

**Shippensburg University  
Course Equivalency Guide**

**Couple and Family Therapy**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Psychology, General – <b>PSY 101</b>	3
Abnormal Psychology- <b>PSY 330</b>	3
Statistics – <b>MAT 170 or PSY 105</b>	3
<b>Total</b>	<b>9</b>

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

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>2 Yr BS Program credits</b>	<b>1 Yr BS Program credits</b>	<b>2 Yr Combined BS/MS Program credits</b>	<b>Professional MS (1 &amp; 2 Yr) Program credits</b>
Biology I w/ lab- <b>BIO 161</b>	4	4	4	4
Biology II w/ lab- <b>BIO 162</b>	4	4	4	4
Chemistry I w/ lab- <b>CHM 121/125</b>	4	4	4	4
Chemistry II w/ lab- <b>CHM 122/126</b>	4	4	4	4
Anatomy & Physiology I w/ lab- <b>BIO 350 or 237</b>	4	4	4	4
Anatomy & Physiology II w/ lab- <b>BIO 371 or 238</b>	4	4	4	4
Organic Chemistry w/ lab- <b>CHM 221/225</b>	4	4	4	4
Statistics- <b>MAT 170 or PSY 105</b>	3	3	3	3
English- <b>ENG 101 &amp; higher (Must be writing intensive)</b>	6	6	6	6
Electives	18	33	45	*Bachelor's Degree
<b>Total</b>	<b>55</b>	<b>70</b>	<b>82</b>	<b>37</b>

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

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology – <b>BIO 350 and 371 or 237 and 238</b>	8
Microbiology – <b>BIO 220</b>	4
General Chemistry – <b>CHM 121/125 and 122/126</b>	8
Statistics – <b>MAT 170 or PSY 105</b>	3
Nutrition – <b>ESC 350</b>	3
Electives – <b>any 3 or 4 credit theory-based courses</b>	39
<b>Total</b>	<b>65</b>

**Nursing: Prelicensure BSN**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology - <b>BIO 350 and 371 or 237 and 238</b>	8
Microbiology - <b>BIO 220</b>	4
General Chemistry I – <b>CHM 121 and 125</b>	4
General Chemistry II or Biochemistry – <b>CHM 122 and 126 OR CHM 301</b>	4
Statistics – <b>MAT 170 or PSY 105</b>	3
College Algebra or higher- <b>MAT 140 or higher</b>	3
English Composition – <b>ENG 101, 106, 108 or 114</b>	3
English Elective – <b>any ENG course</b>	3
Psychology, General – <b>PSY 101</b>	3
Psychology, Developmental (or child) – <b>PSY 265 or 250</b>	3
Psychology, Abnormal - <b>PSY 330</b>	3
Sociology – <b>SOC 101</b>	3
Nutrition – <b>ESC 350</b>	3
Ethics – <b>PHL 105</b>	3
Selective (logic, philosophy, ethics, critical thinking) – <b>ANY PHL COURSES</b>	3
Electives (social sciences natural sciences, humanities, etc)	6
<b>Total</b>	<b>59</b>

### 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 - <b>BIO 350 &amp; BIO 371 or 237 and 238</b>	8	8
Developmental or Lifespan Psychology- <b>PSY 265 and 352 or PSY 250</b>	3	3
Abnormal Psychology- <b>PSY 330</b>	3	3
Sociology- <b>Any SOC course</b>	3	3
Cultural Anthropology- <b>ANT 111</b>	3	3
English/Writing- <b>Any ENG courses</b>	6	6
Statistics- <b>MAT 170 or PSY 105</b>	3	3
<b>Electives-</b> Humanities, Arts, Math, Social, or Natural Sciences	29	0
<b>Total</b>	<b>58</b>	<b>29</b>
*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 – <b>BIO 161</b>	4
Biology II w/lab – <b>BIO 162</b>	4
Chemistry I w/lab – <b>CHM 121-125</b>	4
Chemistry II w/lab – <b>CHM 122-126</b>	4
Physics I w/lab – <b>PHY 121-123</b>	4
College level Math (Recommended: Calculus or Statistics) – <b>MTH 211 or 170</b>	3
<b>Total</b>	<b>23</b>

