Miami Dade College

<table>
<tr><td colspan="5">AA Course Sequence Guide - Full-Time Enrollment
Pre-Medical Science/Dentistry Pathway
Associate in Arts Degree | Code: 11211 | 60 Credits
Effective Term: Fall 2025 (2257)</td></tr>
<tr><th>SEMESTER</th><th>Course ID</th><th>Course Title</th><th>Credits</th><th>Pre/Corequisites</th></tr>
<tr><td rowspan="6">Semester 1</td><td>ENC 1101 (W)</td><td>English Composition I</td><td>3</td><td>Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).</td></tr>
<tr><td>MAT 1033</td><td>Intermediate Algebra</td><td>3</td><td>Prerequisites: MAT 0022C, MAT 0028, or MAT 0057 or placement Score or eligible exemption</td></tr>
<tr><td>MAT 1033L</td><td>Intermediate Algebra Recitation Hall</td><td>0</td><td>Corequisite: MAT 1033</td></tr>
<tr><td>SLS 1106</td><td>First Year Experience Seminar</td><td>1</td><td></td></tr>
<tr><td>Social Sciences</td><td>AMH 2010, AMH 2020, POS 2041</td><td>3</td><td></td></tr>
<tr><td>Computer Competency</td><td>Computer Skills Placement (CSP)
---or---
CGS 1060C</td><td></td><td>Departmental Recommendation: Computer Skills Placement (CSP)</td></tr>
<tr><td colspan="3">TOTAL CREDITS</td><td>10</td><td></td></tr>
<tr><td rowspan="5">Semester 2</td><td>ENC 1102 (W)</td><td>English Composition II</td><td>3</td><td>Prerequisite: ENC 1101</td></tr>
<tr><td>MAC 1105 (C)</td><td>College Algebra</td><td>3</td><td>Prerequisite: MAT 1033♦
♦Students must seek advisement for proper mathematics course from discipline chairperson.</td></tr>
<tr><td>Humanities</td><td>ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)</td><td>3</td><td>Prerequisite for LIT 2000: ENC 1101</td></tr>
<tr><td>CHM 1025</td><td>Introductory Chemistry</td><td>3</td><td>Prerequisite: MAT 1033♦
♦Students must seek advisement for proper mathematics course from discipline chairperson.</td></tr>
<tr><td>CHM 1025L</td><td>Introductory Chemistry Laboratory</td><td>1</td><td></td></tr>
<tr><td colspan="3">TOTAL CREDITS</td><td>13</td><td></td></tr>
<tr><td rowspan="5">Semester 3</td><td>Social Sciences</td><td>AMH 2010, AMH 2020, ANT 2000, DEP 2000, ECO 2013 (W), POS 2041, PSY 2012, SYG 2000, WOH 2012, WOH 2022</td><td>3</td><td>Note: Check with an MDC advisor for requisite information.</td></tr>
<tr><td>CHM 1045</td><td>General Chemistry & Qualitative Analysis</td><td>3</td><td>Prerequisite: CHM 1025 or a passing score on the CART exam, MAC 1105
Corequisite: CHM 1045L</td></tr>
<tr><td>CHM 1045L</td><td>General Chemistry & Qualitative Analysis Lab</td><td>2</td><td>Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105
Corequisite: CHM 1045</td></tr>
<tr><td>BSC 2010</td><td>Principles of Biology I</td><td>3</td><td>Pre/Corequisite: BSC 2010L, CHM 1045</td></tr>
<tr><td>BSC 2010L</td><td>Principles of Biology I Laboratory</td><td>2</td><td>Corequisite: BSC 2010</td></tr>
<tr><td colspan="3">TOTAL CREDITS</td><td>13</td><td></td></tr>
<tr><td rowspan="5">Semester 4</td><td>Oral Communication</td><td>ENC 2300 (W), SPC 1017 (W), SPC 2608 (W)</td><td>3</td><td>Prerequisite for ENC 2300: ENC 1101, ENC 1102
Prerequisite for SPC 2608: ENC 0025</td></tr>
<tr><td>CHM 1046</td><td>General Chemistry & Qualitative Analysis</td><td>3</td><td>Prerequisite: CHM 1045
Corequisite: CHM 1046L</td></tr>
<tr><td>CHM 1046L</td><td>General Chemistry & Qualitative Analysis Laboratory</td><td>2</td><td>Prerequisite: CHM 1045, CHM 1045L
Corequisite: CHM 1046</td></tr>
<tr><td>BSC 2011</td><td>Principles of Biology II</td><td>3</td><td>Prerequisites: BSC 2010, BSC 2010L
Corequisite: BSC 2011L</td></tr>
<tr><td>BSC 2011L</td><td>Principles of Biology II Laboratory</td><td>2</td><td>Prerequisite: BSC 2010L
Corequisite: BSC 2011</td></tr>
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Notes: W = Writing Intensive Course
C = Computational Course

