praxis I exam: Pre-Professional Skills Tests (PPST). The PPST is a three-part examination in reading, writing, and math. We recommend students complete the PPST prior to transferring. **Individual scores can be no lower than 170 in Math, 170 in Reading and 170 in Writing, and combined scores must be equal to or greater than 520.**

## ELEMENTARY EDUCATION (Bachelor of Science)

Morningside College has a long history and well-established reputation for producing outstanding educators. The program is fully approved by the Iowa Department of Education. Its emphasis is on being an “effective educator” – a caring professional who enables people to develop the knowledge, skills, and disposition necessary to participate in a democratic society. The elementary education major leads to a Bachelor of Science degree and requires a concentration in an endorsement area such as Reading, Math, Science, Social Studies, Special Education, Coaching, etc. In partnership with area school districts, students spend time observing in schools, serving as teacher aides, assisting teachers in preparing materials, and preparing and implementing lesson plans. These multiple and early-on field experiences prepare students for a successful student teaching experience.

### Morningside College Requirements

### IWCC Equivalent Courses

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Empirical Reasoning	BIO	105	Introductory Biology (see notes)
Quantitative Reasoning	MAT	110	Math for Liberal Arts
Global Awareness	HIS	110	West. Civ.: Ancient to Early Modern
Creative Expression	ART	101	Art Appreciation
Ethics & Personal Values and Religious Traditions	REL	101	Survey of World Religions (see notes)

### Education and support courses

EDUC	101	Foundations of Education	EDU	210	Foundations of Education
ENGL	203	Children’s Literature	EDU	235	Children’s Literature
PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology
GEOG	205	Political & Cultural Geography	GEO	121	World Regional Geography
Physics or physical science course(s)			PHS	172	Physical Geology with lab

### Notes:

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Morningside College students must make formal application to the Teacher Preparation Program. One of the criteria for admission to the Teacher Preparation Program is basic skills proficiency as demonstrated by passing the Praxis I exam: Pre-Professional Skills Tests (PPST). The PPST is a three-part examination in reading, writing, and math. We recommend students complete the PPST prior to transferring. **Individual scores can be no lower than 170 in Math, 170 in Reading and 170 in Writing, and combined scores must be equal to or greater than 520.**

**HISTORY (Bachelor of Arts)**  
**AMERICAN HISTORY (Bachelor of Arts)**  
**AMERICAN HISTORY/WORLD HISTORY SECONDARY TEACHING (Bachelor of Arts)**  
**AMERICAN HISTORY/AMERICAN GOVERNMENT SECONDARY TEACHING (Bachelor of Arts)**

In pursuing a major in history, students will refine several key skills useful in all contexts, including researching and information gathering, evaluating evidence and sources, organizing facts and ideas, interpreting patterns, constructing explanations, and communicating clearly, persuasively, and logically. Morningside graduates have pursued careers in law, public and government service, non-governmental organizations, business as well as in secondary education.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Empirical Reasoning	BIO	105	Introductory Biology
Quantitative Reasoning	MAT	121	College Algebra
American Experience	SOC	110	Introduction to Sociology
Global Experience	POL	121	International Relations
Creative Expression	MUS	100	Music Appreciation
Ethics & Person Values <i>and</i> Religious Tradition	REL	101	Survey of World Religions (see notes)

**History courses for all history majors**

HIST	131	U.S. History to 1877	HIS	151	U.S. History to 1877
HIST	132	U.S. History since 1877	HIS	152	U.S. History since 1877

**Additional history and political science courses with equivalencies**

HIST	206	European Civilization	HIS	110	West. Civ.: Ancient to Early Modern <i>and</i> West. Civ.: Early Modern to Present'
			HIS	111	
POL	147	United States Government	POL	111	American National Government

