

Montgomery County Community College Course Equivalency Guide

Bioscience Technologies (Biotechnology, Cytotechnology, Medical Laboratory Sciences)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	2+2 BS Program	3+1 BS Program	3+2 Entry-Level BS/MS Program	Accelerated Professional MS Program
Biological or Chemical Sciences	16	16	20	20
Organic Chemistry – CHE261	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics – MAT170, MAT161, MAT190 or MAT131	3	3	3	3
English – ENG101 & ENG102 (or higher)	6	6	6	6
Electives	26	41	49	N/A
Total	55	70	82	33

Nursing – Prelicensure BSN

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIO131 & BIO132	8
General Chemistry – CHE121/122 or CHE151/152	8
Microbiology – BIO 140 or BIO 141	4
Mathematics (college algebra or higher) – MAT 161, MAT 162, MAT 170 or MAT190	3
Statistics – MAT131	3
English Composition – ENG101	3
English Elective – ENG102 (or higher)	3
Psychology, General – PSY101	3
Psychology, Developmental (or child) – PSY206 or PSY200	3
Psychology, Abnormal – PSY215	3
Sociology, Intro – SOC101	3
Nutrition – PEH206	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity)- any PHI course, ANT 100, 104 or 240, IDS 115, SOC 103, 224, 234, 244 or 254	6
Electives- Humanities, Arts, Social, or Natural Sciences	6
Total	59

Nursing – FACT & Accelerated Pathway to the MSN for 2nd Degree Non-Nurses

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIO131 & BIO132	8
General Chemistry – CHE121/122 or CHE151/152	8
Microbiology – BIO 140, 141	4
Statistics – MAT131	3
Nutrition – PEH206	3
Baccalaureate degree	39
Total	65

Nursing – RN-BSN, RN-BSN/MSN & Accelerated Pathway to the MSN for 2nd Degree RNs

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	RN-BSN & RN-BSN/MSN credits	Accelerated Pathway for RNs credits
Natural Sciences (Anatomy & Physiology and Microbiology)- BIO131, BIO132, BIO 140, 141	12	12
Statistics – MAT131	3	3
English – ENG101 & ENG102 (or higher)	6	N/A
Social Sciences (psychology and sociology) – SOC101 OR PSY101 (or higher)	9	N/A
Selective (logic, philosophy, ethics or critical thinking)	3	N/A
Electives	27	52
Total	60	67

Occupational Therapy

Prerequisite Requirements - Combined BS/MSOT in Occupational Therapy (Must earn a 'C' or better in all transferable coursework)	Combined BS/MS Credits	Entry-level Master's credits
Human Life Sciences (including lab) * Anatomy & Physiology I - BIO131 Anatomy & Physiology II - BIO132	4 4	4 4
Psychology Developmental or Lifespan (not one specific age level) – PSY206 Abnormal – PSY215	3 3	3 3
Social Sciences Sociology – SOC101 (or higher) Cultural and/or ethnic diversity course	3 3	3 3
English Composition (strongly recommended) – ENG101 English elective – ENG102 (or higher)	3 3	3 3
Mathematics Statistics – MAT131	3	3
Electives Humanities, Arts, Math, Social, or Natural Sciences	29	N/A
Total	58	29
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

Pharmacy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIO131 & BIO132	8
Biology – BIO151 & BIO152	8
General Chemistry – CHE151 & CHE152	8
Calculus – MAT190	3
Organic Chemistry – CHE261	8
Physics (at least algebra-based) – PHY121 & PHY122 or PHY151 & PHY152	8
Microbiology – BIO 140, 141	4
English composition – ENG101	3
Social Sciences- PSY or SOC courses	9
Humanities – languages, arts, literature, history, philosophy	9
Total	68

Physical Therapy

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIO131 & BIO132	8
Biology – BIO151 & BIO152	8
Chemistry – CHE151 & CHE152	8
Physics- PHYS121 & PHY122 or PHYS151 & PHYS152	8
Statistics – MAT131	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – MAT170, MAT161, or MAT190	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) – ENG101, PHI 100 (or higher)	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) – PSY101, PSY215 or PSY206	9
Total	56

Radiologic Sciences

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Medical Dosimetry Credits	Nuclear Medicine Credits	All other RS Programs Credits
Anatomy & Physiology – BIO131 & BIO132	8	8	8
College Physics PHYS121 or PHYS122	8	8	4
College Chemistry – CHE151 & CHE152	N/A	8	N/A
College Algebra, Trigonometry, Precalculus, or Calculus – MAT170, MAT161, MAT 162 or MAT190	6	6	6
Statistics- MAT 131	3	3	3
English – ENG101 and higher	6	6	6
Medical Terminology – HCP224	3	3	3
Electives (Arts, humanities, social sciences, etc.)	16	8	20
Total	50	50	50