

Villanova University

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 – ANY BIO and CHM COURSES	16	16	20	20
Organic Chemistry – CHM 2211 and 2201	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics – MAT 1210 or HIGHER	3	3	3	3
English – ANY ENG COURSES	6	6	6	6
Electives – ANY 3 or 4 CREDIT COURSES	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 1205 and 1206 or BIO 3055 and 3155	8
Microbiology – BIO 1181	4
General Chemistry I – CHM 1131- 1103	4
General Chemistry II or Biochemistry – CHM 1134 - 1108	4
Mathematics (college algebra or higher) – MAT 1210 or HIGHER	3
Statistics – MAT 1230 or MAT 1250	3
English Composition – ENG 1010	3
English Elective – ANY ENG COURSE	3
Psychology, General – PSY 1000	3
Psychology, Developmental (or child) – PSY 2200	3
Psychology, Abnormal – PSY 5500	3
Sociology – SOC 1000	3
Nutrition – NTR 2120	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – ANY PHI COURSES AND OR SOC 2100 or SOC 3600	6
Electives – ANY 3 or 4 CREDIT COURSES	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 1205 and 1206 or BIO 3055 and 3155	8
Microbiology – BIO 1181	4
General Chemistry – CHM 1131 - 1103 AND CHM 1134 - 1108	8
Statistics – MAT 1230 or MAT 1250	3
Nutrition – NTR 2120	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 1205 and 1206 or BIO 3055 and 3155 AND BIO 1181	12	12
Statistics – MAT 1230 or MAT 1250	3	3
English – ANY ENG COURSES	6	N/A
Social Sciences (psychology and sociology) – ANY PSY OR SOC COURSES	9	N/A
Selective (logic, philosophy, ethics or critical thinking) – ANY PHI COURSES	3	N/A
Electives – ANY 3 or 4 CREDIT COURSES	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 1205 or 3055 Anatomy & Physiology II - BIO 1206 or 3155	4 4	4 4
Psychology Developmental or Lifespan (not one specific age level) – PSY 2200 Abnormal – PSY 5500	3 3	3 3
Social Sciences Sociology – SOC 1000 Cultural and/or ethnic diversity course – SOC 2100 or SOC 3600 or THL 3100	3 3	3 3
English Composition (strongly recommended) – ENG 1010 English elective – ANY ENG COURSE	3 3	3 3
Mathematics Statistics – MAT 1230 or MAT 1250	3	3
Electives Humanities, Arts, Math, Social, or Natural Sciences – ANY 3 or 4 CREDIT COURSES	29	
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 3055 and 3155	8
Biology – BIO 2105 and 2106	8
General Chemistry – CHM 1151 - 1103 AND CHM 1152 - 1104	8
Calculus – MAT 1310	3
Organic Chemistry – CHM 2211 – 2201 and CHM 2212 - 2202	8
Physics (at least algebra-based) – PHY 1100-1101 and PHY 1102-1103	8
Microbiology – BIO 3595	4
English composition – ENG 1010 and ANY ENG COURSE	6
Social Sciences – ANY PSY OR SOC COURSES	9
Humanities – ANY PHI or ADDITIONAL ENG COURSES	9
Total	68

Physical Therapy

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology - BIO 3055 and 3155	8
Biology – BIO 2105 and 2106	8
Chemistry – CHM 1151 - 1103 AND CHM 1152 - 1104	8
Physics – PHY 1100-1101 and PHY 1102-1103	8
Statistics – MAT 1230 or MAT 1250	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – MAT 1310 or HIGHER	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) – ENG 1010 and ANY OTHER ENG COURSE and ANY PHI COURSE	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) – ANY PSY or SOC COURSES	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 (for science majors) - BIO 3055 and 3155	8	8	8
College Physics (at least algebra-based) – PHY 1100-1101 and PHY 1102-1103	8	8	4
College Chemistry (for science majors) – CHM 1151 - 1103 AND CHM 1152 - 1104	N/A	8	N/A
College Algebra, Trigonometry, Precalculus, or Calculus – MAT 1210 or HIGHER	6	6	6
Statistics	3	3	3
English Electives – ENG Comp I COURSES	6	6	6
Medical Terminology	3	3	3
Electives (Arts, humanities, social sciences, etc.) ANY 3 or 4 CREDIT COURSES	16	8	20
Total	50	50	50