



**KENNESAW STATE**  
UNIVERSITY

**Undergraduate Program Name:** Exercise Science, B.S.

**Graduate Program Name:** Exercise Science, M.S.

**Double Owl Course Pairings:**

Double Owl Scholars will not take 9 credit hours of Major Field Electives.

In their place, Double Owl Scholars will take EHS 6510 Advanced Exercise Physiology, EHS 6200 Statistical Methods in Sports and Exercise and EHS 6520 Exercise Psychology.

Double counted courses are shown in red below.

<b>Year 1 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 1 - Spring (16 credits)</b>	<b>Credits</b>
ENGL 1101 – Composition I [A1]	3	ENGL 1102 – Composition II [A1]	3
CHEM 1211 – Principles of Chemistry I* [D2]	3	CHEM 1212 – Principles of Chemistry II* [D2]	3
CHEM 1211L – Principles of Chemistry I Lab* [D2]	1	CHEM 1212L – Principles of Chemistry II Lab* [D2]	1
POLS 1101 – American Government [E1]	3	ECON 1000 – Contemporary Economic Issues [B1]	2
General Education – Quantitative [A2]	3	General Education – Applied Math [D1]	3
General Education – Cultural Perspectives [B2]	3	BIOL 2221 – Human Anatomy & Physiology I	3
		BIOL 2221L – Human Anatomy & Physiology I Lab	1
<b>TOTAL SEMESTER CREDITS</b>	<b>16</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>16</b>
<b>Year 2 - Fall (16 credits)</b>	<b>Credits</b>	<b>Year 2 - Spring (13 credits)</b>	<b>Credits</b>
General Education – Literature of the World [C1]	3	General Education – World History [E3]	3
General Education – Arts & Culture of the World [C2]	3	General Education – Social Sciences [E4]	3
General Education – U.S. History [E2]	3	ES 2200 – Safety Training for the Fitness Professional	2
ES 2100 – Physical Activity in Health & Disease	3	ES 2300 – Medical Terminology	2
BIOL 2222 – Human Anatomy & Physiology II	3	ES 2500 – Principles of Nutrition	3
BIOL 2222L – Human Anatomy & Physiology II Lab	1		
<b>TOTAL SEMESTER CREDITS</b>	<b>16</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>13</b>
<b>Year 3 - Fall (15 credits)</b>	<b>Credits</b>	<b>Year 3 - Spring (14 credits)</b>	<b>Credits</b>
ES 3600 – Health Fitness Management	3	ES 3700 – Strength & Conditioning	3
ES 3800 – Biomechanics	3	ES 3750 – Strength & Conditioning Lab	3
ES 3900 – Physiology of Exercise	3	ES 4500 – Physiology of Exercise II	3
Major Elective (1 of 4)	3	ES 4550 – Exercise Science Laboratory Techniques 1	1
Major Elective (2 of 4)	3	Major Elective (3 of 4)	3
		Free Elective	1
<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>14</b>
		<b>Apply for Double Owl Status</b>	
<b>Year 4 - Fall (15 credits)</b>	<b>Credits</b>	<b>Year 4 - Spring (15 credits)</b>	<b>Credits</b>
ES 4200 – Nutrition & Performance	3	ES 4700 – Clinical Exercise Physiology	3
ES 4300 – Physiology of Exercise & Aging	3	ES 4900 – Exercise Science Senior Seminar	3
ES 4600 – Exercise Prescription	3	Major Elective (4 of 4)	3
ES 4650 – Exercise Testing	3	<b>EHS 6200 Statistical Methods in Sports and Exercise</b>	<b>3</b>
<b>EHS 6510 Advanced Exercise Physiology</b>	<b>3</b>	<b>EHS 6520 Exercise Psychology</b>	<b>3</b>
<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>	<b>TOTAL SEMESTER CREDITS</b>	<b>15</b>
<b>Apply to Graduate Program/Change to Graduate Status</b>			

Year 5 - Fall (9 credits)		Credits	Year 5 - Spring (9 credits)		Credits
EHS 6100 Research Methods in Sports and Exercise		3	EHS 6530 Advanced Laboratory Techniques in Exercise Physiology		3
EHS 6540 Bioenergetic and Neuromuscular Aspects of Exercise		3	EHS 6550 Cardiovascular and Clinical Physiology		3
EHS Approved Elective		3	EHS Approved Elective or Capstone Experience		3
<b>TOTAL SEMESTER CREDITS</b>		<b>9</b>	<b>TOTAL SEMESTER CREDITS</b>		<b>9</b>
Year 6 - Fall (credits)		Credits	Year 6 - Spring (credits)		Credits
EHS 6300 Leadership and Administration in Sports and Exercise		3			
EHS Approved Elective		3			
EHS Capstone Experience		3			
<b>TOTAL SEMESTER CREDITS</b>		<b>9</b>	<b>TOTAL SEMESTER CREDITS</b>		<b>0</b>

**PATHWAY TOTAL: 120+27 = 147**