

AREA A - ESSENTIAL SKILLS

9 hours

ESSENTIAL SKILLS & LEARNING OUTCOMES

Demonstrate the ability to:

- Recognize & identify appropriate topics for presentation in writing
- Synthesize & logically arrange written presentations
- Adapt written communication to specific purposes and audiences
- Utilize appropriate technologies for written presentations
- Recognize & identify principles of mathematics
- Apply principles of mathematics to problems in the discipline
- Apply principles of mathematics to “real world” circumstances

Section 1

BOTH English courses are required. You **must** earn a **C** or higher in ENGL 1101 and ENGL 1102 to complete the requirement.

Semester Earned

ENGL 1101 Basic Composition I (3)

ENGL 1102 Basic Composition II (3)

Section 2

Choose **ONE** math course from the appropriate group:

Business Majors:

MATH 1111 College Algebra (3)

MATH 1113 Pre-calculus (4)

Prerequisite: Four years of high school math including algebra and trigonometry or consent of department.

Engineering Majors:

MATH 1634 Calculus I (4)

Nursing Majors:

MATH 1111 College Algebra (3)

Science, Science Education, Math, Computer Science Majors:

MATH 1113 Pre-calculus (4)

Prerequisite: Four years of high school math including algebra and trigonometry or consent of department.

All Other Majors:

MATH 1001 Quantitative Skills and Reasoning (3)

MATH 1111 College Algebra (3) *Recommended for Education Majors*

MATH 1113 Pre-calculus (4)

Prerequisite: Four years of high school math including algebra and trigonometry or consent of department.

AREA B - INSTITUTIONAL PRIORITIES

4 hours for Science Majors (includes Math)

5 hours for Non-Science Majors

ESSENTIAL SKILLS & LEARNING OUTCOMES

Demonstrate the ability to:

- Recognize & identify appropriate topics for oral presentations
- Synthesize & logically arrange oral presentations
- Adapt oral communication to specific purposes & audiences
- Utilize appropriate technologies for oral communication

Develop:

- Students better prepared for career demands in 21st Century
- Increased awareness of diverse sources of info & tradition
- Enhanced problem solving & critical thinking skills

Students may take any combination of courses as long as **ONE is from SECTION 1** and the total number of hours is at least **4 hours for science majors and 5 hours for non-science majors.**

<i>Semester Earned</i>	Section 1 ONE course <u>must</u> be chosen from the following:
_____	ART 2000 Oral Communication and the Visual Arts (3) <i>Recommended for Art Majors</i>
_____	COMM 1110 Public Speaking (3) <i>Recommended for Education and Business Majors</i>
_____	ENGL 2000 American Speech (3) *
_____	ENGL/THEA 2050 Self Staging: Oral Communication in Daily Life (3) <i>Recommended for Education and Business Majors</i>
_____	PHIL 2110 Critical Thinking (3)
_____	XIDS 1004 Oral and Technological Communication (4)*
_____	Any 3 credits of foreign language 1001, 1002 (3) <i>You must earn a C or higher at each level to continue on in the language sequence.</i>
	Section 2 ONE course <u>may</u> be chosen from the following:
_____	ANTH 1100 Faces of Culture (2)
_____	BUSA 1900 Surfing the Internet for Success (2)*
_____	CS 1000 Practical Computing (1)*
_____	CS 1020 Computers & Society (2)*
_____	LIBR 1101 Academic Research & the Library (2)
_____	MUSC 1110 Survey of World Music (2)*
_____	XIDS 2001 What Do You Really Know About (1) Topics in this course vary each semester.
_____	XIDS 2002 What Do You Really Know About (2) Topics in this course vary each semester.

