<table>
<thead>
<tr>
<th>Semester</th>
<th>Grade</th>
<th>Course #</th>
<th>Credits</th>
<th>Course</th>
<th>Prerequisites</th>
<th>Semester offered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Charger Foundation (CF) Requirements 41-42 credits**

**English 6 credits**

EH 101 3 Freshman Composition I Placement FA/SP/SU
EH 102 3 Freshman Composition II EH 101 or EH 101S, grade of C or higher FA/SP/SU

Seq in HY or LIT required

**Fine Art and Humanities 12 credits**

3 Fine Art See Back for Choices FA/SP/SU
3 Literature EH 101, EH 102, grade of C or higher FA/SP/SU
CM 113 3 Speech REQUIRED FA/SP/SU
3 Humanities/Fine Arts/Lit See Back for Choices FA/SP/SU

*Seq in HY or LIT required

**Choose one course:**

Choose one sequence:

**Math 3 or 4 credits**

MA 120 3 Calculus w/ Applications MA 112 or Level 2 placement FA/SP/SU
MA 171 4 Calculus A MA 113, MA 115 or Level 3 placement FA/SP/SU

**Physics 8 credits**

PH 101/101L 3/1 Gen Physics I + lab FA
PH 102/102L 3/1 Gen Physics II + lab PH 101/101L SP
PH 111/114 3/1 Physics w/ Calculus I + lab MA 171 PL/ST
PH 112/115 3/1 Physics with Calculus II + lab PH 111/114, MA 172 FA/SP/SU

**History and Social Behavioral Science 12 credits**

3 History See back for Choices FA/SP/SU
3 Social & Behavioral Science PY 101 recommended FA/SP/SU
3 Social & Behavioral Science PY 201 or SOC 100 recommended FA/SP/SU
3 History/Soc & Beh Science See back for choices FA/SP/SU

**College of Science (COS) Requirements 6 credits**

**Computer Science 3 credits**

3 Computer Science See Back for Choices FA/SP/SU

**Technical Writing 3 credits**

EH 301 3 Technical Writing EH 101 + EH 102, C or higher + JR Standing FA/SP/SU

**Biology (BYS) Major, Exercise Physiology concentration Requirements 38 credits**

**Biology Core Courses 18 credits**

BYS 119 4 Principles of Biology + lab FA/SP/SU
BYS 120 4 Organismal Biology + lab BYS 119 FA/SP/SU
BYS 219 4 Genetics & Evolution + lab BYS 120, MA 107 or 112, CH 101 or CH 121 FA/SP/SU
BYS 300 4 Cell & Development Bio + lab BYS 219, CH 123/126 or CH 201/205 FA/SP/SU
BYS 490 2 Senior Seminar BYS 119, 120, 219, 300 FA/SP/SU

**Exercise Physiology Concentration Courses 20 credits**

BYS 313 4 Anatomy & Physiology I + lab BYS 219, BYS 300 conc., CH 201 or CH 331 FA
BYS 314 4 Anatomy & Physiology II + lab BYS 313, grade of C or higher SP
BYS 401 4 Exercise Physiology + lab BYS 219, 313, 314 SP
BYS 402 4 Kinesiology & Biomechanics BYS 300, 313, 314. CH 101 or 111 rec. FA
BYS 403 4 Advanced Exercise Physiology BYS 401, BYS/CH 361 or 301 SP

**Exercise Physiology cognate minor Courses 28-29 credits**

CH 101/105 3/1 Intro to Chemistry + lab Prerequisite w/ Con: MA 112 or Level 2 plcmt FA/SP/SU
*CH 121/125 3/1 Gen Chemistry I + lab CH 101+ MA 113, 115 or Level 3 plcmt FA/SP/SU
*CH 123/126 3/1 Gen Chemistry II + lab CH 121/125 FA/SP/SU
CH 201/205 3/1 Elem Organic Chemistry + lab CH 101/105 or CH 121/125 SP
CH 301 3 Elementary Biochemistry BYS 120, CH 201 or CH 331 FA/SP
KIN 200 2 Contemporary Nutrition FA/SP

**Select one**

KIN 205 1 First Aid & CPR FA/SP
KIN 215 2 First Responder/Prof CPR FA/SP
KIN 210 3 Beginning Athletic Training FA/SP
KIN 240 2 Health & Wellness Concepts FA/SP
KIN 300 3 Nutrition for Fitness & Sport FA/SP
KIN 351 3 Exercise Test & Prescription HPE 205 or HPE 215 FA/SP
KIN 450 3 Exercise Physiology Internship HPE 205 or HPE 215, HPE 210, HPE 351 FA/SP

*CH 121/125 + CH 123/126 required for applying to Physical Therapy graduate programs.

