



MAST@FIU

Biscayne Bay Campus

Course Listing 2019-2020

Course Sequence Number	Course Name	Grade Affiliation	Prerequisite Course	Notes AP=Advanced Placement, DE=Dual Enrollment, FLVS=Florida Virtual School FIU eligibility includes 3.0 GPA, PERT and SAT/ACT scores
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English Language Arts (Four year program of study, minimum one course per year)				
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A01	Honors English 1	9	None	English Language Arts (ELA) requirement
A03	Honors English 2	10	A01	ELA requirement
A05	Honors English 3	11	A03	ELA requirement
A07	AP English Language and Composition	11	A03	Replaces A05, requires counselor approval
A41/42	DE Writing and Rhetoric 1/2	11-12	A03	Replaces A05, must meet FIU eligibility, requires counselor approval
A09	Honors English 4	12	A05	ELA requirement
A11	AP English Literature and Composition	12	A05	Replaces A09, requires counselor approval
A43/44	DE English Literature/Intro to Literature	12	A41/42	Replaces A09, must meet FIU eligibility, requires counselor approval
A13	Journalism 1	9-10	None	Fulfills practical arts graduation requirement
A15	Honors Journalism 4	10-11	A13	Fine arts credit, requires recommendation of Journalism teacher
A17	Honors Journalism 5	11-12	A15	Fine arts credit, requires recommendation of Journalism teacher
A19	Honors Journalism 6	12	A17	Fine arts credit, requires recommendation of Journalism teacher

Mathematics (Four year program of study, minimum one course per year)				
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B01	Honors Geometry	9	None	Math requirement
B03	Honors Algebra 2	9-10	B01	Math requirement
B05	Honors Pre-Calculus	10-12	B03	Math requirement
B07	Honors Calculus	10-12	B03	Replaces B05, requires counselor approval
B09	AP Calculus AB	11-12	B03	Replaces B05 & B07, requires counselor approval
B11	AP Calculus BC	11-12	B09	Requires counselor approval
B13	AP Statistics	11-12	B03	Requires counselor approval
B15	Honors Trigonometry	11-12	B03	Requires counselor approval
B41/42	DE College Algebra/Trigonometry	12	B05	Replaces B07, must meet FIU eligibility, requires counselor approval
B43/44	DE Pre-Calculus Algebra/Trigonometry	12	B05	Replaces B07, must meet FIU eligibility, requires counselor approval
B45/46	DE Calculus 1/2	12	B05	Replaces B07, must meet FIU eligibility, requires counselor approval
B47/48	DE Math of Social Choice/Statistics for HP	12	B05	Replaces B07, must meet FIU eligibility, requires counselor approval



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Science (Four year program of study, minimum two courses per year)

C01	Honors Biology	9	None	Science requirement
C03	Honors Chemistry	9-10	C01	Science requirement
C05	Honors Physics	10-11	C03	Science requirement
C07	AP Biology	11-12	C03	Requires counselor approval
C09	AP Chemistry	11-12	C03	Requires counselor approval
C11	AP Physics C - Mechanics	11-12	C05	Requires counselor approval
C13	Honors Marine Science 1	9	None	Magnet science requirement
C15	Honors Marine Science 2	10	C13	Magnet science requirement
C17	Honors Environmental Science	11	C15	Magnet science requirement, requires counselor approval
C19	AP Environmental Science	11-12	C15	Replaces C17, requires counselor approval
C41/C42	DE Enviro Science/Global Environment	11-12	C15	Replaces C17, must meet FIU eligibility, requires counselor approval
C45/C46	DE General Biology 1/2	12	C21/C22	Must meet FIU eligibility, requires counselor approval

Social Studies (Four year program of study, minimum one course per year)

D01	Honors World History	9	None	Social studies requirement
D03	AP World History	9	None	Replaces D01, requires counselor approval
D41/42	DE World History	9	None	Replaces D01, must meet FIU eligibility, requires counselor approval
D05	AP Psychology	10-11	None	Magnet social studies requirement
D43/44	DE Psychology/Human Growth & Develop	10	None	Replaces D05, must meet FIU eligibility, requires counselor approval
D07	AP Human Geography	10	None	Replaces D05, requires counselor approval
D09	Honors U.S. History	11	D05	Social studies requirement
D11	AP U.S. History	11	D05	Replaces D09, requires counselor approval
D45/47	DE History of US/Origins of US Civilization	11	D05	Replaces D09, must meet FIU eligibility, requires counselor approval
D13/14	Honors U.S. Government/Economics	12	D09	Social studies requirement
D15/D16	AP U.S. Government/Economics	12	D09	Replaces D13/D14, requires counselor approval
D47/49	DE Macro-Economics/US Government	12	D09	Replaces D13/D14, must meet FIU eligibility, requires counselor approval



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Physical Education (One year program of study)				
E01/E02	FLVS Pers Fitness/Fitness Life Style Design	9	None	Graduation and on-line course requirement
World Languages (Two year program of study, minimum one course per year)				
F01	FLVS Spanish 1	9	None	Foreign language requirement, first course in sequence
F03	FLVS Spanish 2	9-10	F01	Foreign language requirement, second course in sequence
F05	FLVS Spanish 3	9-11	F03	Foreign language requirement, third course in sequence
F07	FLVS French 1	9	None	Foreign language requirement, first course in sequence
F09	FLVS French 2	9-10	F05	Foreign language requirement, second course in sequence
Practical and Fine Arts (One year program of study required)				
G01	FLVS Intro to Information Technology	9	None	Practical/Fine arts requirement
G03	FLVS Honors Art History and Criticism	9	None	Practical/Fine arts requirement
Career & Technical Education				
G05	AP Computer Science A	11-12	B03	Requires counselor approval
G11	Executive Internship 1 Honors	11	None	Requires counselor, principal and district approval
G13	Executive Internship 2 Honors	11	None	Requires counselor, principal and district approval
G15/G17	DE Introduction to GIS	11-12	D07	Leads to industry certificate; requires counselor, principal and district approval