

[illegible]

**NATURAL SCIENCES 6 Credits\***

Select at least 1 course from the 13 State Core options. Lab Credits are not allowed in this area.

**State Core 3 Credits**

1. **AST 1002** - Descriptive Astronomy
2. **BSC 1005** - General Education Biology
3. **BSC 2010** - Principles of Biology
4. **BSC 2085** - Human Anatomy and Physiology I
5. **CHM 1020** - General Education Chemistry
6. **CHM 1045** - General Chemistry & Qualitative Analysis
7. **ESC 1000** - General Education Earth Science
8. **EVR 1001** - Introduction to Environmental Science
9. **GLY 1010** - Physical Geology
10. **OCE 1001** - Introduction to Oceanography
11. **PHY 1020** - General Education Physics
12. **PHY 2048** - Physics with Calculus 1
13. **PHY 2053** - Physics (without Calculus) 1

**MDC Core 3 Credits**

- AST 1002** - Descriptive Astronomy  
**BOT 1010** - Botany  
**BSC 1005** - General Education Biology  
**BSC 1030** - Social Issues in Biology  
**BSC 1050** - Biology & Environment  
**BSC 1084** - Functional Human Anatomy  
**BSC 2010** - Principles of Biology  
**BSC 2020** - Human Biology: Fundamentals of Anatomy/Physiology  
**BSC 2085** - Anatomy and Physiology I  
**BSC 2250** - Natural History of South Florida  
**CHM1020** - General Education Chemistry  
**CHM1025** - Introductory Chemistry  
**CHM1033** - Chemistry for Health Sciences  
**CHM1045** - General Chemistry and Qualitative Analysis  
**CHM1046** - General Chemistry and Qualitative Analysis  
**CHM2124C** - Survey of Quantitative Analysis  
**CHM2200** - Survey of Organic Chemistry  
**CHM2210** - Organic Chemistry 1  
**CHM2211** - Organic Chemistry 2  
**ESC 1000** - General Education Earth Science  
**EVR 1001** - Introduction to Environmental Science  
**GLY 1010** - Physical Geology  
**GLY1100** - Historical Geology  
**HUN 1201** - Essentials of Human Nutrition  
**MET1010** - Introduction to Weather  
**OCB 1010** - Introduction to Marine Biology  
**OCE 1001** - Introduction to Oceanography  
**PCB 2033** - Introduction to Ecology  
**PHY1004** - Physics with Applications 1  
**PHY1005** - Physics with Applications 2  
**PHY1020** - General Education Physics  
**PHY1025** - Basic Physics  
**PHY2048** - Physics with Calculus 1  
**PHY2049** - Physics with Calculus 2  
**PHY2053** - Physics (without Calculus) 1  
**PHY2054** - Physics (without Calculus) 2  
**PSC 1121** - General Education Physical Science  
**PSC 1515** - Energy in the Natural Environment  
**ZOO 1010** - Zoology

**GENERAL EDUCATION ELECTIVE 3 Credits**

Select at least 1 course from the following options.

AFH2000	BSC2085	ECO2301	MAC1140	PHY2048
AMH2010	BSC2085L	EDF1005	MAC1147	PHY2048L
AMH2020	BSC2086	ENC1101	MAC2233	PHY2049
AMH2035	BSC2086L	ENC1102	MAC2311	PHY2049L
AMH2047	BSC2250	ENC2300	MAC2312	PHY2053
AML2010	BSC2427	ENG2012	MAC2313	PHY2053L
AML2020	BSC2427L	ENL2012	MAD1100	PHY2054
ANT2000	CHI1120	ENL2022	MAD2104	PHY2054L
ARC2701	CHI1121	ESC1000	MAP2302	POR1120
ARC2702	CHM1020	EUH2032	MAS2103	POR1121
ARH1000	CHM1020L	EVR1001	MCB2010	POS2041
ARH2050	CHM1025	FRE1120	MCB2010L	POS2112
ARH2051	CHM1025L	FRE1121	MET1010	PSC1121
ARH2402	CHM1033	GER1120	MET1010L	PSC1191
ARH2740	CHM1033L	GER1121	MGF1130	PSC1515
ASL1140C	CHM1045	GLY1010	MGF1131	PSY2012
ASL1150C	CHM1045L	GLY1010L	MUH2111	QMB2100
ASL2210	CHM1046	GLY1100	MUH2112	REL1210
ASL2220	CHM1046L	HLP1080	MUL1010	REL1240
ASL2400	CHM2124C	HLP1081	MUL2380	RUS1120
ASL2430	CHM2200	HLP1083	OCB1010	RUS1121
ASL2510	CHM2200L	HUM1020	OCB1010L	SOP2002
AST1002	CHM2210	HUN1201	OCE1001	SPC1017
BOT1010	CHM2210L	INR2002	PCB2033	SPC2511
BOT1010L	CHM2211	ITA1120	PCO2731	SPC2601
BOT2150C	CHM2211L	ITA1121	PHI1100	SPC2608
BSC1005	CLP2000	JPN1120	PHI2010	SPN1120
BSC1005L	CRW2001	JPN1121	PHI2600	SPN1121
BSC1030	CRW2002	LAH2021	PHI2801	STA2023
BSC1050	DAN2100	LIT2000	PHM2300	SYG2000
BSC1084	DAN2130	LIT2090	PHY1004	THE2000
BSC2010	DAN2131	LIT2120	PHY1004L	WOH2012
BSC2010L	DEP2000	MAC1105	PHY1005	WOH2022
BSC2011	DEP2100	MAC1105L	PHY1005L	ZOO1010
BSC2011L	ECO2013	MAC1106	PHY1020	ZOO1010L
BSC2020	ECO2023	MAC1114	PHY1025	

