

DR. KIRAN C. PATEL COLLEGE OF OSTEOPRATHIC MEDICINE
SAMPLE FOUR YEAR CURRICULUM FOR Bachelor of Science - Exercise and Sport Science
student as a pathway for the Doctor of Osteopathic Medicine (DO)

| Freshman Year | | | | |
|--|----------------|--------------------------------------|----------------|--|
| Fall | | Winter | | |
| <u>Course</u> | <u>Credits</u> | <u>Course</u> | <u>Credits</u> | |
| Open Written Communication | 3 | Open Written Communication ENG | 3 | |
| Open Arts & Humanities | 3 | Open Arts & Humanities HUM | 3 | |
| MATH 1250 Trigonometry | 3 | BIOL 1500 Biology/Lab | 4 | |
| EXSC 1450 Introduction to Exercise Science | 3 | EXSC 1400 Health and Fitness | 3 | |
| UNIV 1000 | 3 | PSYC 1020 Introduction to Psychology | 3 | |
| Total Credits | 15 | Total Credits | 16 | |

| Sophomore Year | | | | |
|--|----------------|-------------------------------------|----------------|--|
| Fall | | Winter | | |
| <u>Course</u> | <u>Credits</u> | <u>Course</u> | <u>Credits</u> | |
| EXSC 2090 Sports Neuroscience | 3 | EXSC 2300 Sports Nutrition | 3 | |
| EXSC 1200 Exercise and Sports Medicine | 3 | EXSC 2400 Strength and Conditioning | 3 | |
| CHEM 1300 General Chemistry/Lab | 4 | BIOL 3330 Anat & Phys II/Lab | 4 | |
| BIOL 3320 Anat & Phys I/Lab | 4 | CHEM 1310 General Chem II/Lab | 4 | |
| Total Credits | 14 | Total Credits | 14 | |

| Junior Year | | | | |
|--|----------------|---|----------------|--|
| Fall | | Winter | | |
| <u>Course</u> | <u>Credits</u> | <u>Course</u> | <u>Credits</u> | |
| EXSC 3700 Kinesiology | 3 | EXSC 3760 Biomechanics of Human Movement with Lab | 4 | |
| Open Social and Behavioral Sciences | 3 | EXSC 3820 Exercise Prescription with Lab | 4 | |
| EXSC 3740 Exercise Physiology with Lab | 4 | EXSC 4300 Research Methods in Sport and PE | 3 | |
| Math 2020 Applied Statistics | 3 | CHEM 2410 Organic Chem II | 4 | |
| CHEM 2400 Organic Chem I | 4 | Open Elective | 3 | |
| Total Credits | 17 | Total Credits | 18 | |

| Senior Year | | | | |
|---|----------------|--|----------------|--|
| Fall | | Winter | | |
| <u>Course</u> | <u>Credits</u> | <u>Course</u> | <u>Credits</u> | |
| EXSC 4100 Adapted Physical Activity | 3 | EXSC 4500 Advanced Strength and Conditioning | 3 | |
| EXSC 4220 Motor Learning with Lab | 4 | EXSC 4901 Practicum in Exercise Science | 3 | |
| EXSC 4400 Exercise and Sport Administration | 3 | CHEM 3650 Biochemistry | 4 | |

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PHYS 2350 General Physics/Lab

4

PHYS 2360 General Physics II

4

Major Elective*

3

Total Credits 124

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