ASSOCIATE OF SCIENCE
Field of Study in Biology

Math & Science Division Degree Plan

2013-2014

STUDENT NAME

ADDRESS

TELEPHONE (DAY)

STUDENT'S SIGNATURE

DATE

FACULTY/ADVISOR'S SIGNATURE

DATE

PLACEMENT TESTING:

Alternative Exam:  Read  Writing  Math

*TSI COMPLETE/EXEMPT/WAIVED

DATE:

SAT

*Texas Success Initiative Rules

DEVELOPMENTAL COURSES (enter grade)

Reading:  None  READ 70  READ 80  READ 90  Non Course Remediation

Writing:  None  ENGL 71  ENGL 81  ENGL 91  Non Course Remediation

Math:  None  MATH 80  MATH 85  MATH 90  Non Course Remediation

Major Courses

<table>
<thead>
<tr>
<th>SCH</th>
<th>COLLEGE</th>
<th>SEM/YR</th>
<th>GRADE</th>
<th>COMMENTS</th>
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</thead>
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**FIRST YEAR - FALL SEMESTER**

<table>
<thead>
<tr>
<th>ENGL 1301 Composition</th>
<th>MATH 1414 College Algebra or MATH 2412 or MATH 2413</th>
<th>BIOL 1406 Biology for Science Majors I</th>
<th>CHEM 1411 General Chemistry I</th>
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**FIRST YEAR - SPRING SEMESTER**

<table>
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<tr>
<th>ENGL 1302 Composition II - Rhetoric</th>
<th>COSC 1301 Microcomputer Applications</th>
<th>BIOL 1407 Biology for Science Majors II</th>
<th>CHEM 1412 General Chemistry II</th>
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**FIRST YEAR - SUMMER SEMESTER**

| Speech Elective - Core Curriculum | | |
|-----------------------------------| | |
| 3                                 | | |

**SECOND YEAR - FALL SEMESTER**

<table>
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<tr>
<th>HIST 1301 United States History I or HIST 2327</th>
<th>GOVT 2305 Federal Government</th>
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<tbody>
<tr>
<td></td>
<td>Social &amp; Behav. Sciences Elect.-Core Curriculum</td>
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**SECOND YEAR - SPRING SEMESTER**

<table>
<thead>
<tr>
<th>HIST 1302 United States History II or HIST 2328</th>
<th>GOVT 2306 Texas Government</th>
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<tr>
<td></td>
<td>Humanities Elective - Core Curriculum</td>
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| CHEM 2423 Organic Chemistry I | |
|-----------------------------| |
| 4                           | |

**GENERAL EDUCATION REQUIREMENTS**

Visual & Performing Arts Elect. - Core Curriculum

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

Biological & Physical Sciences Elective - Core Curriculum

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

United States History I or HIST 2327

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

Humanities Elective - Core Curriculum

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

United States History II or HIST 2328

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

Social & Behav. Sciences Elect. - Core Curriculum

| 3 |

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Humanities Elective - Core Curriculum

| 3 |

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Social & Behav. Sciences Elect. - Core Curriculum

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Humanities Elective - Core Curriculum

| 3 |

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United States History II or HIST 2328

| 3 |

**GENERAL EDUCATION REQUIREMENTS**

Social & Behav. Sciences Elect. - Core Curriculum

| 3 |
Associate of Science, Field of Study in Biology

**PRE-REQUISITES:**

**ENGL 1301 COMPOSITION**
Prerequisite: A score of 60+/E-6, E-7, E-8 or 80+/E-5 on the ACCUPLACER Exam for Writing, equivalent placement score, or completion of ENGL 0200 with a grade of "C" or better; and a score of 78 on the ACCUPLACER Exam for Reading, the completion of READ 0200 or equivalent.

**MATH 1414 COLLEGE ALGEBRA**
Prerequisite: A score of 63+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam; or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.

**MATH 2412 PRECALCULUS AND TRIGONOMETRY**
Prerequisite: A score of 63+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam; or completion of MATH 0090 with a grade of "P", "C" or better, or equivalent.

**MATH 2413 CALCULUS I**
Prerequisite: MATH 1316 or MATH 2412 with a grade of "C" or better; or a 100+ on the College Level Mathematics ACCUPLACER.

**BIOL 1406 BIOLOGY FOR SCIENCE MAJORS I**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0200 with a grade of "C" or better.

**CHEM 1411 GENERAL CHEMISTRY I**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent, or completion of READ 0200 with a grade of "C" or better; and completion of MATH 1414 with a grade of "C" or better or equivalent.

**ENGL 1302 COMPOSITION II - RHETORIC**
Prerequisite: A grade of "C" or higher in ENGL 1301.

**COSC 1301 MICROCOMPUTER APPLICATIONS**
Prerequisite: None.

**BIOL 1407 BIOLOGY FOR SCIENCE MAJORS II**
Prerequisite: BIOL 1406 with a grade of "C" or better.

**CHEM 1412 GENERAL CHEMISTRY II**
Prerequisite: CHEM 1411 with a grade of "C" or better.

**HIST 1301 UNITED STATES HISTORY I**
Prerequisite: Completion of READ 0200 or equivalent.

**HIST 2327 MEXICAN AMERICAN HISTORY I**
Prerequisite: Completion of READ 0200 or equivalent.
(May substitute for HIST 1301.)

**GOVT 2305 FEDERAL GOVERNMENT**
Prerequisite: Completion of READ 0200 with a grade of "C" or better or equivalent.

**BIOL 2401 ANATOMY AND PHYSIOLOGY I**
Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0200 with a grade of "C" or better.

**BIOL 2428 COMPARATIVE VERTEBRATE ANATOMY**
Prerequisite: BIOL 1408 and 1409 or BIOL 1413 with a grade of "C" or better.

**HIST 1302 UNITED STATES HISTORY II**
Prerequisite: Completion of READ 0200 or equivalent.

**HIST 2328 MEXICAN AMERICAN HISTORY II**
Prerequisite: Completion of READ 0200 or equivalent.
(May substitute for HIST 1302.)

**GOVT 2306 TEXAS GOVERNMENT**
Prerequisite: Completion of READ 0200 with a grade of "C" or better or equivalent.

**CHEM 2423 ORGANIC CHEMISTRY I**
Prerequisite: CHEM 1412 with a grade of "C" or better.

**SPEECH ELECTIVE - 3 CREDITS** (Depending on the course, check the catalog for pre-requisites.)

**VISUAL & PERFORMING ARTS ELECTIVE - 3 CREDITS** (Depending on the course, check the catalog for pre-requisites.)

**SOCIAL / BEHAVIORAL SCIENCES ELECTIVE - 3 CREDITS** (Depending on the course, check the catalog for pre-requisites.)

**HUMANITIES ELECTIVE - 3 CREDITS** (Depending on the course, check the catalog for pre-requisites.)