**FIRST YEAR EXPERIENCE**

**SLS 1106** - First Year Experience Seminar

**OR**

One of the courses below based on advisor's recommendation:

**IDH 1001** - Honors Leadership Seminar 1

**IDH 1002** - Honors Leadership Seminar 2

**IDH 2003** - Honors Leadership Seminar 3

**IDH 2004** - Honors Leadership Seminar 4

**SLS 1125** - Student Support Seminar

**SLS 1401** - Psychology of Career Adjustment

**SLS 1502** - College Study Skills

**SLS 1505** - College Survival Skills

**SLS 1510** - Preparing for Student Success

**PATHWAY ELECTIVES 24 Credits**

Elective courses should be selected by pathway and/or specialization. Consult with an advisor. Also refer to information available at your Transfer Institution of choice. General education courses that are not used to meet general education requirements may be used for pathway electives in this block.

<b>FOREIGN LANGUAGE COMPETENCY</b> May be satisfied by Foreign Language Competency (FLC) standardized examinations. For more information, refer to <a href="#">Foreign Language Competency</a> . <b>OR</b>		
<b>ASL 1150C</b> <b>CHI 1121</b> <b>FRE 1121</b>	<b>GER 1121</b> <b>ITA 1121</b> <b>JPN 1121</b>	<b>POR 1121</b> <b>RUS 1121</b> <b>SPN 1121</b>
<b>COMPUTER COMPETENCY</b> By the 16th earned college-level credit, students must attempt the computer competency requirement OR by the 31st earned college-level credit, students must satisfy the requirement (CGS1060C, an equivalent college credit course or the College's approved computer competency test). For more information, see <a href="#">Computer Competency</a> .		
<b>CHM 1025</b> The Chemistry Advanced Readiness Test (CART) is an opportunity for eligible students to bypass CHM1025. Review the MDC <a href="#">CART webpage</a> for eligibility.		
<b>CIVIC LITERACY COMPETENCY</b> Associate in arts or baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter and Associate in Science degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2022-2023 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course (AMH 2010 or AMH 2020 or POS 2041) AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE). First-time-in-college students who entered between Fall 2018 and Summer 2021 will continue to have the option of passing a course or an approved assessment. For more information regarding the Florida Civic Literacy Requirement, go to <a href="#">Civic Literacy Competency</a> .		
<b>60 CREDITS REQUIRED FOR GRADUATION</b>		
<b>General Education: 36 Credits</b>		<b>Pathway Electives</b>
State Core: 15 Credits	MDC Core: 21 Credits	24 Credits
For more information regarding General Education Course Options, refer to <a href="#">Rule 6A-14.0303, General Education Course Options</a> .		
<b>GENERAL EDUCATION CORE COURSE STANDARDS</b> <ol style="list-style-type: none"><li><b>Communication</b> courses must afford students the ability to communicate effectively, including the ability to write clearly and engage in public speaking.</li><li><b>Humanities</b> courses must afford students the ability to think critically through the mastering of subjects concerned with human culture, especially literature, history, art, music, and philosophy, and must include selections from the Western canon.</li><li><b>Mathematics</b> courses must afford students a mastery of foundational mathematical and computation models and methods by applying such models and methods in problem solving.</li><li><b>Natural Science</b> courses must afford students the ability to critically examine and evaluate the principles of the scientific method, model construction, and use the scientific method to explain natural experiences and phenomena.</li><li><b>Social Science</b> courses must afford students an understanding of the basic social and behavioral science concepts and principles used in the analysis of behavior and past and present social, political, and economic issues.</li></ol>		
<b>MDC Advisement &amp; Career Services Offices</b>		
Hialeah Campus   Room 2101   305-237-8794	Homestead Campus   Room C210   305-237-5046	
Padrón Campus   Room 1101   305-237-6133	Kendall Campus   Room R243   305-237-2125	
Medical Campus   Room 1223   305-237-4141	North Campus   Room 1104   305-237-1425	
Wolfson Campus   Room 2301   305-237-3077	West Campus   Room 2114   305-237-8947	
Meek Center   Room 1102-02   305-237-1900		
Call Center   305-237-8888   <a href="mailto:mdcinfo@mdc.edu">mdcinfo@mdc.edu</a>		

**Important Information**

- The official graduation requirements are on the Academic Requirements page in MDConnect at [mdconnect.mdc.edu](http://mdconnect.mdc.edu). You are encouraged to visit Advisement for assistance with your degree requirements.
- Other Assessment Procedures for College-Level Communication and Computation Skills (6A-10.030) (often referenced as Gordon Rule) requires:
  - o **W** = Writing Intensive Course: Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments.
  - o **C** = Computational Course: Six (6) semester hours of mathematics coursework at the level of college algebra or higher.
- \*General education courses require a grade of C or higher to satisfy the requirement.
- W = Writing Intensive Course
- C = Computational Course