

AA Course Sequence Guide - Full-Time Enrollment
Atmospheric Science & Meteorology Pathway
Associate in Arts Degree | Code: 11903 | 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).
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033* *Students must seek advisement for proper mathematics course from discipline chairperson.
	PSC 1515	Energy in the Natural Environment	3	
	Social Sciences	AMH 2010, AMH 2020, POS 2041	3	
	SLS 1106	First Year Experience Seminar	1	
	TOTAL CREDITS		13	
Semester 2	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC 1105
	MET 1010	Introduction to Weather	3	Pre/Corequisite: PSC 1515
	MET 1010L	Introduction to Weather Lab	1	Pre/Corequisite: MET 1010
	TOTAL CREDITS		12	
Semester 3	HUM 1020	Humanities	3	
	MAC 2311 (C)	Calculus and Analytical Geometry 1	5	Prerequisites: MAC 1106 and MAC 1114, or MAC 1140 and MAC 1114, or MAC 1147 with a grade of "C" or better or departmental permission
	CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM1025 or a passing score on the CART exam, MAC 1105 Corequisite: CHM 1045L
	CHM 1045L	General Chemistry & Qualitative Analysis Lab	2	Prerequisite: MAC1105, CHM1025 or a passing score on the CART exam Corequisite: CHM 1045
	TOTAL CREDITS		13	
Semester 4	SPC 1017 (W)	Introduction to Communications	3	
	PHY 2048	Physics with Calculus 1	4	Prerequisites: High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311 Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus 1 Lab	1	Prerequisites: MAC 2311 and [High School Physics or PHY 1025 or PHY 2053 and PHY 2053L] or Departmental Approval Corequisite: PHY 2048
	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.
	TOTAL CREDITS		11	
Semester 5	PHI 2600 (W)	Introduction to Ethics	3	
	MAC 2312 (C)	Calculus and Analytical Geometry 2	4	Prerequisite: MAC 2311
	PHY 2049	Physics with Calculus 2	4	Prerequisite: PHY 2048, PHY 2048L Corequisites: PHY 2049L and MAC 2312
	PHY 2049L	Physics with Calculus 2 Lab	1	Prerequisite: PHY 2048, PHY 2048L Corequisites: PHY 2049 and MAC 2312
	TOTAL CREDITS		12	
PROGRAM TOTAL			60	

AA Course Sequence Guide - Part-Time Enrollment
Atmospheric Science & Meteorology Pathway
Associate in Arts Degree | Code: 11903 | 60 Credits
Effective Term: Fall 2025 (2257)

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).
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033• •Students must seek advisement for proper mathematics course from discipline chairperson.
	PSC 1515	Energy in the Natural Environment	3	
TOTAL CREDITS			9	
Semester 2	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	SLS 1106	First Year Experience Seminar	1	
TOTAL CREDITS			7	
Semester 3	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC 1105
	MET 1010	Introduction to Weather	3	Pre/Corequisite: PSC 1515
	MET 1010L	Introduction to Weather Lab	1	Pre/Corequisite: MET 1010
TOTAL CREDITS			9	
Semester 4	HUM 1020	Humanities	3	
	MAC 2311 (C)	Calculus and Analytical Geometry 1	5	Prerequisites: MAC 1106 and MAC 1114, or MAC 1140 and MAC 1114, or MAC 1147 with a grade of "C" or better or departmental permission
	TOTAL CREDITS		8	
Semester 5	SPC 1017 (W)	Introduction to Communications	3	
	CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM1025 or a passing score on the CART exam, MAC 1105 Corequisite: CHM 1045L
	CHM 1045L	General Chemistry & Qualitative Analysis Lab	2	Prerequisite: MAC1105, CHM1025 or a passing score on the CART exam Corequisite: CHM 1045
TOTAL CREDITS			8	
Semester 6	PHY 2048	Physics with Calculus 1	4	Prerequisites: High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311 Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus 1 Lab	1	Prerequisites: MAC 2311 and [High School Physics or PHY 1025 or PHY 2053 and PHY 2053L] or Departmental Approval Corequisite: PHY 2048
	<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.
	TOTAL CREDITS		8	
Semester 7	PHI 2600 (W)	Introduction to Ethics	3	
	MAC 2312 (C)	Calculus and Analytical Geometry 2	4	Prerequisite: MAC 2311
	TOTAL CREDITS		7	
Semester 8	PHY 2049	Physics with Calculus 2	4	Prerequisite: PHY 2048, PHY 2048L Corequisites: PHY 2049L and MAC 2312
	PHY 2049L	Physics with Calculus 2 Lab	1	Prerequisite: PHY 2048, PHY 2048L Corequisites: PHY 2049 and MAC 2312
	TOTAL CREDITS		5	
PROGRAM TOTAL			60	

Notes: W = Writing Intensive Course
C = Computational Course