***Please note that not all courses in Area B are taught each semester.**

AREA C – HUMANITIES AND FINE ARTS

6 hours

ESSENTIAL SKILLS & LEARNING OUTCOMES

- Develop the ability to recognize & identify achievements in literary, fine & performing arts
- Have an appreciation of the nature & achievements of the arts & humanities
- Develop the ability to apply, understand, and appreciate the application of aesthetics criteria to “real world” circumstances

Section 1

Choose **ONE** of the following:

Semester Earned

- _____ XIDS 2100 Arts and Ideas: Special Topics (3)* Topics in the is course vary each semester
- _____ ART 1201 Introduction to Art (3)
- _____ ART 2201 History of Western Art I (3)
- _____ ART 2202 History of Western Art II (3)
- _____ MUSC 1100 Music Appreciation (3)
- _____ MUSC 1120 Survey of Jazz, Rock, and Popular Music (3)
- _____ THEA 1100 Theatre Appreciation (3)

Section 2

Choose **ONE** of the following:

- _____ XIDS 2100 Arts & Ideas: Special Topics (3)* Topics in the is course vary each semester
 - _____ COMM 1154 Introduction to Mass Communication (3)
 - _____ ENGL 2110 World Literature (3)*
 - _____ ENGL 2120 British Literature (3)*
 - _____ ENGL 2130 American Literature (3)*
 - _____ ENGL 2160 Philosophy and Literature (3)*
 - _____ ENGL 2180 Studies in African-American Literature (3)*
 - _____ ENGL 2190 Studies in Literature by Women (3)*
 - _____ FORL 2200 Survey of National Literatures (3)
 - _____ FORL 2300 Topics in National Literatures (3)
 - _____ PHIL 2100 Introduction to Philosophy (3)
 - _____ PHIL 2120 Introduction to Ethics (3)
 - _____ Any 3 credits of foreign language 1001, 1002, 2001, 2002
- You must earn a C or higher at each level to continue on in the language sequence.*

***Before you register for these classes, you must successfully complete ENGL 1101 AND ENGL 1102.**

XIDS 2100 is listed in both categories, but it may be counted only once.

AREA D – MATHEMATICS, SCIENCE & QUANTITATIVE TECHNOLOGY

10-11 hours

ESSENTIAL SKILLS & LEARNING OUTCOMES

- Demonstrate an understanding of basic scientific concepts in a discipline or across disciplines
- Demonstrate an appreciation of the role of science & technology in everyday life
- Apply the scientific method in appropriate projects
- Demonstrate logical thinking & analytical reasoning in problem solving
- Collect & analyze data and formulate appropriate conclusions from data analysis
- Communicate scientific ideas

OPTION I - NON-SCIENCE MAJORS

Section 1

Semester Earned Choose **TWO** from the following science courses, *at least one of which must be a course with a lab:*

_____	ASTR 2313 Astronomy (3+1)*	_____	GEOG 1111 Introduction to Physical Geography (3)
_____	BIOL 1010 Fundamentals of Biology (3+1) Designed for non-science majors	_____	GEOG 1112 Weather and Climate (3 + 1) *
_____	BIOL 1011 Biology of Human Reproduction (3)	_____	GEOG 1113 Landform Geography (3 + 1) *
_____	BIOL 1012 Ecology & Environmental Biology (3)	_____	GEOL 1121 Introductory Geosciences I: Physical Geology (3+1) *
_____	BIOL 1013 Biology of AIDS & Infectious Disease (3)	_____	GEOL 1122 Introductory Geosciences II: Historical Geology (3+1) *
_____	BIOL 1014 Nutrition (3)	_____	GEOL 1123 Environmental Observations (3+1)*
_____	BIOL 1015 Unseen World of Microorganisms (3)	_____	GEOL 2503 Introduction to Oceanography (3) Designed for non-science majors
_____	BIOL 1107 Principles of Biology I (3+1) Not recommended for non-science majors	_____	GEOL 2553 Geology of National Parks (3) Designed for non-science majors
_____	BIOL 1108 Principles of Biology II (3+1) Not recommended for non-science majors	_____	PHYS 1111 Introductory Physics I (3+1) Prerequisite: MATH 1113 or higher
_____	CHEM 1100 Introductory Chemistry (3) Designed for non-science majors	_____	PHYS 1112 Introductory Physics II (3+1)
_____	CHEM 1151K Survey of Chemistry I (4)	_____	PHYS 2211 Principles of Physics I (3+1) Prerequisite: MATH 1634
_____	CHEM 1152K Survey of Chemistry II (4)	_____	PHYS 2212 Principles of Physics II (3+1)
_____	CHEM 1211K Principles of Chemistry I (4) Pre-or Co-requisite: MATH 1113	_____	XIDS 2201 Science Foundations (4)
_____	CHEM 1212K Principles of Chemistry II (4)	_____	XIDS 2202 Environmental Studies (3)
_____	CHEM 1230K Accelerated General Chemistry (4) Co-requisite: MATH 1113		

