

2009-2010

ASSOCIATE OF SCIENCE  
Field of Study in Biology

STUDENT NAME \_\_\_\_\_ SS# \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY, STATE, & ZIP CODE \_\_\_\_\_  
 TELEPHONE (DAY) \_\_\_\_\_ EVE \_\_\_\_\_ ENROLLMENT DATE \_\_\_\_\_

PLACEMENT TESTING:

Alternative Exam:	Read	Writing	Math	*TSI COMPLETE/EXEMPT/WAIVED DATE: _____
Accuplacer/ASSET/COMPASS/THEA	_____	_____	_____	
ACT	_____	_____	_____	
SAT	_____	_____	_____	

\*Texas Success Initiative Rules

DEVELOPMENTAL COURSES (enter grade) \_\_\_\_\_ Orin 101 - College Success

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				SCH	COLLEGE	SEM/YR	GRADE	COMMENTS
<b>FIRST YEAR - FALL SEMESTER</b>								
ENGL	1301	Composition		3				
MATH	1414	College Algebra or MATH 2412 or MATH 2413		4				
BIOL	1408	General Biology I		4				
CHEM	1411	General Chemistry I		4				
<b>FIRST YEAR - SPRING SEMESTER</b>								
ENGL	1302	Composition II - Rhetoric		3				
COSC	1301	Microcomputer Applications		3				
BIOL	1409	General Biology II		4				
CHEM	1412	General Chemistry II		4				
		Speech Elective- Core Curriculum		3				
<b>SECOND YEAR - FALL SEMESTER</b>								
HIST	1301	United States History I or HIST 2327		3				
GOVT	2301	American Government I		3				
		Visual & Performing Arts Elect.-Core Curriculum		3				
		Social & Behav. Sciences Elect.-Core Curriculum		3				
		**Biology Elective - Field of Study		4				
<b>SECOND YEAR - SPRING SEMESTER</b>								
HIST	1302	United States History II or HIST 2328		3				
GOVT	2302	American Government II		3				
		Humanities Elective - Core Curriculum		3				
		**Biology Elective - Field of Study		3 or 4				

\*\*See pre-requisite list for Field of Study options

STUDENT'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ FACULTY/ADVISOR'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

2009-2010 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 0091 with a grade of "C" or better; **and** a score of 61 on the ACCUPLACER Exam for Reading, the completion of READ 0080 or equivalent.*

**MATH 1414 COLLEGE ALGEBRA**

*Prerequisite: A score of 68+ 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 ALGEBRA AND TRIGONOMETRY**

*Prerequisite: MATH 1414 with a "C" or better; or a 100+ on the Elementary Algebra ACCUPLACER or a 75+ on the College Level Mathematics ACCUPLACER, or a 280+ on the math portion of the THEA exam.*

**MATH 2413 CALCULUS I**

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

**BIOL 1408 GENERAL BIOLOGY I**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 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 0090 with a grade of "C" or better; and a score of 95+ on the Elementary Algebra ACCUPLACER Exam or equivalent, or completion of MATH 0090 with a grade of "C" or better.*

**ENGL 1302 COMPOSITION II - RHETORIC**

*Prerequisite: A grade of "C" or higher in ENGL 1301.*

**COSC 1301 MICROCOMPUTER APPLICATIONS**

*Prerequisite: Successful completion of READ 0090 or equivalent.*

**BIOL 1409 GENERAL BIOLOGY II**

*Prerequisite: BIOL 1408 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: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*

**HIST 2327 MEXICAN AMERICAN HISTORY I**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.  
(May substitute for HIST 1301.)*

**GOVT 2301 AMERICAN GOVERNMENT I**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*

**HIST 1302 UNITED STATES HISTORY II**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*

**HIST 2328 MEXICAN AMERICAN HISTORY II**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.  
(May substitute for HIST 1302.)*

**GOVT 2302 AMERICAN GOVERNMENT II**

*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.  
Recommended: Completion of GOVT 2301.*

**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.)**

**\*\*PRE-REQUISITES FOR FIELD OF STUDY ELECTIVES:**

- BIOL 1411 GENERAL BOTANY**  
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*
- BIOL 1413 GENERAL ZOOLOGY**  
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*
- BIOL 2306 ENVIRONMENTAL BIOLOGY**  
*Prerequisite: None.*
- BIOL 2389 ACADEMIC COOPERATIVE IN THE BIOLOGICAL LIFE SCIENCES**  
*Prerequisite: Permission from the department.*
- BIOL 2401 ANATOMY & PHYSIOLOGY I**  
*Prerequisite: A passing score of 78+ on the Reading ACCUPLACER Exam or equivalent; or completion of READ 0090 with a grade of "C" or better.*
- BIOL 2402 ANATOMY & PHYSIOLOGY II**  
*Prerequisite: BIOL 2401 with a grade of "C" or better.*
- BIOL 2416 GENETICS**  
*Prerequisite: BIOL 1408 with a grade of "C" or better.*
- BIOL 2421 MICROBIOLOGY**  
*Prerequisite: BIOL 2401 with a grade of "C" or better.*  
*Recommended: CHEM 1411 and CHEM 1412.*
- BIOL 2428 COMPARATIVE VERTEBRATE ANATOMY**  
*Prerequisite: BIOL 1408 and BIOL 1409 or BIOL 1413 with a grade of "C" or better.*