

**Morningside College – Des Moines Area Community College  
2009-2010 Transfer Guide**

**Mission Statement**

The Morningside College experience cultivates a passion for life-long learning and a dedication to ethical leadership and civic responsibility.

**Vision Statement**

Morningside College is a student-centered participatory community, offering a liberal arts curriculum combined with a diverse array of practical experiences. The goal is the development of the whole person through an emphasis on critical thinking, effective communication, cultural understanding, practical wisdom, spiritual discernment, and ethical action. The Morningside College graduate is equipped for both personal and professional success.

**Celebration of Excellence Transfer Scholarship**

Transfer students who transfer 24 or more semester hours to Morningside College will be considered for the following scholastic awards:

**\$5000 ..... 3.50 to 4.00 transfer GPA**  
**\$3000 ..... 3.00 to 3.49 transfer GPA**

The Morningside College Registrar calculates the transfer GPA when the student is admitted to Morningside College by evaluating transcripts of hours earned at all colleges attended, excluding any hours earned at Morningside College. The scholarship is renewable as long as the student remains in good standing.

Other scholarships and grants are also available. Contact the Morningside College Transfer Counselor for more information about financial assistance.

**Admission Requirements**

Students who wish to transfer to Morningside College must complete an application for admission accompanied by a \$25 application fee (fee is waived if student applies online at [www.morningside.edu](http://www.morningside.edu) or if student makes an official campus visit) and submit official transcripts from high school (*or evidence of GED*) and ALL colleges attended.

The Registrar makes an evaluation of credits earned at other institutions. Transfer applicants who have earned 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 procedure for high school seniors and first-year students.

Morningside's selective admissions process is based on the following criteria:

- 1) Official collegiate transcripts.
- 2) Rank in high school graduating class and grade point average.
- 3) Scores on ACT or SAT admissions tests (when necessary).
- 4) Character and personal abilities.

## Transfer of Credit

A maximum of 62 semester hours from 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 accredited four-year colleges or universities, or from a combination of accredited two-year or community colleges and four-year colleges or universities.

**General Studies:** The attached 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 these 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 on the basis of 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 about transferring to Morningside College, or about Morningside policies and course equivalencies, please contact:

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

**Transfer Courses that meet Distribution and Flag (general studies) Requirements  
Effective September 2009**

(Choose one class from each category)

**Composition & Communication Distribution**

ENG 106      Composition II

**Quantitative Reasoning Distribution**

BUS 211      Business Statistics  
MAT 110      Math for Liberal Arts  
MAT 121      College Algebra  
MAT 129      Pre-Calculus  
MAT 130      Trigonometry  
MAT 141      Finite Mathematics  
MAT 157      Statistics  
MAT 211      Calculus I

**Empirical Reasoning Distribution**

BIO 104      Introductory Biology w/lab  
BIO 112      General Biology I  
BIO 113      General Biology II  
BIO 138      Field Ecology  
BIO 156      Human Biology w/lab  
BIO 164      Essentials Anatomy/Physiology  
BIO 168      Anatomy & Physiology I  
BIO 225      Marine Biology I  
CHM 105      Survey of Chemistry  
CHM 122      Introduction to Gen Chemistry  
CHM 132      Intro to Organic/Biochemistry  
CHM 165      General/Inorganic Chemistry I  
ENV 115 & 116      Environmental Science & lab  
PHS 152      Astronomy  
PHY 106      Survey of Physics  
PHY 160      General Physics I  
PHY 213      Classical Physics I

**American Experience Distribution**

HIS 150      U.S. History to 1877  
HIS 153      U.S. History since 1877  
HIS 257      African American History  
HIS 266      The Civil War  
HUM 121      America in the Movies  
LIT 110      American Lit to mid 1800's  
LIT 111      American Lit since mid 1800's  
LIT 130      African American Literature  
POL 111      American National Government  
POL 112      American State & Local Gov't  
SOC 110      Introduction to Sociology  
SOC 200      Minority Group Relations

**Ethic and Personal Values Distribution**

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

**Global Awareness Distribution**

BUS 220      Intro to Int'l Business  
FLA 141      Elementary Arabic I  
FLC 141      Elementary Chinese I  
FLF 151      Elementary French I  
FLG 141      Elementary German I  
FLI 141      Elementary Italian I  
FLJ 141      Elementary Japanese I  
FLS 151      Elementary Spanish I  
GEO 124      Reg. Geog of the Non-west World  
GEO 125      Reg. Geog of the Dev World  
GLS 235      Intro to International Studies  
GLS 220      The Middle East & Islam  
GLS 230      Latin America  
HIS 112      West Civ: Ancient to Early Modern  
HIS 113      West Civ: Early Modern to Present  
LIT 142      Major British Writers  
MUS 202      World Music \*\*  
POL 121      International Relations  
POL 125      Comparative Gov't & Politics  
REL 101      Survey of World Religions \*