Section 2

Choose **ONE** from **BELOW OR ABOVE** as long as no more than two of three courses in Area D are from the same discipline. ***Note:** With some exceptions (Biology & Physics), a course listed as 3+1 can be taken without the lab component and used as a non-lab option.

Semester Earned

_____	CS 1030 Introduction to Computer Concepts (3)	_____	MATH 1413 Survey of Calculus (3) <i>Recommended for Business Majors</i> Pre: MATH 1111 or 1113 w/ grade of C or higher
_____	CS 1300 Introduction to Computer Science (3)	_____	MATH 1634 Calculus I (4) Pre: MATH 1113 w/ grade of C or higher
_____	CS 1301 Computer Science I (3) Prerequisite: MATH 1111 or 1113	_____	MATH 2063 Introductory Statistics (3) Pre: MATH 1001 or 1111 w/ grade of C or higher
_____	CS 1302 Computer Science II (4)	_____	MATH 2644 Calculus II (4) Pre: MATH 1634 w/ grade of C or higher
_____	CS 2000 Applied Computing for the Sciences (3) Pre: MATH 1113 or Depart. Consent w/ grade of C or higher		
_____	MATH 1111 College Algebra (3)		

AREA D – MATHEMATICS, SCIENCE & QUANTITATIVE TECHNOLOGY (cont.)
11 – 12 hours

OPTION II - SCIENCE MAJORS*

Section 1

Choose any **TWO** lab science courses (in sequence) from the list below. **Be sure to consult the Undergraduate Catalog for your degree program requirements and course prerequisites.**

Semester Earned

- _____ BIOL 1107 Principles of Biology I (3+1)
- _____ BIOL 1108 Principles of Biology II (3+1)
- _____ CHEM 1211 Principles of Chemistry I (4)
- _____ CHEM 1212 Principles of Chemistry II (4)
- _____ CHEM 1230K Accelerated Principles of Chemistry (4) – *not an option for Computer Science Majors*
- _____ GEOG 1112 Weather and Climate (3 + 1) – *not an option for Computer Science Majors*
- _____ GEOG 1113 Landform Geography (3 + 1) – *not an option for Computer Science Majors*
- _____ GEOL 1121 Introductory Geosciences I: Physical Geology (3 + 1) – *not an option for Computer Science Majors*
- _____ GEOL 1122 Introductory Geosciences II: Historical Geology (3 + 1) – *not an option for Computer Science Majors*
- _____ PHYS 1111 Introductory Physics I (4) – *not an option for Computer Science Majors*
- _____ PHYS 1112 Introductory Physics II (4) – *not an option for Computer Science Majors*
- _____ PHYS 2211 Principles of Physics I (3+1)
- _____ PHYS 2212 Principles of Physics II (3+1)

Section 2

Choose **ONE** from the list below. **Be sure to consult the Undergraduate Catalog for your degree program requirements and course prerequisites.**

- _____ MATH 1634 Calculus I (4) – *Recommended for Math, Computer Science, and most Science Majors*
- _____ MATH 2063 Applied Statistics (3)
- _____ MATH 2644 Calculus II (4) – *Recommended for Engineering Majors*
- _____ CS 2000 Applied Computing for the Sciences (3)

OPTION III - NURSING MAJORS

Section 1

Semester Earned Choose any **TWO** lab science courses (in sequence) from the list below.