**Support courses for all teaching majors**

EDUC	101	Foundations of Education	EDU	210	Foundations of Education
PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Morningside College students must make formal application to the Teacher Preparation Program. One of the criteria for admission to the Teacher Preparation Program is basic skills proficiency as demonstrated by passing the Praxis I exam: Pre-Professional Skills Tests (PPST). The PPST is a three-part examination in reading, writing, and math. We recommend students complete the PPST prior to transferring. **Individual scores can be no lower than 170 in Math, 170 in Reading and 170 in Writing, and combined scores must be equal to or greater than 520.**

**MATHEMATICS (Bachelor of Arts; Bachelor of Science)**

Mathematics is one of the most fundamental sciences upon which many other academic disciplines are built. Morningside College's Mathematical Sciences Department offers distinct programs in mathematics, physics, computer science and engineering. Students majoring in mathematics are in high demand in many areas including business, economics, government, education, and engineering. Job titles include actuary, operations researcher, statistician, quality control engineer, consultant, and teacher.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Global Awareness	HIS	110	West.Civ.: Ancient to Early Modern
American Experience	SOC	110	Introduction to Sociology
Creative Expression	MUS	100	Music Appreciation
Ethics & Personal Values <i>and</i> Religious Tradition Flag	REL	101	Survey of World Religions ( <i>see notes</i> )

**Math and support courses**

MATH	150	Elementary Probability & Statistics	MAT	157	Statistics
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I
MATH	206	Calculus & Analytic Geometry II	MAT	217	Calculus II
MATH	307	Multivariable Calculus & Differential Equations	MAT	220	Calculus III
PHYS	201	General Physics I	PHY	156&157	General Physics I & lab *
PHYS	202	General Physics II	PHY	158&159	General Physics II & lab *

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

\* Required for a BS degree.

**MATHEMATICS SECONDARY TEACHING (Bachelor of Arts)****PHYSICS TEACHING (Bachelor of Arts)****PHYSICAL SCIENCE TEACHING (Bachelor of Science)**

Students entering the field of secondary teaching in the areas of math, physics and physical science are in high demand, both locally and nationally. Morningside College has a well-established reputation for producing outstanding educators. The program is fully approved by the Iowa Department of Education. Its emphasis is on being an “effective educator” – a caring professional who enables people to develop the knowledge, skills, and disposition necessary to participate in a democratic society.

**Morningside College Requirements****IWCC Equivalent Courses****Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Empirical Reasoning	BIO	168	Human Anatomy & Physiology I
Global Awareness	HIS	110	West.Civ.: Ancient to Early Modern
Creative Expression	MUS	100	Music Appreciation
Ethics & Personal Values and Religious Tradition Flag	REL	101	Survey of World Religions

**Courses for math teaching major**

MATH	150	Elementary Probability & Statistics	MAT	157	Statistics
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I
MATH	206	Calculus & Analytic Geometry II	MAT	217	Calculus II
MATH	307	Multivariable Calculus & Differential Equations	MAT	220	Calculus III

**Courses for physics teaching major**

PHYS	201	General Physics I	PHY	156&157	General Physics I & lab
PHYS	202	General Physics II	PHY	158&159	General Physics II & lab
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I
MATH	206	Calculus & Analytic Geometry II	MAT	217	Calculus II

**Courses for physical sciences teaching major**

CHEM	121	General Chemistry I	CHM	166	General Chemistry I
CHEM	122	General Chemistry II	CHM	176	General Chemistry II
CHEM	201	Organic Chemistry I	CHM	263	Organic Chemistry I
CHEM	202	Organic Chemistry II	CHM	273	Organic Chemistry II
MATH	205	Calculus & Analytic Geometry I	MAT	211	Calculus I
MATH	206	Calculus & Analytic Geometry II	MAT	217	Calculus II
PHYS	201	General Physics I	PHY	156&157	General Physics I & lab
PHYS	202	General Physics II	PHY	158&159	General Physics II & lab

**Support courses for all teaching majors**

EDUC	101	Foundations of Education	EDU	210	Foundations of Education
PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Morningside College students must make formal application to the Teacher Preparation Program. One of the criteria for admission to the Teacher Preparation Program is basic skills proficiency as demonstrated by passing the Praxis I exam: Pre-Professional Skills Tests (PPST). The PPST is a three-part examination in reading, writing, and math. We recommend students complete the PPST prior to transferring. **Individual scores can be no lower than 170 in Math, 170 in Reading and 170 in Writing, and combined scores must be equal to or greater than 520.**

