

AA Course Sequence Guide - Full-Time Enrollment
Chemistry Pathway
Associate in Arts Degree | Code: 11901 | 60 Credits
Effective Term: Fall 2025 (2257)

SEMESTER	COURSE ID	COURSE TITLE	CREDITS	PRE/COREQUISITES	
Semester 1	ENC 1101 (W)	English Composition 1	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	
	Social Sciences	AMH 2010, AMH 2020, POS 2041	3		
	SLS 1106	First Year Experience Seminar	1		
TOTAL CREDITS				10	
Semester 2	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101	
	Humanities	ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)	3	Prerequisite for LIT 2000: 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	
	CHM 1025L	Introductory Chemistry Lab	1		
TOTAL CREDITS				13	
Semester 3	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC1105	
	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 Lab	2	Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105; Corequisite: CHM 1045	
	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.	
	Computer Competency	Computer Skills Placement (CSP) ---or--- CGS 1060C		Departmental Recommendation: Computer Skills Placement (CSP)	
	TOTAL CREDITS				13
Semester 4	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/Corequisites: BSC 2010L, CHM 1045	
	BSC 2010L	Principles of Biology I Lab	2	Corequisite: BSC 2010	
	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1045 Corequisite: CHM 1046L	
	CHM 1046L	General Chemistry & Qualitative Analysis Lab	2	Prerequisite: CHM 1045, CHM 1045L Corequisite: CHM 1046	
	TOTAL CREDITS				13
Semester 5	Humanities	ARC 2701, ARC 2702 (W), ARH 1000, ARH 2050, ARH 2051 (W), ARH 2740 (W), DAN 2100, DAN 2130 (W), HUM 1020, (W), LIT 2000 (W), LIT 2120 (W), MUH 2111, MUH 2112 (W), MUL 1010, MUL 2380 (W), PHI 2010 (W), PHI 2600 (W), THE 2000 (W)	3	Note: Check with an MDC advisor for requisite information.	
	CHM 2210	Organic Chemistry I	3	Prerequisite: CHM1046 and CHM 1046L Corequisite: CHM 2210L	
	CHM 2210L	Organic Chemistry I Lab	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

AA Course Sequence Guide - Part-Time Enrollment
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SEMESTER	COURSE ID	COURSE TITLE	CREDITS	PRE/CO-REQUISITES
Semester 1	ENC 1101 (W)	English Composition 1	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	Student must meet the Developmental Education reading and writing requirements
	MAT 1033L	Intermediate Algebra Recitation Hall	0	
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	SLS 1106	First Year Experience Seminar	1	
	TOTAL CREDITS		10	
Semester 2	ENC 1102 (W)	English Composition 2	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
	CHM 1025L	Introductory Chemistry Lab	1	
	TOTAL CREDITS		10	
Semester 3	<i>Humanities</i>	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 Lab	2	Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105; Corequisite: CHM 1045
	TOTAL CREDITS		8	
Semester 4	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC 1105
	<i>Social Sciences</i>	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.
	<i>Computer Competency</i>	Computer Skills Placement (CSP) ---or--- CGS 1060C		Departmental Recommendation: Computer Skills Placement (CSP)
	TOTAL CREDITS		8	
Semester 5	<i>Oral Communication</i>	ENC 2300 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for SPC 2608: ENC 0025
	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1045 Corequisite: CHM 1046L
	CHM 1046L	General Chemistry & Qualitative Analysis Lab	2	Prerequisite: CHM 1045, CHM 1045L Corequisite: CHM 1046
	TOTAL CREDITS		8	
Semester 6	<i>Humanities</i>	ARC 2701, ARC 2702 (W), ARH 1000, ARH 2050, ARH 2051 (W), ARH 2740 (W), DAN 2100, DAN 2130 (W), HUM 1020, LIT 2000 (W), LIT 2120 (W), MUH 2111, MUH 2112 (W), MUL 1010, MUL 2380 (W), PHI 2010 (W), PHI 2600 (W), THE 2000 (W)	3	Note: Check with an MDC advisor for requisite information.
	BSC 2010	Principles of Biology I	3	Prerequisite: CHM 1045 Corequisite: BSC 2010L
	BSC 2010L	Principles of Biology I Lab	2	Corequisite: BSC 2010

			TOTAL CREDITS	8	
Semester 7	CHM 2210	Organic Chemistry I	3	Prerequisite: CHM1046 and CHM 1046L Corequisite: CHM 2210L	
	CHM 2210L	Organic Chemistry I Lab	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		