

AA Course Sequence Guide - Full-Time Enrollment
Biotechnology Pathway
Associate in Arts Degree | Code: 12207 | 60 Credits
Effective Term: Fall 2025 (2257)

SEMESTER	Course ID	Course Title	Credits	Pre/Corequisites
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	
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	<i>Computer Competency</i>	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 (W)
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	<i>Humanities</i>	ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)	3	Prerequisite for LIT 2000 (W): ENC 1101 (W)
	CHM 1025	Introductory Chemistry	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	CHM 1025L	Introductory Chemistry Lab	1	
	TOTAL CREDITS		13	
Semester 3	<i>Social Sciences</i>	AMH 2010, AMH 2020, ANT 2000, ANT 2410, CLP 1006, DEP 2000, ECO 2013 (W), ISS 1120, ISS 1161, POS 2041, PSY 2012, SYG 2000, WOH 2012, WOH 2022	3	Note: Check with an MDC advisor for requisite information.
	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: MAC 1105, CHM 1025 or a passing score on the CART exam Corequisite: CHM 1045
	BSC 2010	Principles of Biology I	3	Pre/Corequisite: BSC 2010 L, CHM 1045
	BSC 2010L	Principles of Biology I Lab	2	Corequisite: BSC 2010
	TOTAL CREDITS		13	
Semester 4	<i>Oral Communication</i>	ENC 2300 (W), LIT 2480 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for LIT 2480: ENC 1102 Prerequisite for SPC 2608: ENC 0025
	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisites: CHM 1045 Corequisite: CHM 1046L

Notes: W = Writing Intensive Course
C = Computational Course

	CHM 1046L	General Chemistry & Qualitative Analysis Lab	2	Prerequisites: CHM 1045, CHM 1045L Corequisite: CHM 1046
	BSC 2426	Biotechnology Methods & Applications I	3	Prerequisite: Previous knowledge of chemistry and biology strongly recommended Corequisite: BSC 2426L
	BSC 2426L	Biotechnology Methods & Applications I Lab	2	Prerequisite: Previous knowledge of chemistry and biology strongly recommended Corequisite: BSC 2426
	TOTAL CREDITS		13	
Semester 5	PHI 2600 (W)	Introduction to Ethics	3	
	BSC 2427	Biotechnology Methods & Applications II	3	Prerequisite: BSC 2426, BSC 2426L Corequisite: BSC 2427L
	BSC 2427L	Biotechnology Methods & Applications II Lab	2	Prerequisite: BSC 2426, BSC 2426L Corequisite: BSC 2427
	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
Biotechnology Pathway
Associate in Arts Degree | Code: 12207 | 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	
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	<i>Computer Competency</i>	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 (W)
	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 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 (W): ENC 1101 (W)
	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: MAC 1105, CHM 1025 or a passing score on the CART exam Corequisite: CHM 1045
	TOTAL CREDITS		8	
Semester 4	<i>Social Sciences</i>	AMH 2010, AMH 2020, ANT 2000, ANT 2410, CLP 1006, DEP 2000, ECO 2013 (W), ISS 1120, ISS 1161, 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	Prerequisites: CHM 1045 Corequisite: CHM 1046L
	CHM 1046L	General Chemistry & Qualitative Analysis Lab	2	Prerequisites: CHM 1045, CHM 1045L Corequisite: CHM 1046
	TOTAL CREDITS		8	
Semester 5	<i>Oral Communication</i>	ENC 2300 (W), LIT 2480 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for LIT 2480: ENC 1102 Prerequisite for SPC 2608: ENC 0025

Notes: W = Writing Intensive Course
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	BSC 2010	Principles of Biology I	3	Pre/Corequisite: BSC 2010 L, CHM 1045.
	BSC 2010L	Principles of Biology I Lab	2	Corequisite: BSC 2010
	TOTAL CREDITS		8	
Semester 6	PHI 2600 (W)	Introduction to Ethics	3	
	BSC 2426	Biotechnology Methods & Applications I	3	Prerequisite: Previous knowledge of chemistry and biology strongly recommended Corequisite: BSC 2426L
	BSC 2426L	Biotechnology Methods & Applications I Lab	2	Prerequisite: Previous knowledge of chemistry and biology strongly recommended Corequisite: BSC 2426
	TOTAL CREDITS		8	
Semester 7	BSC 2427	Biotechnology Methods & Applications II	3	Prerequisite: BSC 2426, BSC 2426L Corequisite: BSC 2427L
	BSC 2427L	Biotechnology Methods & Applications II Lab	2	Prerequisite: BSC 2426, BSC 2426L Corequisite: BSC 2427
	STA 2023 (C)	Statistical Methods	3	Prerequisite: MAT 1033 or MGF 1131
	TOTAL CREDITS		8	
PROGRAM TOTAL			60	