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- These guides are meant to help guide you to complete the USF COP prerequisite requirements. Every measure is taken to ensure that these guides are accurate and updated, but codes and course numbers may change. There also may be other courses offered that meet requirements that may not be listed on these guides. If you are unsure of a course or requirement it’s best to consult with an academic advisor at your institution or reach out to our Office of Admissions.

- If you have concerns on a course please contact the Office of Admissions at pharmdadmissions@health.usf.edu.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<tr>
<td>Statistics</td>
<td>MAT 230</td>
<td>3</td>
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<td>General Chemistry I (with lab)</td>
<td>CHE 111, CHE 111L</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHE 112, CHE 112L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHE 343, CHE 343L</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHE 344, CHE 344L</td>
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<td>Physics</td>
<td>PHY 201, PHY 201L or</td>
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<td></td>
<td>PHY 211, PHY 211L</td>
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<td>BIO 101, BIO 101L</td>
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<tr>
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<td>BSC 1011, BSC 1011L</td>
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<tr>
<td>Microbiology</td>
<td>BIO 325</td>
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<tr>
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<td></td>
<td>BIO 334, BIO 334L</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BIO 352</td>
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<tr>
<td>Genetics</td>
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<tr>
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<td>ECO 201 or ECO 202</td>
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<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
</tr>
<tr>
<td>Total semester hours</td>
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- Courses must be completed with a C or better.
- AP courses with a score of 3 or higher are accepted.
- IB courses with a score of 4 or high are accepted.
### Bethune Cookman University Recommended Courses

<table>
<thead>
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<th>Course Title</th>
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<tr>
<td>Statistics</td>
<td>MAT 337</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CH 141, CHL 141</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CH 142, CHL 142</td>
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<td>Organic Chemistry I (with lab)</td>
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<td>Organic Chemistry II (with lab)</td>
<td>CH 242</td>
<td>4</td>
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<tr>
<td>Physics</td>
<td>PH 251, PHL 251 or</td>
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<td></td>
<td>PH 252, PHL 252</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BI 141, BIL 141</td>
<td>4</td>
</tr>
<tr>
<td>General Biology II (with lab)</td>
<td>BI 142, BIL 142</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>BI 244</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BI 235, BI 236</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>BI 450 or BI 340</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>CH 445</td>
<td>3</td>
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<tr>
<td>Genetics</td>
<td>BI 447</td>
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<td>General Psychology or Sociology</td>
<td>PS 230 or SO 131</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>BA 231 or BA 232</td>
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<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
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<td><strong>Total semester hours</strong></td>
<td></td>
<td><strong>72</strong></td>
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- Courses must be completed with a C or better.
- AP courses with a score of 3 or higher are accepted.
- IB courses with a score of 4 or high are accepted.
## Broward College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
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<tr>
<td>English</td>
<td>ENC 1101</td>
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<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 1045, CHM 1045 L</td>
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<td>CHM 1046, CHM 1046 L</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
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<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
<td>4</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
<td>4</td>
</tr>
<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>PCB 3023</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BCH 3033</td>
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<td>Genetics</td>
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<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
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</tr>
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</table>

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### College of Central Florida Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
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<th>Credit Hours</th>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311</td>
<td>3</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045, CHM 2045 L</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 2046, CHM 2046 L</td>
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<tr>
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<td>CHM 2210, CHM 2210L</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
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<tr>
<td>Physics</td>
<td>PHY 1053C or PHY 2048C</td>
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<td>General Biology I (with lab)</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
<td>4</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L, BSC 2086, BSC 2086L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
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<tr>
<td>Genetics</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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## Daytona State College Recommended Courses

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<th>Course Title</th>
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<tr>
<td>English</td>
<td>ENC 1101</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311</td>
<td>3</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
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<td>CHM 1046 C</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210C</td>
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<td>Organic Chemistry II (with lab)</td>
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<td>Calculus</td>
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<td>Statistics</td>
<td>STA 2023</td>
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<td>PHY 1053C or PHY 2048C</td>
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<td>Microbiology</td>
<td>MCB 1010C</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
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</tr>
<tr>
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<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<tbody>
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<tr>
<td>Calculus</td>
<td>MAC 1311</td>
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<td>General Chemistry II (with lab)</td>
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<tr>
<td>Organic Chemistry I (with lab)</td>
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<td>Organic Chemistry II (with lab)</td>
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<td>PHY 2048C or PHY 2053</td>
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<td>BSC 1010</td>
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<tr>
<td>General Biology II (with lab)</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010 or MCB 3020</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2093 BSC 2094</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>BCH 4024</td>
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<td>Genetics</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 1012 or SYG 2000</td>
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</tr>
<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
</tr>
</tbody>
</table>

| Total semester hours                                  |                     | 72            |

