

COURSE SEQUENCE GUIDE | FULL-TIME ENROLLMENT
Health Sciences
Associate in Science | Code: 23081 | 60 credits
Effective Term: Fall 2024 (2247)
Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
ENC 1101	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).
MAC 1105	College Algebra	3	♦Students must seek advisement for proper mathematics course from discipline chairperson.
BSC 2085	Human Anatomy and Physiology 1	3	Pre/Corequisite: BSC 2085L
BSC 2085L	Human Anatomy and Physiology 1 Laboratory	1	Pre/Corequisite: BSC 2085
CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1025 or CART; Corequisites: CHM 1045L, MAC 1105
CHM 1045L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1025 or H.S. Chemistry; Corequisites: CHM 1045, MAC 1105
CCT ---OR--- CGS 1060	Computer Competency Test (CCT) ---OR--- Introduction to Computer Technology and Applications		Departmental Recommendation: Computer Skills Placement (CSP)
Semester Credits		15	

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites
BSC 2086	Human Anatomy & Physiology 2	3	Prerequisite: BSC 2085; Corequisite: BSC 2086L
BSC 2086L	Human Anatomy & Physiology 2 Laboratory	1	Prerequisite: BSC 2085, BSC 2085L; Corequisite: BSC 2086
CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisites: CHM 1045, MAC 1105; Corequisite: CHM 1046L
CHM 1046L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisites: CHM 1045, MAC 1105; Corequisite: CHM 1046
MCB 2010	Microbiology	3	Prerequisites: BSC 2010, BSC 2010L or BSC 2085, BSC 2085L, CHM 1033, CHM 1033L or CHM 1045, CHM 1045L Corequisite: MCB 2010L
MCB 2010	Microbiology Laboratory	2	Prerequisites: BSC 2010, BSC 2010L or BSC 2085, BSC 2085L, CHM 1033, CHM 1033L or CHM 1045, CHM 1045L Corequisite: MCB 2010
Semester Credits		14	

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites
PAS 1800C	Physical Diagnosis I	2	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, MCB 2010, MCB 2010L
PAS 1803	Clinical Anatomy and Physiology	2	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, MCB 2010, MCB 2010L
PAS 1831	Clinical Diagnostic Imaging	1	Prerequisites: BSC 2085, BSC 2085L, BSC 2086, BSC 2086L, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, MCB 2010, MCB 2010L
Social Science	AMH 2010, AMH 2020, POS 2041	3	
PAS 2936	Contemporary Issues for the PA	1	
HAS 2532	Medical Documentation in Health Care	1	
Semester Credits		10	

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites
PAS 1801C	Physical Diagnosis II	2	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936
PAS 1811C	Clinical Medicine 1 for PAS	5	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936

PAS 1812	Behavioral & Community Medicine 1 for PAS	1	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936
HUM 1020	Humanities	3	
Semester Credits		11	

Semester 5

Course ID	Course Title	Credits	Pre/Co-requisites
PAS 1813	Pathophysiological Basis of Disease 1	2	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936
PAS 1822L	Electrocardiography	1	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936
PAS 1823	Pharmacology I	4	Prerequisites: PAS 1800C, PAS 1803, PAS 1831, PAS 2936
PSY 2012	Introduction to Psychology	3	
	Semester Credits	10	
	Program Total	60	

Academic Pathway at MDC: The AS in Health Science is a pathway to the [BAS in Health Science - Physician Assistant Studies Concentration](#). To learn more about the courses listed see [College Catalog](#).