**Elective Courses 13-15 credits**

Elective courses can be taken from any department and do not have to be taken in your major or minor.

No more than 4 HPE activity (HPE 100-199) cr. count towards the 128 credits.

TOTAL (CF + COS + BYS + Ex Phys + electives) = 128 hours to graduate. 39 of 128 credits must be taken @ 300 level or higher
### Biology (BYS) Major, Exercise Physiology Concentration

**Charger Foundations (CF) and College of Science (COS) Requirements**

<table>
<thead>
<tr>
<th>CF Requirements</th>
<th>Choices for how to meet the requirements</th>
</tr>
</thead>
</table>
| **Freshman Composition I & II** | Choose 1  
- Freshman Composition I & II (EH 101 + 102)  
- Intensive Writing & Studio & Freshman Comp II (EH 101S + 101L & EH 102)  
- Honors English Seminar (EH 105; equivalent to EH 101 & EH 102) |
| **Fine Arts**               | Choose 1  
- Ancient to Medieval Art (ARH 100)  
- Renaissance to Modern Art (ARH 101)  
- Non-Western Art (ARH 103)  
- Theater Appreciation (CM 122)  
- Introduction to Drawing (ARS 160)  
- Intro to Music Literature (MU 100) |
| **Literature**              | Choose 1  
- Readings Literature/Culture I (EH 207)  
- Readings Literature/Culture II (EH 208)  
- Honors Literature I (EH 209)  
- Honors Literature II (EH 210) |
| **Speech**                  | Required  
- Intro to Rhetorical Communication (CM 113) |
| **Humanities/ Fine Art/ 2nd Literature** | Choose 1  
- Intro to Philosophy (PHL 101)  
- Intro to Ethics (PHL 102)  
- Science, Tech & Human Values (PHL 150)  
- Intro to Logic (PHL 201)  
- Foreign Language (FL 101)  
- International Cinema (FL 204)  
- Intro to Women’s Studies (WS 200)  
- See above for Lit & Fine Art Courses |
| **Math**                    | Choose 1  
- Calculus A (MA 171)  
- Calculus w/ Applications (MA 120) |
| **Natural Lab Science Sequence** | Choose 1  
- Physics I & II (PH 101 + PH 102)  
- Physics w/ Calculus I & II (PH 111/114 + PH 112/115) |
| **History**                 | Choose 1  
- World History I (HY 103)  
- US History I (HY 221)  
- World History II (HY 104)  
- US History II (HY 222) |
| **Social & Behavioral Sciences** | Choose 2  
- Macroeconomics (ECN 142)  
- Microeconomics (ECN 143)  
- American Govt (PSC 101)  
- Politics & Foreign Govt (PSC 102)  
- International Relations (PSC 260)  
- World Geography (GY 105)  
- Human Geography (GY 110)  
- Intro to Sociology (SOC 100)  
- Analysis of Social Problems (SOC 102)  
- Intro to Anthropology (SOC 105)  
- Sociological Perspective on Tech and Science (SOC 150)  
- General Psychology I (PY 101)  
- Life Span Development (PY 201)  
- Global systems & cultures (GS 200) |
| **History OR Social Behavioral Sciences** | Choose 1  
- Take either 2nd History  
  Course OR 3rd Social & Behavioral Science (no more than 6 hrs in a discipline) |
| **History or Literature Sequence** | Check for  
- 2nd History class OR 2nd Literature class:  
  History (HY 103 + 104) or (HY 221 + 222)  
  OR  Literature (EH 207 + 208) or (EH 209 + 210) |

### COS Requirements

<table>
<thead>
<tr>
<th>COS Requirements</th>
<th>Choices for how to meet the requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemistry requirement</strong></td>
<td>Chemistry (CH 101/105 or CH 121/125)</td>
</tr>
</tbody>
</table>
| **Computer Science**      | Choose 1  
- Intro to Computers & Programming (CS 100)  
- C Programming (CS 102)  
- Java Programming (CS 103) |
| **Technical Writing**     | Technical Writing (EH 301)  
  Junior standing (64 hours) required to take this course |