		TOTAL CREDITS	**13**	
Semester 5	PHI 2600 (W)	Introduction to Ethics	3	
	CHM 2210	Organic Chemistry I	3	Prerequisites: CHM 1046, CHM 1046L Corequisite: CHM 2210L
	CHM 2210L	Organic Chemistry I Laboratory	2	Prerequisite: CHM 1046L Corequisite: CHM 2210
	STA 2023 (C)	Statistical Methods	3	Prerequisite: MAT 1033 or MGF 1131
		TOTAL CREDITS	**11**	
		PROGRAM TOTAL	**60**	

SEMESTER	Course ID	Course Title	Credits	Pre/Co-Requisites
	AA Course Sequence Guide - Part-Time Enrollment Pre-Medical Science/Dentistry Pathway Associate in Arts Degree | Code: 11211 | 60 Credits Effective Term: Fall 2025 (2257)			

AA Course Sequence Guide - Part-Time Enrollment
Pre-Medical Science/Dentistry Pathway
Associate in Arts Degree | Code: 11211 | 60 Credits
Effective Term: Fall 2025 (2257)

SEMESTER	Course ID	Course Title	Credits	Pre/Co-Requisites
Semester 1	ENC 1101 (W)	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
	MAT 1033	Intermediate Algebra	3	Prerequisites: MAT 0022C, MAT 0028, or MAT 0057 or placement Score or eligible exemption
	MAT 1033L	Intermediate Algebra Recitation Hall	0	Corequisite: MAT 1033
	SLS 1106	First Year Experience Seminar	1	
	Social Sciences	AMH 2010, AMH 2020, POS 2041	3	
	Computer Competency	Computer Skills Placement (CSP) ---*or*--- CGS 1060C		**Departmental Recommendation**: Computer Skills Placement (CSP)
		TOTAL CREDITS	**10**	
Semester 2	ENC 1102 (W)	English Composition II	3	Prerequisite: ENC 1101
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	CHM 1025	Introductory Chemistry	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	CHM 1025L	Introductory Chemistry Laboratory	1	
		TOTAL CREDITS	**10**	
Semester 3	*Humanities*	ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)	3	Prerequisite for LIT 2000: ENC 1101
	CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1025 or a passing score on the CART exam, MAC 1105 Corequisite: CHM 1045L
	CHM 1045L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105 Corequisite: CHM 1045
		TOTAL CREDITS	**8**	
Semester 4	*Social Sciences*	AMH 2010, AMH 2020, ANT 2000, DEP 2000, ECO 2013 (W), POS 2041, PSY 2012, SYG 2000, WOH 2012, WOH 2022	3	**Note:** Check with an MDC advisor for requisite information.
	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1045 Corequisite: CHM 1046L
	CHM 1046L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1045, CHM 1045L Corequisite: CHM 1046
		TOTAL CREDITS	**8**	
Semester 5	*Oral Communication*	ENC 2300 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for SPC 2608: ENC 0025
	BSC 2010	Principles of Biology I	3	Pre/Corequisite: BSC 2010L, CHM 1045
	BSC 2010L	Principles of Biology I Laboratory	2	Corequisite: BSC 2010
		TOTAL CREDITS	**8**	

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Semester 6	PHI 2600 (W)	Introduction to Ethics	3	
	BSC 2011	Principles of Biology II	3	Prerequisites: BSC 2010, BSC 2010L Corequisite: BSC 2011L
	BSC 2011L	Principles of Biology II Laboratory	2	Prerequisites: BASC 2010, BSC 2010L Corequisite: BSC 2011
		TOTAL CREDITS	**8**	
Semester 7	CHM 2210	Organic Chemistry I	3	Prerequisites: CHM 1046, CHM 1046L Corequisite: CHM 2210L
	CHM 2210L	Organic Chemistry I Laboratory	2	Prerequisite: CHM 1046L Corequisite: CHM 2210
	STA 2023 (C)	Statistical Methods	3	Prerequisite: MAT 1033 or MGF 1131
		TOTAL CREDITS	**8**	
		PROGRAM TOTAL	**60**	

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