- Courses must be completed with a C or better.
- AP courses with a score of 3 or higher are accepted.
- IB courses with a score of 4 or high are accepted.
## Eckerd College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
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<th>Credit Hours</th>
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<tr>
<td>Calculus</td>
<td>MA 131M</td>
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<td>Statistics</td>
<td>MA 333</td>
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<td>General Chemistry I (with lab)</td>
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<td>CH 221</td>
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<td>Physics</td>
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<td>General Biology I (with lab)</td>
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<td>General Biology II (with lab)</td>
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<tr>
<td>Microbiology</td>
<td>BI 204</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>BI 211</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>CH 415</td>
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<tr>
<td>Genetics</td>
<td>BI 212</td>
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<td>PS 101S, SO 101S</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>EC 281S or EC 282S</td>
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</tr>
<tr>
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<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
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</tbody>
</table>

| Total semester hours | 72 |

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- AP courses with a score of 3 or higher are accepted.
- IB courses with a score of 4 or high are accepted.
# Flagler College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
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<tbody>
<tr>
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<td>MAT 201</td>
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<tr>
<td>Statistics</td>
<td>MAT 223</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>MAT 222</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
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<td>Calculus</td>
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<td>Calculus</td>
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</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
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<tr>
<td>Physics</td>
<td>PHY 2048C or PHY 2053C</td>
<td>4</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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<tr>
<td>Microbiology</td>
<td>MCB 4403</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L, BSC 2086, BSC 2086L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>PCB 3134 or PCB 4024</td>
<td>3</td>
</tr>
<tr>
<td>Biochemistry (upper division)</td>
<td>BCH 3033 or BCH 4053</td>
<td>3</td>
</tr>
<tr>
<td>Genetics</td>
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<td>3</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 1000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total semester hours**: 72

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### Gulf Coast State College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>English</td>
<td>ENC 1101</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 1045, CHM 1045 L</td>
<td>4</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046 L</td>
<td>4</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
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<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
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<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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</tr>
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<td>Microbiology</td>
<td>MCB 2004</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
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<td>BSC 2086, BSC 2086L</td>
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<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>Not offered</td>
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<tr>
<td>Genetics</td>
<td>Not offered</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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</tr>
<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
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<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
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</tr>
</tbody>
</table>

**Total semester hours**

72

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### Hillsborough Community College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
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<tr>
<td>English</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045, CHM 2045 L</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 2046, CHM 2046 L</td>
<td>4</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
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<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
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</tr>
<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>Not offered</td>
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<td>Genetics</td>
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</tr>
<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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</tr>
<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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</table>

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### Indian River State College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
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<td>English</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
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<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046 L</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
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<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010 or MCB 3023</td>
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<td>Human Anatomy and Physiology</td>
<td>BSC 2093, BSC 2093 L</td>
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<td>BSC 2094, BSC 2096L</td>
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<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>BCH 4053</td>
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<td>Genetics</td>
<td>PCB 3063</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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<tr>
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Jacksonville University Recommended Courses

<table>
<thead>
<tr>
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<th>Course Number</th>
<th>Credit Hours</th>
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<td>Calculus</td>
<td>MATH 140</td>
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<td>Statistics</td>
<td>MATH 205 or MATH 206</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHEM 103</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHEM 301, CHEM 301L</td>
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<td>Organic Chemistry II (with lab)</td>
<td>CHEM 302, CHEM 3020L</td>
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<td>Physics</td>
<td>PHYS 111 or PHYS 151</td>
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<td>General Biology I (with lab)</td>
<td>BIOL 170, BIOL 170L</td>
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<td>General Biology II (with lab)</td>
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<td>Microbiology</td>
<td>BIOL 301WR</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BIOL 215, BIOL 216</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>BIOL 402WR</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BIOL 425</td>
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<td>Genetics</td>
<td>BIOL 337</td>
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<td>PSYC 201 or SOC 203</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECON 201 or ECON 202</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total semester hours**

| 72 |

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<table>
<thead>
<tr>
<th>Course Title</th>
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<th>Credit Hours</th>
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<tr>
<td>Calculus</td>
<td>MAC 2311</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 1045, CHM 1045 L</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046 L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
<td>4</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L BSC 2086, BSC 2086L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BCH 3023</td>
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<td>Genetics</td>
<td>PCB 3060</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
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</tbody>
</table>

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<table>
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<th>Credit Hours</th>
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<td>Statistics</td>
<td>MATH 2020 or MATH 4500</td>
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<td>General Chemistry I (with lab)</td>
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<td>General Chemistry II (with lab)</td>
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<td>CHEM 2400</td>
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<td>Organic Chemistry II (with lab)</td>
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<td>General Biology I (with lab)</td>
<td>BIOL 1500</td>
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<td>General Biology II (with lab)</td>
<td>BIOL 1510</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2400</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BIOL 3320 and BIOL 3330</td>
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<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>CHEM 3650</td>
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<td>Genetics</td>
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<td>PSYC 1020 or SOCL 1020</td>
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<tr>
<td>Economics (Micro or Macro)</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
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<td><strong>72</strong></td>
</tr>
</tbody>
</table>