**MUSIC (Bachelor of Arts)**  
**MUSIC EDUCATION (Bachelor of Music Education)**  
**MUSIC PERFORMANCE (Bachelor of Music)**

Morningside College has one of the strongest Music Departments in the state of Iowa, with over a century of experience in educating musicians. The purpose of the Music Department is (1) to educate and prepare students who intend to pursue music as a career; (2) to provide opportunities for all students to develop their appreciation of music, as well as skills as performers and listeners; and (3) to contribute to the cultural enrichment of the community through concerts, recitals, festivals, and workshops. Morningside College offers three degree programs: the Bachelor of Arts in Music, the Bachelor of Music, and the Bachelor of Music Education.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Quantitative Reasoning	MAT	121	College Algebra
Global Awareness	GEO	121	World Regional Geography
American Experience	HIS	151	U.S. History to 1877
Empirical Reasoning	BIO	105	Introduction to Biology
Religious Traditions <i>and</i> Ethics & Personal Values	REL	101	Survey of World Religions (see notes)

**Music courses**

MUTC	132	Music Theory & Ear Training I	MUS	110	Music in Theory & Practice I <i>and</i> Ear Training and Sight Singing I
			MUS	125	
MUTC	133	Music Theory & Ear Training II	MUS	111	Music in Theory & Practice II <i>and</i> Ear Training and Sight Singing II
			MUS	126	
MUEN	290	College Choir	MUS	140	Concert Choir
MUEN	295	Vocal Jazz Ensemble	MUS	138	Jazz Choir
MUAL		various applied lessons	MUA		various applied lessons

**Teaching support Courses**

PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Transfer students who have begun study of music theory and ear training at another institution are required to take theory and ear training placement tests upon matriculation at Morningside. Students who pass the theory and ear training test at a level comparable to the final exams of Morningside College's MUTC 232/233 Music Theory & Ear Training III/IV may be able to transfer in these theory credits from their previous school.

## NURSING (Bachelor of Science in Nursing)

Morningside College's nursing curriculum is based on a solid foundation of courses in the humanities and social and natural sciences. IWCC students desiring to enter Morningside College's 6-semester *basic* Nursing track *may* choose to complete many of the general studies and support courses as listed below prior to transferring to Morningside College. After being admitted to Morningside College, students must apply for admission to the Department of Nursing Education and complete an interview with a faculty member.

To be admitted into the ***basic*** track, transfer students **must** have completed the following courses or equivalents: **General Psychology, General Chemistry, Human Anatomy, Human Physiology, and Composition & Communication.** Students must have earned at least a "C" in all required courses and "present" a cumulative grade point average of 2.75 or better, and be a Certified Nursing Assistant.

### Morningside College Requirements

### IWCC Equivalent Courses

#### **Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
American Experience	SOC	110	Introduction to Sociology
Creative Expression	MUS	100	Music Appreciation
Global Awareness and Religious Traditions	REL	101	Survey of World Religions (see notes)

#### **Nursing support courses**

PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology
BIOL	207	Human Anatomy	BIO	168	Human Anatomy & Physiology I (see notes)
BIOL	208	Human Physiology	BIO	173	Human Anatomy & Physiology II
BIOL	205	Health & Nutrition	BIO	151	Nutrition
BIOL	252	Microbiology	BIO	186	Microbiology
MATH	150	Elem. Probability & Statistics	MAT	157	Statistics
CHEM	110	General, Organic & Biological Chemistry	CHM	122	Intro. To General Chemistry
			Or		
			CHM	132	Intro. to Organic & Biochemistry (see notes)
			Or		
			CHM	166	General Chemistry I

#### **Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Satisfactory completion of **both** BIOL 168 & 173, Human Anatomy & Physiology I & II, are accepted as equivalent to Morningside's BIOL 207 Human Anatomy and BIOL 208 Human Physiology.

