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Middlesex County College
Course Equivalency Guide

Couple and Family Therapy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**Credits**
Psychology, General – **PSY 123**	3
Abnormal Psychology- **PSY 235**	3
Statistics **– MAT 123, 124, 285**	3
Total	**9**

Medical Laboratory Sciences & Biotechnology (Biotechnology, Cytotechnology, Medical Laboratory Science)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**2 Yr BS Program credits**	**1 Yr BS Program credits**	**2 Yr Combined BS/MS Program credits**	**Professional MS (1 & 2 Yr) Program credits**
Biology I w/ lab- **BIOL 117 or 123**	**4**	**4**	**4**	**4**
Biology II w/ lab- **BIOL 118 or 124**	**4**	**4**	**4**	**4**
Chemistry I w/ lab- **CHM 117 or 121/125**	**4**	**4**	**4**	**4**
Chemistry II w/ lab- **CHM 118 or 122/126**	**4**	**4**	**4**	**4**
Anatomy & Physiology I w/ lab- **BIO 111**	**4**	**4**	**4**	**4**
Anatomy & Physiology II w/ lab- **BIO 112**	**4**	**4**	**4**	**4**
Organic Chemistry w/ lab- **CHM 221/227**	**4**	**4**	**4**	**4**
Statistics- **MAT 123, 124, 285**	3	3	3	3
English**- ENG 121 & higher (Must be writing intensive)**	6	6	6	6
Electives	18	33	45	*Bachelor's Degree
Total	**55**	**70**	**82**	**37**

Nursing: FACT-1 Year & FACT-2 Year (second degree seekers)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**Credits**
Anatomy & Physiology **– BIO 111 & 112**	8
Microbiology **– BIO 221 (preferred) or 211**	4
General Chemistry **– CHM 117 & 118 or 121/122 & 125/126, 202**	8
Statistics **– MAT 123, 124, 285**	3
Nutrition **– HCD 105**	3
Electives – **any 3 or 4 credit theory-based courses**	39
Total	**65**

Nursing – Prelicensure BSN

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**Credits**
Anatomy & Physiology **– BIO 111/112**	8
Microbiology **– BIO 221 (preferred) or 211**	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 **– HCD 105**	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) **– PHI 121 or higher, SOC 123, 131, 205, 223, 224**	6
Electives (social sciences natural sciences, humanities, etc)	6
Total	**59**

Occupational Therapy

Prerequisite Requirements (Must earn a 'C' or better in all transferable coursework)	**Combined BSMS Credits**	**Entry-level Master's & Doctorate (OTD) credits**
Anatomy & Physiology - **BIO 111 & 112**	8	8
Developmental or Lifespan Psychology- **PSY 223**	3	3
Abnormal Psychology- **PSY 235**	3	3
Sociology- **Any SOC course**	3	3
Cultural Anthropology- **SOC 25, COMM 115**	3	3
English/Writing- **Any ENG courses**	6	6
Statistics- **MAT 123, 124, 285**	3	3
Electives- Humanities, Arts, Math, Social, or Natural Sciences	29	0
Total	**58**	**29**
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

Perfusion and Extracorporeal Technology

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**Credits**
Biology I w/lab – **BIO 117/118**	4
Biology II w/lab – **BIO 123/124**	4
Chemistry I w/lab – **CHM 117 or 121/125**	4
Chemistry II w/lab – **CHM 118 or 122/126**	4
Physics I w/lab – **PHY 123/125**	4
College level Math (Recommended: Calculus or Statistics) **– MAT 131, 123, 124 or 285**	3
Total	**23**

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 or 121/125 and 122-126**	8
Calculus **– MAT 131**	3
Organic Chemistry **– CHM 221/227 and 222/228**	8
Physics – **PHY 123/125 and 124/126**	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 121/125 and 122-126**	8
Physics - **PHY 123/125 and 124/126**	8
Statistics – **MAT 123 or 124**	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – **MAT 116, 129, 131, or 210**	3
English Composition/Writing – **ENG 121 or higher**	6
Philosophy/Ethics – **Any PHI course**	3
Psychology (Introduction, Developmental, Child, Abnormal, or Health Psychology) – **PSY 123, 223, 232, or 235**	6
Sociology/Cultural course – **Any SOC course**	3
Total	**56**

Physician Assistant Studies

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**Credits**
Biology I w/ lab- **BIOL 117 or 123**	**4**
Biology II w/ lab- **BIOL 118 or 124**	**4**
Chemistry I w/ lab- **CHM 117 or 121/125**	**4**
Chemistry II w/ lab- **CHM 118 or 122/126**	**4**
Anatomy & Physiology I w/ lab- **BIO 111**	**4**
Anatomy & Physiology II w/ lab- **BIO 112**	**4**
Microbiology **– BIO 211 or 221**	**4**
Statistics- **MAT 123, 124, 285**	3
Psychology**– PSY 123 or higher**	3
	*Bachelor's Degree
Total	**34**

Radiologic Sciences

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	**All Concentrations/Nuclear Medicine**
Anatomy & Physiology **– BIO 111/112**	8/8
College Physics **- PHY 115/116 or 121/122 or 131/132**	8/8
College Chemistry **- CHM 117/118 or 123/124**	4/8
College Algebra, Trigonometry, Precalculus, or Calculus **– MAT 109, 112, 129, 131, 132**	6/6
Statistics- **MAT 123, 124, 285**	3/3
English Composition **– ENG 121**	6/6
English Elective- **ENG 122 and higher**	3/3
Medical Terminology **– (*no course # available*)**	12/8
Electives (Arts, humanities, social sciences, etc.)	50
Total	3/3