

Middlesex County 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 credits	3+1 BS Program credits	3+2 Entry-Level BS/MS Program credits	Accelerated Professional MS Program credits
Biological or Chemical Sciences	16	16	20	20
Organic Chemistry - CHM 223/224	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics - MAT 109, 112, 123, 124, 129, 131	3	3	3	3
English – ENG 121 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 – BIO 111/112	8
Microbiology – BIO 211 or 221	4
General Chemistry I – CHM 117, 119, 123	4
General Chemistry II or Biochemistry – CHM 118, 120, 124, 202	4
Mathematics (college algebra or higher) – MAT 109, 112, 129, 131	3
Statistics – MAT 123, 124, 285	3
English Composition – ENG 121	3
English Elective – ENG 122 or higher	3
Psychology, General – PSY 123	3
Psychology, Developmental (or child) – PSY 223	3
Psychology, Abnormal – PSY 235	3
Sociology – SOC 121	3
Nutrition – HED 205	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – PHI 121 or higher, SOC 123, 131, 205, 223, 224	6
Electives (Arts, humanities, religion, history, etc)	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 – BIO 111/112	8
Microbiology – BIO 211 or 221	4
General Chemistry – CHM 117/118, 119/120, 123/124, 202	8
Statistics – MAT 123, 124, 285	3
Nutrition – HED 205	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) – BIO 111/112, 211 or 221	12	12
Statistics – MAT 123, 124, 285	3	3
English – ENG 121 or higher	6	N/A
Social Sciences (psychology and sociology) – PSY 123 or higher, SOC 121 or higher	9	N/A
Selective (logic, philosophy, ethics or critical thinking) – PHI 121 or higher	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 - BIO 111 Anatomy & Physiology II - BIO 112	4 4	4 4
Psychology Developmental or Lifespan (not one specific age level) – PSY 223 Abnormal - PSY 235	3 3	3 3
Social Sciences Sociology – SOCL 101 Cultural and/or ethnic diversity course – ANTH 103, SOCL 110	3 3	3 3
English Composition (strongly recommended) – ENG 121 English elective – ENGL 122 or higher	3 3	3 3
Mathematics Statistics – MAT 123, 124, 285	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 – BIO 111/112	8
General Biology – BIO 117/118 or BIO 123/124	8
General Chemistry – CHM 117/118, 119/120 or 123/124	8
Calculus – MAT 112, 131, 132, 233	3
Organic Chemistry – CHM 223/224	8
Physics – PHY 115/116 or 121/122 or 131/132	8
Microbiology – BIO 211 or 221	4
English Composition – ENG 121	3
Social Sciences – PSY 123 or higher; SOC 121 or higher	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 – BIO 111/112	8
Biology – BIO 117/118 or BIO 123/124	8
Chemistry – CHM 117/118 or 123/124	8
Physics – PHY 115/116 or 121/122 or 131/132	8
Statistics – MAT 123, 124, 285	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – MAT 109, 112, 129, 131, 132	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) – ENG 121; PHI 121 or higher	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) – PSY 235, 123, 223; SOC 123	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 – BIO 111/112	8	8	8
College Physics - PHY 115/116 or 121/122 or 131/132	8	8	4
College Chemistry - CHM 117/118 or 123/124	N/A	8	N/A
College Algebra, Trigonometry, Precalculus, or Calculus – MAT 109, 112, 129, 131, 132	6	6	6
Statistics- MAT 123, 124, 285	3	3	3
English Composition – ENG 121	3	3	3
English Elective- ENG 122 and higher	3	3	3
Medical Terminology – (<i>no course # available</i>)	3	3	3
Electives (Arts, humanities, social sciences, etc.)	16	8	20
Total	50	50	50