**Creative Expression Distribution**

ART 101      Art Appreciation  
ART 133      Drawing  
ART 136      Life Drawing  
ART 143      Painting  
ART 148      Landscape Painting  
ART 173      Ceramics  
ART 176      Tilemaking  
ART 184      Principles of Photography  
ART 190      History of Photography  
ART 195      Design: Exploring Art Media  
DRA 101      Introduction to Theatre  
DRA 130      Acting I  
DRA 147      Creative Drama School/Rec  
ENG 221      Creative Writing  
ENG 225      Creative Writing: Poetry  
ENG 230      Creative Writing: Fiction  
ENG 235      Playwriting & Screenwriting  
MUS 100      Music Appreciation  
MUS 102      Music Fundamentals  
MUS 106      Materials of Music I  
MUS 202      World Music \*\*

**Religious Traditions Flag**

REL 101      Survey of World Religions \*

\* can be used to fulfill one distribution & one flag

\*\* can be used to fulfill 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

### DMACC 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	150	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 ( <i>see notes</i> )

### Business and support courses

MATH 150	Elementary Probability & Statistics	MAT	157	Statistics
<b>Or</b>		<b>Or</b>		
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	131	Principles of Accounting I
ACCT 204	Managerial/Cost Accounting I	ACC	132	Principles of Accounting II
ACCT 301	Intermediate Accounting I	ACC	231	Intermediate Accounting I **
ACCT 302	Intermediate Accounting II	ACC	232	Intermediate 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* at Morningside College should consider taking MAT 211 Calculus I prior to transferring.

\*\* Student s interested in accounting or finance emphasis should considering taking ACC 231 & 232 Intermediate Accounting I & II prior to transferring.

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

Morningside's biology major prepares the student for a broad range of career paths, from medicine to conservation biology. Morningside College 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

### DMACC 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	112	Western Civ.: Ancient to Early Modern
Creative Expression	ART	101	Art Appreciation
Ethics and Personal Values <i>and</i> Religious Traditions	REL	101	Survey of World Religions ( <i>see notes</i> )

### Support courses

BIOL	116	Principles of Biology I	BIO	112	General Biology I
BIOL	117	Principles of Biology II	BIO	113	General Biology II
BIO	251	Genetics	BIO	146	Genetics
CHEM	121	General Chemistry I	CHM	165	General/Inorganic Chemistry I
CHEM	122	General Chemistry II	CHM	175	General/Inorganic 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.

\* not required for Bachelor of Arts 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

### DMACC 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	113	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)

### Chemistry and support courses

CHEM	121	General Chemistry I	CHM	165	General/Inorganic Chemistry I
CHEM	122	General Chemistry II	CHM	175	General/Inorganic 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	160	General Physics I
PHYS	202	General Physics II	PHY	161	General Physics II

### Notes:

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

\* not required for Bachelor of Arts 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**

**DMACC 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 113	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 165	General/Inorganic Chemistry I
CHEM 122	General Chemistry II	CHM 175	General/Inorganic 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 160	General Physics I
PHYS 202	General Physics II	PHY 161	General Physics II

**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 146	Genetics
CHEM 121	General Chemistry I	CHM 165	General/Inorganic Chemistry I
CHEM 122	General Chemistry II	CHM 175	General/Inorganic 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 165	General/Inorganic Chemistry I
CHEM 122	General Chemistry II	CHM 175	General/Inorganic 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 160	General Physics I
PHYS 202	General Physics II	PHY 161	General Physics 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

**Support courses for all teaching majors**

EDUC 101	Foundations of Education	EDU 213	Intro. to 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

### DMACC 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	104	Introductory Biology & lab
Quantitative Reasoning	MAT	110	Math for Liberal Arts
Global Awareness	HIS	112	West. Civ.: Ancient to Early Modern
Creative Expression	ART	101	Art Appreciation
Ethics & Personal Values <i>and</i> Religious Traditions	REL	101	Survey of World Religions (see notes)

