

## Curricular Outlines

### Pre-Physical Therapy Curriculum Suggested Curriculum Sequence for BS

#### First Year

Fall	Hrs.	Spring	Hrs.
BIO 099 Freshman Orientation	1	BIO 221 <sup>K,B</sup> Zoology: Animal Form & Function <b>or</b> BIO 222 Botany: Plant Form and Function	4
BIO 116 Biological Inquiry & Analysis	4	CHE 202 <sup>K,B</sup> College General Chemistry & Qualitative Analysis	5
BIO 115 The Cellular Basis of Life	3	ENG 102 <sup>K</sup> Composition & Research	3
CHE 201 <sup>K,B</sup> General College Chemistry	5	PSY 180 <sup>K,B</sup> General Psychology	3
ENG 101 <sup>K</sup> Composition	3		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>

#### Second Year

Fall	Hrs.	Spring	Hrs.
BIO 120 <sup>K</sup> Scientific Etymology	1	BIO 220 <sup>K</sup> Clinical Terminology	1
BIO 221 <sup>K</sup> Zoology: Animal Form & Function <b>or</b>		BIO 300 Microbiology	4
BIO 222 Botany: Plant Form & Function	4	CHE 320 Organic Chemistry II	3
CHE 312 Organic Chemistry I & Lab	5	PSY 260 <sup>K,B</sup> Lifespan Development	3
MAT 150 <sup>B</sup> Algebra & Trigonometry	5	MAT 250 Calculus & Analytic Geometry (recommended)	5
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

#### Third Year

Fall	Hrs.	Spring	Hrs.
BIO 322 <sup>B</sup> Animal Physiology	4	BIO 320 <sup>K,B</sup> Comparative Vertebrate Anatomy	5
MAT 135 <sup>K,B</sup> Introduction to Probability & Statistics <b>or</b> PSY 300 Principals & Methods of Statistical Analysis	3-4	CIV 102 World Civilizations & Cultures II	3
CIV 101 World Civilizations & Cultures I	3	PHY 132/133 <sup>K,B</sup> General Physics II w/lab	4
PHY 130/131 <sup>KB</sup> General Physics I w/lab	4	COM 161 <sup>K</sup> Introduction to Public Speaking	3
<b>Total</b>	<b>14-15</b>	<b>Total</b>	<b>15</b>

#### Fourth Year

Fall	Hrs.	Spring	Hrs.
BIO 333 Genetics	4	CHE 330 Basic Biochemistry	3
BIO 450 <sup>KB</sup> Exercise Physiology	3	BIO 449 Senior Seminar	1
HUM 211 <sup>K</sup> The Western Humanities Tradition	3	BIO 330 Ecology (recommended)	4
SOC 133 Introduction to Sociology	3	Unrestricted Electives	6
University Studies Elective (Humanities & Fine Arts) (PHI 201 Philosophy)	3		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>14</b>

Total curriculum requirement needed to graduate: 121 hours (minimum)

<sup>K</sup> Courses meet the prerequisite requirements for application to the physical therapy program at the University of Kentucky. The University of Kentucky will award bonus points to your application for taking BIO 320.

<sup>B</sup> Courses meet the prerequisite requirements for application to the physical therapy program at Bellarmine University in Kentucky. Recommended courses are English Literature and Theology. Additional courses are required if an applicant does not complete the Bachelor's degree.

NOTE: Students in the pre-physical therapy program must obtain 100-200+ hours of experience as an aid or volunteer in a physical therapy department in addition to the above requirements.

NOTE: Students applying to the University of Kentucky must also have two years of a foreign language in a secondary school as indicated on transcripts or two semesters of a foreign language in college.

NOTE: Most physical therapy programs require certification in CPR and First Aid and recommend or require that these requirements be completed before entering their program.

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