- | | |
|--|---|
| _____ BIOL 1107 Principles of Biology I (3 + 1) | _____ CHEM 1211K (4) |
| _____ BIOL 1108 Principles of Biology II (3 + 1) | _____ CHEM 1212K (4) |
| _____ CHEM 1151 Survey of Chemistry I (4) | _____ PHYS 1111 Introductory Physics I (3 + 1) |
| _____ CHEM 1152 Survey of Chemistry II (4) | _____ PHYS 1112 Introductory Physics II (3 + 1) |

Section 2

- _____ MATH 2063 Applied Statistics (3)

***Mathematics is a science major.**

AREA E – SOCIAL SCIENCES

12 hours

ESSENTIAL SKILLS & LEARNING OUTCOMES

- Demonstrate an understanding of the history & government of the State & Nation
- Demonstrate an appreciation for global and multicultural perspectives on societies & civilizations
- Understand & appreciate the application of the perspectives & methods of the human sciences to “real world” circumstances
- Recognize & identify achievements in the human sciences

Semester Earned

Section 1

Choose **ONE** of the following:

_____ HIST 1111 Survey of World History/Civilization I (3)

_____ HIST 1112 Survey of World History/Civilization II (3)

Section 2

Choose **ONE** of the following:

_____ HIST 2111 United States History I (to 1865) (3)

_____ HIST 2112 United States History II (since 1865) (3)

Section 3

_____ POLS 1101 American Government (3) –*Required for everyone*

Section 4

Choose **ONE** of the following social science electives:

_____ ANTH 1102 Introduction to Anthropology (3)

_____ ECON 2100 Economics for Everyone (3)

_____ ECON 2105 Principles of Macroeconomics (3)

Prerequisite: 2.0 GPA

_____ ECON 2106 Principles of Microeconomics (3)

Prerequisite: 2.0 GPA

_____ GEOG 1013 World Geography (3)

Recommended for Early Childhood and Middle Grades Education Majors

_____ GEOG 2503 Cultural Geography (3)

_____ POLS 2201 State and Local Government (3)

_____ PSYC 1101 Introduction to General Psychology (3)

_____ SOCI 1101 Introduction to Sociology (3)

_____ SOCI 1160 Introduction to Social Problems (3)

_____ XIDS 2300 Interdisciplinary Studies in the Social Sciences (3)

_____ XIDS 2301 Introduction to Global Studies (3)

AREA F

Courses Applicable to Major

(18 hours)

Additional University Academic Information

Physical Education Requirements by College

The College of Arts and Sciences has no physical education requirement.

The College of Business requires three hours of physical education.

The College of Education requires three hours of physical education that must include one 2-hour Health and Wellness course and one 1-hour activity course.

All students must satisfy the physical education requirements of the college from which they graduate.

Writing Across the Curriculum (for Arts and Sciences Majors only)

Students are required to take at least two 3000/4000 level W courses (courses approved as Writing Intensive courses and marked in the semester bulletin with a “W”) for a total of six hours. At least three hours must be in the Major.

ENGL 1101 and 1102 (or the equivalent of) are prerequisites to all “W” courses.

Majors

Some Majors may have specific core course requirements. Be sure to check the course requirements for your Major as well as seek advisement from a faculty member in that department prior to registering for classes.

Minors

Minors are offered in the following fields: Accounting, Africana Studies, American Studies, Anthropology, Art, Art History, Biology, Business Administration, Creative Writing, Management Information Systems, Chemistry, Computer Science, Criminology, Economics, English, Environmental Studies, Film, Finance, French, Geography, Geographic Information Systems, Geology, German, Global Studies, History, Latin American Studies, Literature, Management, Marketing, Mass Communication, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Real Estate, Religion, Sociology, Spanish, Technology Support Systems, Theatre, and Women’s Studies.

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