

## CLARKE UNIVERSITY DPT 6 YEAR CURRICULUM FOR BS BIOLOGY MAJORS

(This is an example. Not all Compass courses are listed or noted.)

### YEAR 1

FALL	COURSE TITLE	CREDITS
PT 101	Intro to Physical Therapy	2
CMPS 101	Compass Navigator	1
CMPS 110	Compass Seminar I	3
BIOL 115	Fundamentals of Cell Biology & Genetics	4
CHEM 110	General Chemistry I*	4
MATH 225	Calculus*	4
<b>TOTAL</b>		<b>18</b>

SPRING	COURSE TITLE	CREDITS
CMPS 111	Compass Seminar II	3
BIOL 116	Ecology, Evolution and Diversity	4
CHEM 111	General Chemistry II	4
	Compass Course	3
	Compass Course (if needed)	3
<b>TOTAL</b>		<b>15-18</b>

### YEAR 2

FALL	COURSE TITLE	CREDITS
BIOL 211	Human Anatomy & Physiology I**	4
CHEM 221	Organic Chemistry I	4
	Compass Course	3
	Compass Course	3
	Compass Course	3
<b>TOTAL</b>		<b>17</b>

SPRING	COURSE TITLE	CREDITS
BIOL 270	Genetics	4
BIOL 212	Human Anatomy & Physiology II**	4
CHEM 222	Organic Chemistry II	4
	Compass Course	3
<b>TOTAL</b>		<b>15</b>

### YEAR 3

FALL	COURSE TITLE	CREDITS
BIOL 385	Scientific Information	1
BIOL 420	Human Physiology**	4
PHYS 110	Elements of Physics I*	4
	Compass Course	3
	Compass Course	3
<b>TOTAL</b>		<b>15</b>

SPRING	COURSE TITLE	CREDITS
BIOL 486	Biological Research	3
BIOL 425	Exercise Physiology**	4
PHYS 111	Elements of Physics II	4
	Compass Course	3
	Compass Course (if needed)	3
<b>TOTAL</b>		<b>14-17</b>

COURSE	PREREQUISITES*
CHEM 110	General Chemistry I (ACT Math sub score of 22 or higher or successful completion of MATH 090 (Intermediate Algebra) or equivalent)
MATH 225	Calculus I Prerequisite: (Four years of high school mathematics or equivalent or MATH 117 (Precalculus with Algebra))
PHYS 110	Elements of Physics I (MATH 117 (Precalculus with Algebra) or equivalent or consent)

Apply to DPT Program by November 1st of your Junior Year

\*\* Counts as a Biology Major elective.

COURSE	REQUIRED SUPPORTING COURSES
PSYC 111	Introductory Psychology
PSYC	Psychology Elective
CMPS 450	Compass Seminar III

## PHYSICAL THERAPY PREREQUISITES

### Courses:

- Biology (4 hours)
- Human A&P I + II (8 hours)
- General Chemistry I + II (8 hours)
- Elements of Physics I + II (8 hours)
- Psychology (6 hours)
- Ethics Course (3 hours) recommended
- Math (if required for Physics)

### Minimum Requirements (All Candidates):

- 3.0 Cumulative Collegiate GPA
- 3.0 Prerequisite GPA
- 30 hours of PT Observation (across 3 PT settings)
- Essay
- Competitive GRE (Graduate Record Exam)
- 3 Letters of Recommendation
- No more than 2 re-take courses

### Early Assurance Admissions Requirements (Clarke Undergraduates Only):

- 3.3 Cumulative Collegiate GPA
- 3.3 Prerequisite Science GPA
- No more than 2 re-take courses
- Competitive GRE Score
- 3 "highly recommend" Letters of Recommendation
- 30 hours of PT Observation (across 3 PT settings)
- Essay
- First time PT applicant

## YEAR 4/DPT YEAR 1 - BEGINNING OF THE DOCTOR OF PHYSICAL THERAPY PROGRAM

FALL	COURSE TITLE	CREDITS
BIOL 410	Human Gross Anatomy**	4
DPT 514	Functional Anatomy & Biomechanics	3
DPT 515	Issues in Health Care	2
DPT 518	Physical Agents	3
BIOL 499	Capstone: Biology Seminar	1
<b>TOTAL</b>		<b>13</b>

SPRING	COURSE TITLE	CREDITS
BIOL 445	Neuroscience**	4
DPT 524	Patient Care	3
DPT 526	Intro to PT Exam & Intervention	4
DPT 528	Therapeutic Exercise	2
DPT 529	Clinical Practicum I	1
<b>TOTAL</b>		<b>14</b>

\*\* Counts as a Biology Major elective.

## YEAR 5/DPT YEAR 2

Summer - DPT 631 Clinical Education Experience I (Total 8 weeks) - 8 Credits

FALL	COURSE TITLE	CREDITS
DPT 612	Pathophysiology	3
DPT 613	Neuromuscular PT I	4
DPT 614	Musculoskeletal PT I	4
DPT 615	Education & Consulting in PT	2
DPT 617	Biostatistics & Research Methods	3
DPT 619	Clinical Practicum II	1
<b>TOTAL</b>		<b>17</b>

SPRING	COURSE TITLE	CREDITS
DPT 620	Integumentary PT	1
DPT 621	Pharmacology	2
DPT 623	Neuromuscular PT II	4
DPT 624	Musculoskeletal PT II	4
DPT 625	PT Management I	3
DPT 626	Cardiopulmonary PT	2
DPT 629	Clinical Practicum III	1
DPT 632	Clinical Education Experience II (Winterim)	4
<b>TOTAL</b>		<b>21</b>

Winterim - DPT 632 Clinical Education Experience II - 4 weeks - 4 credits

## YEAR 6/DPT YEAR 3

Summer - DPT 733 Clinical Education Experience III (Total 8 weeks) - 8 Credits

FALL	COURSE TITLE	CREDITS
DPT 710	Advanced Specialty Elective OR	1-2
DPT 716	Pediatric Specialty Elective	
DPT 711	Orthotics & Prosthetics In PT	2
DPT 712	Primary Care in PT	3
DPT 713	Neuromuscular PT III	4
DPT 714	Musculoskeletal PT III	4
DPT 715	PT Management II	3
DPT 717	Doctoral Project	3
<b>TOTAL</b>		<b>20-21</b>

SPRING	COURSE TITLE	CREDITS
DPT 734	Clinical Education Experience IV (8 wks)	8
DPT 735	Clinical Education Experience V (8 wks)	8
DPT 720	Graduate Seminar	3
<b>TOTAL</b>		<b>19</b>