**Pharmacy**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology - <b>BIO 350 and 371 or 237 and 238</b>	8
Biology – <b>BIO 161 and 162</b>	8
General Chemistry – <b>CHM 121-125 and 122 - 126</b>	8
Calculus – <b>MTH 211</b>	3
Organic Chemistry – <b>CHM 221 and 225 and 222 and 226</b>	8
Physics (at least algebra-based) – <b>PHY 121-123 and 122 – 125</b>	8
Microbiology - <b>BIO 220</b>	4
English composition – <b>ENG 101 or higher</b>	6
Social Sciences – <b>ANY PSY AND OR SOC COURSES</b>	9
Humanities – <b>ANY ENG AND OR PHL COURSES</b>	9
<b>Total</b>	<b>68</b>

**Physical Therapy**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Anatomy & Physiology – <b>BIO 350 and 371 or 237 and 238</b>	8
Biology – <b>BIO 161 and 162</b>	8
Chemistry – <b>CHM 121-125 and 122 - 126</b>	8
Physics – <b>PHY 121-123 and 122 - 125</b>	8
Statistics - <b>MAT 170 or PSY 105</b>	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) <b>MAT 140, 175 or 211</b>	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) – <b>ANY TWO ENG COURSES and ANY PHL COURSE</b>	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) - <b>PSY 265 or 352 or PSY 250 AND 330 and SOC 101, SOC 241, 243, 351 or ANT 111</b>	9
<b>Total</b>	<b>56</b>

**Physician Assistant Studies**

<b>Prerequisite Requirements</b> -(Must earn a 'C' or better in all transferable coursework)	<b>Credits</b>
Biology I w/ lab- <b>BIO 161</b>	<b>4</b>
Biology II w/ lab- <b>BIO 162</b>	<b>4</b>
Chemistry I w/ lab- <b>CHM 121/125</b>	<b>4</b>
Chemistry II w/ lab- <b>CHM 122/126</b>	<b>4</b>
Anatomy & Physiology I w/ lab- <b>BIO 350 or 237</b>	<b>4</b>
Anatomy & Physiology II w/ lab- <b>BIO 371 or 238</b>	<b>4</b>
Microbiology - <b>BIO 220</b>	<b>4</b>
Statistics- <b>MAT 170 or PSY 105</b>	3
Psychology-- <b>PSY 101 or higher</b>	3
	*Bachelor's Degree
<b>Total</b>	<b>34</b>

**Radiologic Sciences**

<b>Prerequisite Requirements</b>	<b>All Other Programs</b>	<b>Medical Dosimetry</b>	<b>Nuclear Medicine</b>
Anatomy & Physiology I w/ Lab – <b>BIO 350 or 237</b>	4	4	4
Anatomy & Physiology II w/ Lab – <b>BIO 371 or 238</b>	4	4	4
Physics I w/Lab – <b>PHY 121-123</b>	4	4	4
Physics II w/Lab - <b>PHY 122 - 125</b>	4	4	4
College Chemistry I w/ Lab – <b>CHM 121-125</b>	4	4	4
College Chemistry II w/ Lab – <b>CHM 122-126</b>	N/A	N/A	4
Biology I w/Lab – <b>BIO 161</b>	N/A	4	N/A
Pre-Calculus – <b>MAT 175</b>	3	3	3
Statistics – <b>MAT 170 or PSY 105</b>	3	3	3
Medical Terminology -	3	3	3
English Composition – <b>ENG 101</b>	3	3	3
English Elective – <b>ENG 102 or Higher</b>	3	3	3
Electives (Arts, humanities, social sciences, etc.)	15	11	11
<b>Total</b>	<b>50</b>	<b>50</b>	<b>50</b>