

## CLARKE UNIVERSITY DPT 6 YEAR CURRICULUM FOR BA CHEMISTRY 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 117 MATH 225	Precalculus with Algebra* OR Calculus I	3 - 4
<b>TOTAL</b>		<b>17 - 18</b>

SPRING	COURSE TITLE	CREDITS
CMPS 111	Compass Seminar II	3
CHEM 111	General Chemistry II	4
	Compass Course	3
	Compass Course	3
	Compass Course	3
<b>TOTAL</b>		<b>16</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 212	Human Anatomy & Physiology II	4
CHEM 222	Organic Chemistry II	4
CHEM 233	Analytical Chemistry	4
	Compass Course	3
	Compass Course	3
<b>TOTAL</b>		<b>18</b>

### YEAR 3

FALL	COURSE TITLE	CREDITS
CHEM 385	Junior Seminar I: Chemical Literacy	1
PHYS 110	Elements of Physics I	4
	Chemistry Elective*	4
	Chemistry Elective*	3
CMPS 450	Compass Seminar III	3
<b>TOTAL</b>		<b>12-15</b>

SPRING	COURSE TITLE	CREDITS
CHEM 499	Chemistry Research - Capstone	1
PHYS 111	Elements of Physics II	4
CHEM 386	Junior Seminar II: Writing and Ethics	1
	Chemistry Elective*	2
	Compass Courses (if needed)	9
<b>TOTAL</b>		<b>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 117	Precalculus with Algebra (Three years of high school mathematics or equivalent and ACT Math sub score of 23 or higher)
PHYS 110	Elements of Physics I (MATH 117 (Precalculus with Algebra) or equivalent or consent)

\*8-9 credit hours of Chemistry electives required.

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

COURSE	REQUIRED SUPPORTING COURSES
PSYC 111	Introductory Psychology
PSYC	Psychology Elective
PHIL 225	Applied Ethics: Biomedical

## 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
BIOL 420	Human Physiology	4
DPT 514	Functional Anatomy & Biomechanics	3
DPT 515	Issues in Health Care	2
DPT 518	Physical Agents	3
<b>TOTAL</b>		<b>16</b>

SPRING	COURSE TITLE	CREDITS
BIOL 425	Excercise Physiology	4
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>18</b>

## 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	<i>Clinical Education Experience II (Winterim)</i>	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 Pediatric	1-2
DPT 716	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	<i>Clinical Education Experience IV (8 wks)</i>	8
DPT 735	<i>Clinical Education Experience V (8 wks)</i>	8
DPT 720	Graduate Seminar	3
<b>TOTAL</b>		<b>19</b>