



MAST@FIU

Biscayne Bay Campus

Program of Study: High School Diploma with University Dual Enrollment Options

Subject/Grade	9 th	10 th	11 th	12 th
English Language Arts	H English 1	H English 2	H English 3 OR AP Language and Composition OR Writing I (ENC 1101) AND Writing II (ENC 1102)	H English 4 OR AP English Literature & Composition OR Literature (ENG 2012) AND Introduction to Literature (LIT 1000)
Mathematics	H Geometry OR H Algebra II	H Algebra II OR H Pre-Calculus	H Pre-Calculus OR AP Calculus AB	H Statistics OR AP Statistics OR Calculus I (MAC 2311) AND Calculus II (MAC 2312) OR Statistics for Behavioral Sciences (STA 2122)
Sciences	H Biology OR H Chemistry	H Chemistry OR H Physics	H Physics OR AP Biology OR AP Chemistry OR AP Physics AB	AP Biology OR AP Chemistry OR AP Physics AB OR Biology I (BSC 2010) with Lab AND Biology II (BSC 2011) with Lab
Magnet Science	H Marine Science 1	H Marine Science 2	H Environmental Science 1 OR AP Environmental Science OR Environmental Science (EVR 1001) with Lab AND Global Environment (EVR 1017)	AP Biology OR AP Chemistry OR AP Physics AB OR AP Physics BC (N/A for Early Admissions)
Social Sciences	H World History OR AP World History OR World History (WOH 2001) AND World History (WOH 2022)	AP Psychology OR Psychology (PSY 2012) AND Human Growth and Development (DEP 2000)	H U.S. History OR AP U.S. History OR American History (AMH 2010) AND American Civilization (AMH 2020)	H U.S. Government AND H Economics OR AP U.S. Government AND AP Macro-Economics OR U.S. Government (POS 2041) AND Macro-Economics (ECO 2023)
Required Electives	Personal Fitness and Fitness Lifestyle Design OR Foreign Language 1/2 OR Fine Art OR Practical Art	Personal Fitness and Fitness Lifestyle Design OR Foreign Language 1/2 OR Fine Art OR Practical Art	Personal Fitness and Fitness Lifestyle Design OR Foreign Language 1/2 OR Fine Art OR Practical Art	Personal Fitness and Fitness Lifestyle Design OR Foreign Language 2 OR Fine Art OR Practical Art
Summer DE Option	Two DE courses	Two DE courses	Two DE courses	N/A
Community Service	Minimum 25 hours	Minimum 25 hours	Minimum 25 hours	Minimum 25 hours

NOTES: Students must enroll in a minimum of 6 courses per academic year. Advanced students enroll in the next sequential course in the subject area provided prerequisites are met. Advanced Placement (AP) and Dual Enrollment (DE) courses have specific prerequisites, which include previous subject-area courses, standardized test scores and grade point averages, and must be approved by the school counselor, principal and FIU representative (DE courses only) prior to enrollment. Part-time DE requires a minimum 3.0 GPA and a PERT score of 106, 103 and 114 in Reading, Writing and Mathematics respectively. Full-time DE requires a minimum 3.5 GPA and a minimum 1200 SAT or 25 ACT score. The minimum GPA, SAT or ACT, and ALEKS (math DE only) qualifying scores must be obtained before April 30th to enroll in full-time DE for the fall semester. This information is intended for planning purposes only. (Revised 6.27.17)