### **Education and support courses**

EDUC	101	Foundations of Education	EDU	213	Intro. to Education
ENGL	203	Children’s Literature	LIT	105	Children’s Literature
PSYC	101	General Psychology	PSY	111	Introduction to Psychology
PSYC	260	Developmental Psychology	PSY	121	Developmental Psychology
Physics or physical science course(s)			PHS	152	Astronomy

#### **Notes:**

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

Students should choose a biology-lab course to meet both Morningside’s Empirical Reasoning requirement and a teacher licensure requirement. Students who are also interested in a coaching endorsement are encouraged to take BIO 168 Human Anatomy & Physiology instead of BIO 104 Introductory Biology as BIO 168 meets Morningside’s Empirical Reasoning requirement, a licensure requirement, and a requirement for Morningside’s coaching endorsement.

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. Graduates pursue careers in law, public and government service, non-governmental organizations, business as well as in secondary education.

**Morningside College Requirements**

**DMACC 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	104	Introductory Biology
Quantitative Reasoning	MAT	110	Math for Liberal Arts
Creative Expression	ART	101	Art 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	150	U.S. History to 1877
HIST	132	U.S. History since 1877	HIS	153	U.S. History Since 1877

**Additional history and political science courses**

HIST	206	European Civilization	HIS <i>and</i> HIS	112  113	West. Civ.: Ancient to Early Modern  West. Civ.: Early Modern to Present
POLS	147	United States Government	POL	111	American National Government

**Support courses for all teaching majors**

EDUC	101	Foundations of Education	EDU	213	Intro. to 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.

Students interested in a teaching major should choose a biology-lab course to meet both Morningside's Empirical Reasoning requirement and a teacher licensure requirement. Students who are also interested in a coaching endorsement are strongly encouraged to take BIO 168 Human Anatomy & Physiology as it meets Morningside's Empirical Reasoning requirement, a licensure requirement, and a requirement for Morningside's coaching endorsement.

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

### DMACC 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 113	West. Civ.: Early Modern to Present
American Experience	SOC 110	Introduction to Sociology
Creative Expression	ART 101	Art Appreciation
Ethics & Personal Values <i>and</i> Religious Tradition Flag	REL 101	Survey of World Religions (see notes)

### **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 & Diff. Equations	MAT 219	Calculus III
PHYS 201	General Physics I	PHY 160	General Physics I *
PHYS 202	General Physics II	PHY 161	General Physics II *

### **Notes:**

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

\* not required for a Bachelor of Arts 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****DMACC 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 104	Introductory Biology w/lab
Global Awareness	HIS 113	West.Civ.: Early Modern to Present
Creative Expression	ART 101	Art 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 & Diff. Equations	MAT 219	Calculus III

**Courses for physics teaching major**

PHYS 201	General Physics I	PHY 160	General Physics I
PHYS 202	General Physics II	PHY 161	General Physics II
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 165	General/Inorganic Chemistry I
CHEM 122	General Chemistry II	CHM 175	General/Inorganic 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 160	General Physics I
PHYS 202	General Physics II	PHY 161	General Physics II

**Support courses for all teaching majors**

EDUC 101	Foundations of Education	EDU 213	Intro. to Education
PSYC 101	General Psychology	PSY 111	Introduction to Psychology
PSYC 260	Developmental Psychology	PSY 121	Developmental Psychology

**Notes:**

Students interested in a teaching major should choose a biology-lab course to meet both Morningside’s Empirical Reasoning requirement and a teacher licensure requirement. Students who are interested in a coaching endorsement are strongly encouraged to take BIO 168 Human Anatomy & Physiology as it meets Morningside’s Empirical Reasoning requirement, a licensure requirement, and a requirement for Morningside’s coaching endorsement.

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.**

## 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. 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

### DMACC 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	ART	101	Art Appreciation
Global Awareness <i>and</i> Religious Traditions	REL	101	Survey of World Religions ( <i>see notes</i> )

### 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
BIOL	208	Human Physiology	BIO	173	Human Anatomy & Physiology II
BIOL	252	Microbiology	BIO	187	Microbiology/lab
MATH	150	Elementary Probability & Statistics	MAT	157	Statistics
CHEM	110	General, Organic & Biological Chemistry	CHM	122	Intro. To General Chemistry
			<b>Or</b>		
			CHM	132	Intro to Organic/Biochemistry
			<b>Or</b>		
			CHM	165	General/Inorganic 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 1 & II, will be 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, registered nurses should contact Morningside College's Department of Nursing Education at 712-274-5156.