While any of the 3 chemistry courses listed above are acceptable, *CHM 132 is the recommended course.*

Morningside College also offers a **Registered Nurse Degree Completion** track that leads to a Bachelor of Science in Nursing. For more information about this individually designed program, registered nurses should contact Morningside College's Department of Nursing Education at 712-274-5156.

**POLITICAL SCIENCE (Bachelor of Arts)**  
**INTERNATIONAL AFFAIRS (Bachelor of Arts)**

The political science and international affairs majors concentrate on dimensions of the political world. The programs explore the development and structure of political institutions, the behavior of groups and individuals in political activity, and the interaction of these components with social, cultural, and economic forces. Morningside College offers courses in the primary disciplinary subfields: American Politics, Comparative Politics, International Relations, and Political Theory. Students majoring in political science will learn the components of political analysis, will become familiar with recent theoretical approaches and debates, will become effective researchers, and will become efficient managers of data and information. Above all, students will be led to apply their learning in real-world political experiences.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (see page 3 for other courses that meet general studies requirements)

Composition and Communication	ENG	106	Composition II
Empirical Reasoning	ENV	111	Environmental Science
Quantitative Reasoning	MAT	121	College Algebra
American Experience	POL	112	American State & Local Government
Global Awareness	HIS	110	West.Civ.: Ancient to Early Modern
Creative Expression	ART	101	Art Appreciation
Ethics & Personal Values <i>and</i> Religious Traditions Flag	REL	101	Survey of World Religions (see notes)

**Political science courses**

POLS	147	United States Government	POL	111	American National Government
POLS	205	Political & Cultural Geography	GEO	121	World Regional Geography
POLS	208	Intro. to International Relations	POL	121	International Relations

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.

Morningside College offers minors in political science, citizenship, United States politics, world politics, and legal studies.

**GENERAL PSYCHOLOGY (Bachelor of Arts)**  
**INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (Bachelor of Arts)**  
**BIOPSYCHOLOGY (Bachelor of Science)**  
**COUNSELING PSYCHOLOGY (Bachelor of Arts)**

The courses of study offered by the Department of Psychology are designed to prepare students for:  
a) graduate school and careers as professional psychologists (e.g., school, industrial/organization, experimental, counseling, and clinical); b) paraprofessional jobs in applied fields such as mental health, mental retardation, human resources and human services; c) an educational experience that will contribute to the understanding of self and others. As a discipline in a liberal arts curriculum, psychology is an appropriate course of study in such fields as nursing, law, social science, management, personnel/human resources, education, criminal justice, advertising, medicine, political science, or any area in which the understanding of human behavior and mental processes are beneficial.

**Morningside College Requirements**

**IWCC Equivalent Courses**

**Suggested general studies** (*see page 3 for other courses that meet general studies requirements*)

Composition & Communication	ENG	106	Composition II
Quantitative Reasoning	MAT	121	College Algebra
Empirical Reasoning	BIO	105	Introductory Biology
Global Awareness	HIS	110	West. Civ.: Ancient to Early Modern
American Experience	SOC	110	Introduction to Sociology
Creative Expressions	ART	101	Art Appreciation
Ethics & Personal Values Religious Tradition Flag	REL	101	Survey of Religion ( <i>see notes</i> )

**Psychology and support courses for all psychology majors**

PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology
MATH	150	Elem. Probability & Statistics	MAT	157	Statistics

**Additional support courses for Biopsychology major**

BIOL	207	Human Anatomy	BIO	168	Human Anatomy & Physiology I
BIOL	208	Human Physiology	BIO	173	Human Anatomy & Physiology II
BIOL	252	Microbiology	BIO	186	Microbiology
CHEM	110	General, Organic & Biological Chemistry	CHM	132	Intro. to General Organic & Biological Chemistry

**Notes:**

REL 101 Survey of World Religions meets two general studies requirements: Religious Traditions and Ethics & Personal Values.