

## Juniata 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 – CH 105	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics – MA 100 or higher	3	3	3	3
English – EN 110 or higher	6	6	6	6
Electives	26	41	49	N/A
<b>Total</b>	<b>55</b>	<b>70</b>	<b>82</b>	<b>33</b>

### Nursing – Prelicensure BSN

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BI 367, 368 & BI 310	8
Microbiology – BI 331, 332	4
General Chemistry I – CH 105, 122	4
General Chemistry II or Biochemistry – CH 106, 122 or CH 301	4
Mathematics (college algebra or higher) – MA 100 or higher	3
Statistics – MA 220, BI 305, PY 214	3
English Composition - EN 110	3
English Elective – EN 120 or higher	3
Psychology, General – PY 101	3
Psychology, Developmental (or child) – PY 201	3
Psychology, Abnormal – PY 203	3
Sociology – SO 101	3
Nutrition – BI 290	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – PL 101 or higher, SO 203, AN 234, AN 151, AN 351	6
Electives	6
<b>Total</b>	<b>59</b>

## Nursing – FACT & Accelerated Pathway to the MSN for 2<sup>nd</sup> Degree Non-Nurses

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology - <b>BI 367, 368 &amp; BI 310</b>	8
Microbiology - <b>BI 331, 332</b>	4
General Chemistry - <b>CH 105, 122, CH 106, 122 or CH 301</b>	8
Statistics - <b>MA 220, BI 305, PY 214</b>	3
Nutrition – <b>BI 290</b>	3
Baccalaureate degree	39
<b>Total</b>	<b>65</b>

## Nursing – RN-BSN, RN-BSN/MSN & Accelerated Pathway to the MSN for 2<sup>nd</sup> 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)- <b>BI 367, 368 &amp; BI 310, &amp; BI 331, 332</b>	12	12
Statistics - <b>MA 220, BI 305, PY 214</b>	3	3
English - <b>EN 110, EN 120 or higher</b>	6	N/A
Social Sciences (psychology and sociology – <b>PY 101 or higher, SO 101 or higher</b>	9	N/A
Selective (logic, philosophy, ethics or critical thinking) - <b>PL 101 or higher, SO 203, AN 234, AN 151, AN 351</b>	3	N/A
Electives	27	52
<b>Total</b>	<b>60</b>	<b>67</b>

## Occupational Therapy

<b>Prerequisite Requirements - Combined BS/MSOT in Occupational Therapy</b> (Must earn a 'C' or better in all transferable coursework)	<b>Combined BS/MS Credits</b>	<b>Entry-level Master's credits</b>
<b>Human Life Sciences (including lab) *</b> Anatomy & Physiology I - <b>BI 367, 368</b> Anatomy & Physiology II - <b>BI 310</b>	4 4	4 4
<b>Psychology</b> Developmental or Lifespan (not one specific age level) Abnormal - <b>PY 201, PY 203</b>	3 3	3 3
<b>Social Sciences</b> Sociology - <b>SO 101 or higher</b> Cultural and/or ethnic diversity course - <b>SO 203, AN 151 AN 351, AN 234</b>	3 3	3 3
<b>English</b> Composition (strongly recommended) - <b>EN 110</b> English elective- <b>EN 120 or higher</b>	3 3	3 3
<b>Mathematics</b> Statistics - <b>MA 220, BI 305, PY 214</b>	3	3
<b>Electives</b> Humanities, Arts, Math, Social, or Natural Sciences	29	
<b>Total</b>	<b>58</b>	
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

## Pharmacy

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology - <b>BI 367, 368 &amp; BI 310</b>	8
Biology – <b>BI 111, 113 &amp; BI 121, 122</b>	8
General Chemistry - <b>CH 105, 122, CH 106, 122 or CH 301</b>	8
Calculus – <b>MA 130</b>	3
Organic Chemistry - <b>CH 105</b>	8
Physics (at least algebra-based) – <b>PC 200, 2001 &amp; PC 206, 207</b>	8
Microbiology - <b>BI 331, 332</b>	4
English composition – <b>EN 110</b>	3
Social Sciences - <b>PY 101 or higher, SO 101 or higher</b>	9
Humanities – <b>languages, arts, literature, history, philosophy</b>	9
<b>Total</b>	<b>68</b>

## Physical Therapy

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology - <b>BI 367, 368 &amp; BI 310</b>	8
Biology - <b>BI 111, 113 &amp; BI 121, 122</b>	8
Chemistry - <b>CH 105, 122, CH 106, 122 or CH 301</b>	8
Physics - <b>PC 200, 2001 &amp; PC 206, 207</b>	8
Statistics - <b>MA 220, BI 305, PY 214</b>	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – <b>MA 100 or higher</b>	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) <b>EN 110, PL 101, PL 106</b>	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) <b>PY 101, PY 203, PY 201</b>	9
<b>Total</b>	<b>56</b>

## 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) - <b>BI 367, 368 &amp; BI 310</b>	8	8	8
College Physics (at least algebra-based)- <b>PC 200, 2001 PC 206, 207</b>	8	8	4
College Chemistry (for science majors) - <b>CH 105, 122, CH 106, 122 or CH 301</b>	N/A	8	N/A
College Algebra, Trigonometry, Precalculus, or Calculus - <b>MA 100 or higher</b>	6	6	6
Statistics	3	3	3
English Electives - <b>EN 110 and higher</b>	6	6	6
Medical Terminology – n/a	3	3	3
Electives (Arts, humanities, social sciences, etc.)	16	8	20
<b>Total</b>	<b>50</b>	<b>50</b>	<b>50</b>