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# Palm Beach Atlantic University Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<td>Calculus</td>
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<tr>
<td>Statistics</td>
<td>MAT 2003</td>
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<tr>
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<td>CHM 1010, CHM 1011</td>
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<td>CHM 1020, CHM 1021</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2013, CHM 2011</td>
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</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2023, CHM 2021</td>
<td>4</td>
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<td>Physics</td>
<td>PHY 2013 or PHY 2113</td>
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<td>BIO 1103, BIO 1101</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BIO 1113, BIO 1111</td>
<td>4</td>
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<tr>
<td>Microbiology</td>
<td>BIO 2501 or BIO 3503</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BIO 2283, BIO 2281</td>
<td>8 (2 credits lab)</td>
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<td>BIO 2293, BIO 2291</td>
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<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>CHM 3303</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
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<th>Course Number</th>
<th>Credit Hours</th>
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<td>ENC 1101</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045, CHM 2045 L</td>
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<td>General Chemistry II (with lab)</td>
<td>CHM 2046, CHM 2046 L</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210C</td>
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<td>CHM 2211C</td>
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<tr>
<td>Physics</td>
<td>PHY 2048C or PHY 2053C</td>
<td>4</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 1085, BSC 1085 L, BSC 1086, BSC 1086L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>Not offered</td>
<td>3</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>Not offered</td>
<td>3</td>
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<tr>
<td>Genetics</td>
<td>Not offered</td>
<td>3</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 1012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
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<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
</tr>
</tbody>
</table>

| Total semester hours | 72 |

- Courses must be completed with a C or better.
- AP courses with a score of 3 or higher are accepted.
- IB courses with a score of 4 or high are accepted.
### Pensacola State College Recommended Courses

<table>
<thead>
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<th>Course Title</th>
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<th>Credit Hours</th>
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<td>ENC 1101C</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 1045C</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
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<tr>
<td>Physics</td>
<td>PHY 1053 or PHY 2048</td>
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<td>General Biology I (with lab)</td>
<td>BSC 1010, BSC 1010L</td>
<td>4</td>
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<td>General Biology II (with lab)</td>
<td>BSC 1011, BSC 1011L</td>
<td>4</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 1085, BSC 1085L</td>
<td>8 (2 credits lab)</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>Not offered</td>
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<tr>
<td>Genetics</td>
<td>Not offered</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
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</table>

| Total semester hours | 72 |

- Courses must be completed with a C or better.
- AP courses with a score of 3 or higher are accepted.
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### Santa Fe College Recommended Courses

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<tbody>
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<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
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<tr>
<td>Statistics</td>
<td>STA 2023</td>
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<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045, 2045 L</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046 L</td>
<td>4</td>
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<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
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<tr>
<td>Physics</td>
<td>PHY 2048 or PHY 2053</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
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<td></td>
<td>BSC 2086, BSC 2086L</td>
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<td>Cell or Molecular Biology (upper division)</td>
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<td>Biochemistry (upper division)</td>
<td>BCH 3023C</td>
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<td>Genetics</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
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</table>

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### Seminole State College Recommended Courses

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<th>Course Title</th>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045C</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 2046C</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210C</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211C</td>
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<tr>
<td>Physics</td>
<td>PHY 1053C or PHY 2048C</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010C</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011C</td>
<td>4</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010C</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085C</td>
<td>3</td>
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<td></td>
<td>BSC 2086C</td>
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<td>Biochemistry (upper division)</td>
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<td>Genetics</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
<td>3</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
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<td>9</td>
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<tr>
<td><strong>Total semester hours</strong></td>
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<td><strong>72</strong></td>
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### St. Leo University Recommended Courses

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<thead>
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<th>Credit Hours</th>
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<tr>
<td>Calculus</td>
<td>MAT 231</td>
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<td>Statistics</td>
<td>MAT 201</td>
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<td>CHE 121, CHE 121L</td>
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<td>General Chemistry II (with lab)</td>
<td>CHE 124, CHE 124L</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHE 311, CHE 311L</td>
<td>4</td>
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<td>Organic Chemistry II (with lab)</td>
<td>CHE 312, CHE 312L</td>
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<tr>
<td>Physics</td>
<td>PHY 221</td>
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<td>BIO 125, BIO 125L</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BIO 126, BIO 126L</td>
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<tr>
<td>Microbiology</td>
<td>BIO 425</td>
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<td>BIO 226, BIO 226L</td>
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<td>BIO 125 or BIO 430</td>
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<td>Biochemistry (upper division)</td>
<td>BIO 324</td>
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<td>Genetics</td>
<td>BIO 330</td>
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<tr>
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<td>PSY 121 or SOC 121</td>
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<tr>
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<td>ECO 201, ECO 202</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences (1 course must be related to diversity and culture and/or social ethical issues)</td>
<td>Wide variety of courses accepted. Please contact us with specific questions.</td>
<td>9</td>
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</tbody>
</table>

