



Springfield College Sequencing Guide Sports Biology Major ▼ 2017-2018

If you are a Sports Biology major who matriculated to Springfield College in 2017-2018, use this as a guide for sequencing your courses. Requirements listed on this guide are subject to change and may not be offered when listed—use your online degree audit for the most accurate information. Always confirm your plans with your advisor, and consult your advisor or chairperson if you have any questions.

SBIO Major – Typical First-Year Schedule	
<p>Fall: ENGL 113, College Writing I (3 cr – fills half College Writing GenEd) BIOL 121, Bioscience I (3 cr – also fills Natural Sciences GenEd) BIOL 123, Bioscience I Laboratory (1 cr – also fills Natural Sciences GenEd)</p> <p><i>If you have a strong algebra background you should also take:</i> CHEM 121, General Chemistry I (3 cr) CHEM 123, General Chemistry I Laboratory (1 cr)</p> <p><i>If you don't have a strong algebra background and were not recommended for level 4 MATH, take MATH 90, 105, or 115. Then take CHEM 121-124 second year.</i></p> <p>Plus GenEds, major requirements with flexible timing, or electives (as applicable) to total approximately 15 credits</p>	<p>Spring: ENGL 114, College Writing II (3 cr – fills half College Writing GenEd) BIOL 122, Bioscience II (3 cr) BIOL 124, Bioscience II Laboratory (1 cr)</p> <p><i>If CHEM 121 and 123 were completed:</i> CHEM 122, General Chemistry II (3 cr) CHEM 124, General Chemistry II Laboratory (1 cr) Plus GenEds, major requirements with flexible timing, or electives (as applicable) to total 30 credits for the year</p>
<p>Fall or Spring: HLTH 100, Wellness: A Way of Life (3 cr – fills Health and Wellness GenEd) First or both of two required MATH courses: Choose from MATH 125, 131, 140, 142, or 215 (3 cr; one also fills Quantitative Reasoning GenEd) Computer Applications GenEd</p>	

SBIO Major – Typical Second-Year Schedule	
<p>Fall: BIOL 250, Human Anatomy and Physiology I (3 cr) BIOL 252, Human Anatomy and Physiology I Laboratory (1 cr) CHEM 221, Organic Chemistry I (3 cr) CHEM 223, Organic Chemistry I Laboratory (1 cr)</p> <p><i>If you didn't take CHEM 121-124 your first year, you need to take it second year and delay BIOL 250-253 and CHEM 221-224 to your third year. If you completed MATH 125, 131, or 140, take PHYS 210 and 211 this year.</i></p> <p>Plus GenEds, major requirements with flexible timing, or electives (as applicable) to total approximately 15 credits</p>	<p>Spring: BIOL 251, Human Anatomy and Physiology II (3 cr) BIOL 253, Human Anatomy and Physiology II Laboratory (1 cr) CHEM 222, Organic Chemistry II (3 cr) CHEM 224, Organic Chemistry II Laboratory (1 cr) Plus other GenEds, major requirements with flexible timing, or electives (as applicable) to total 30 credits for the year</p>
<p>Fall or Spring: If not already completed, second of two required MATH courses: Choose from MATH 125, 131, 140, 142, or 215</p>	

SBIO Major – Typical Third-Year Schedule

Fall:

PHYS 210, General Physics I (with laboratory) (4 cr)
Plus GenEds, major requirements with flexible timing, or
electives (as applicable) to total approximately 15 credits

Spring:

PHYS 211, General Physics II (with laboratory) (4 cr)
Plus GenEds, major requirements with flexible timing, or
electives (as applicable) to total 30 credits for the year

SBIO Major – Typical Fourth-Year Schedule

Fall and/or Spring:

BIOL 482, Seminar in Biology (3 cr – must be taken final semester in residence)
Plus any outstanding major requirements, GenEds, or electives to total a minimum of 120 credits for your career

Additional SBIO Requirements – Flexible Timing

AEXS 313, Physiology of Exercise (3 cr) – should take 3rd or 4th year
AEXS 315, Physiology of Exercise Lab (0 cr)
AEXS 319, Kinesiology/Biomechanics (3 cr) – should take 3rd or 4th year
AEXS 321, Kinesiology/Biomechanics Lab (0 cr)

*In addition, select **four** of the following courses (and labs, if applicable). Selecting at least two with labs is strongly recommended.*

BIOL 230, Animal Biology (3 cr)
BIOL 310, Evolution (3 cr) – could take 2nd year, even if CHEM 121-124 is not complete
BIOL 311, Human Histology (3 cr) – could take 2nd year, even if CHEM 121-124 is not complete
BIOL 312, Human Histology Laboratory (1 cr)
BIOL 315, General Microbiology (3 cr – also fills one WAC requirement)
BIOL 317, General Microbiology Laboratory (1 cr)
BIOL 316, Virology and Immunology (3 cr – also fills one WAC requirement)
BIOL 341, Developmental Biology (3 cr)
BIOL 380, Genetics (3 cr – also fills one WAC requirement)
BIOL 381, Genetics Laboratory (1 cr)
BIOL 420, Cellular Physiology (3 cr – also fills one WAC requirement)
BIOL 421, Cellular Physiology Laboratory (1 cr)
CHEM 331, Biological Chemistry (3 cr)

SBIO Program Requirements

Program standards for the SBIO major include, but are not limited to:

- Earn a grad of C- or better in all required courses for the major, including selectives

GenEd Requirements, Electives, and College Requirements

This major typically requires 67 to 71 credits to complete. In addition to the requirements previously listed, you must complete:

- **Additional GenEds:** Literary Studies, Visual/Performing Arts, Spiritual/Ethical Dimensions, Historical/Cultural Studies, Behavioral/Social Sciences, International/Multicultural Studies, Social Justice, and Physical Activity. You must also ensure you fill both WAC requirements.
- **10 to 14 elective credits or more** (depending on GenEds and selectives chosen) to total at least 120 credits
- A **minimum cumulative GPA** of 2.000 or higher
- The **residency requirement**—60 credits taken at Springfield College (including 15 of your last 30)