



**Student Advising Sheet**  
**Academic Calendar 2012-2013**

**Preparing for: Biotechnology**

**How to use this sheet:**

The courses below are the common prerequisite courses that you should take at your community college to prepare for your major at a state university as published in the FACTS.org online system. Please check with an academic advisor if you have any questions about the courses below.

**Program offered at:** FGCU, UCF

**COMMON PREREQUISITE COURSES**

Course Number	Course Title	Credits
BSC1010	Principles of Biology I ( <i>Coreq: BSC1010L</i> )	3.0
BSC1010L	Principles of Biology I Laboratory ( <i>Coreq: BSC1010</i> )	1.0
BSC1011	Principles of Biology II ( <i>Coreq: BSC1011L</i> )	3.0
BSC1011L	Principles of Biology II Laboratory ( <i>Coreq: BSC1011</i> )	1.0
CHM1045	General Chemistry I ( <i>Coreq: CHM1045L and MAC1105</i> )	3.0
CHM1045L	General Chemistry I Laboratory ( <i>Coreq: CHM1045</i> )	1.0
CHM1046	General Chemistry II ( <i>Coreq: CHM1046L</i> )	3.0
CHM1046L	General Chemistry II Laboratory ( <i>Coreq: CHM1046</i> )	1.0
CHM2210	Organic Chemistry I ( <i>Coreq: CHM2210L</i> )	3.0
CHM2210L	Organic Chemistry I Laboratory ( <i>Coreq: CHM2210</i> )	1.0
CHM2211	Organic Chemistry II ( <i>Coreq: CHM2211L</i> )	3.0
CHM2211L	Organic Chemistry II Laboratory ( <i>Coreq: CHM2211</i> )	1.0
PHY2053 <b>or</b> Phy2048 PHY2048L	General Physics I ( <i>Coreq: MAC1114 or MAC1147, and PHY2048L</i> ) General Physics with Calculus I ( <i>Coreq: PHY2048L</i> ) General Physics I and General Physics with Calculus I Laboratory ( <i>Coreq: PHY2048 or PHY2053</i> )	4.0 4.0 1.0
PHY2054 <b>or</b> PHY2049 PHY2049L	General Physics II ( <i>Coreq: PHY2049L</i> ) General Physics with Calculus II ( <i>Coreq: PHY2049 and MAC2312</i> ) General Physics II and General Physics with Calculus II Laboratory ( <i>Coreq: PHY2049 or PHY2054</i> )	4.0 4.0 1.0
MAC2311	Calculus with Analytic Geometry I	4.0
STA2023	Statistics	3.0

**General Education Courses:** AA degree students must meet all general education requirements as published in the catalog. All general education courses must be completed with a "C" or higher. Please see an advisor if you have any questions.

**Elective Courses:** AA degree students should select electives that support their program of study. Please see an advisor if you have any questions.

**Notes:**

FOR ALL MAJORS: Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.