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St. Petersburg College Recommended Courses

<table>
<thead>
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<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<tr>
<td>English</td>
<td>ENC 1101</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045, CHM 2045 L</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 2046, CHM 2046 L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 1053 or PHY 2048</td>
<td>4</td>
</tr>
<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010, BSC 2010L</td>
<td>4</td>
</tr>
<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
</tr>
<tr>
<td>Cell or Molecular Biology (upper division)</td>
<td>PCB 3023 or PCB 4024</td>
<td>3</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BCH 3023 or BCH 4024</td>
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</tr>
<tr>
<td>Genetics</td>
<td>PCB 3063</td>
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</tr>
<tr>
<td>General Psychology or Sociology</td>
<td>PSY 1012 or SYG 2000</td>
<td>3</td>
</tr>
<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
<td>3</td>
</tr>
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<td>9</td>
</tr>
</tbody>
</table>

| Total semester hours                          | 72                  |

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### State College of Florida Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>ENC 1101</td>
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</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 2045C</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry II (with lab)</td>
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<td>CHM 2210C</td>
<td>4</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211C</td>
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<tr>
<td>Physics</td>
<td>PHY 2048C or PHY 2053C</td>
<td>4</td>
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<tr>
<td>General Biology I (with lab)</td>
<td>BSC 2010C</td>
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<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011C</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>MCB 2010C</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085C or BSC 2086C</td>
<td>8 (2 credits lab)</td>
</tr>
<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>BCH 3023</td>
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<tr>
<td>Genetics</td>
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<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 2000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
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</tr>
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</table>

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### Tallahassee Community College Recommended Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Number</th>
<th>Credit Hours</th>
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<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td>STA 2023</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry I (with lab)</td>
<td>CHM 1045, CHM 1045 L</td>
<td>4</td>
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<tr>
<td>General Chemistry II (with lab)</td>
<td>CHM 1046, CHM 1046 L</td>
<td>4</td>
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<td>Organic Chemistry I (with lab)</td>
<td>CHM 2210, CHM 2210L</td>
<td>4</td>
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<tr>
<td>Organic Chemistry II (with lab)</td>
<td>CHM 2211, CHM 2211L</td>
<td>4</td>
</tr>
<tr>
<td>Physics</td>
<td>PHY 1053 or PHY 2048</td>
<td>4</td>
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<td>BSC 2010, BSC 2010L</td>
<td>4</td>
</tr>
<tr>
<td>General Biology II (with lab)</td>
<td>BSC 2011, BSC 2011L</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2004</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology</td>
<td>BSC 2085, BSC 2085 L</td>
<td>8 (2 credits lab)</td>
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<td></td>
<td>BSC 2086, BSC 2086L</td>
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<tr>
<td>Cell or Molecular Biology (upper division)</td>
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<tr>
<td>Biochemistry (upper division)</td>
<td>Not offered</td>
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<tr>
<td>Genetics</td>
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<tr>
<td>General Psychology or Sociology</td>
<td>PSY 2012 or SYG 1000</td>
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<tr>
<td>Economics (Micro or Macro)</td>
<td>ECO 2013 or ECO 2023</td>
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<th>Course Number</th>
<th>Credit Hours</th>
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<tbody>
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<td>English</td>
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<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>MAC 2311 or MAC 2233</td>
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<td>Statistics</td>
<td>STA 2023</td>
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<td>General Chemistry II (with lab)</td>
<td>CHM 2046, CHM 2046L</td>
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<td>CHM 2210</td>
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<td>BCH 4024, BCH 3025</td>
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<tr>
<td>Humanities and Arts AND/OR Behavioral and Social Sciences</td>
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</table>

| Total semester hours                             |                      | 72            |

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<td>ENC 1101</td>
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<td>Calculus</td>
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<td>CHM 2046, CHM 2046L</td>
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<td>HCS 215, HCS 216</td>
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<tr>
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<td>BSC 2085C, BSC 2086C</td>
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<td>BCH 3023C or BCH 4024</td>
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<td>General Biology II (with lab)</td>
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<td>Microbiology</td>
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#### Total semester hours

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<td>MAC 2311 or MAC 2233</td>
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<td>STA 2023</td>
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<td>Microbiology</td>
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<td>General Biology II (with lab)</td>
<td>BSC 2011C</td>
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<tr>
<td>Microbiology</td>
<td>MCB 2010C</td>
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