



# Transfer Major Sheet

## Biology

It is the student's responsibility to check the current catalog and [www.assist.org](http://www.assist.org) for articulation agreements and any changes which may occur. Note: Courses listed below may require prerequisite coursework.

Cal Poly Pomona	CSU Fullerton	CSU Long Beach	CSU Los Angeles	CSU San Bernardino
<p>CPP offers a B.S. in Biology*</p> <p>BIOL 2 + BIOL 4 BTNY 3 MICR 1 or MICR 22</p> <p>The following major support courses should be used to satisfy General Education requirements. See Cal Poly Pomona catalog.</p> <p>CHEM 50 CHEM 51 CHEM 80** ENGL 1C</p> <p>BUSC 17 or MATH 110 or PSYC 10 MATH 180</p> <p>PHYS 2AG+ PHYS 2BG</p> <p>NF 10 or PE 34 or PSYC 1A or PSYC 1B</p> <p>*Within the biological sciences CPP offers majors in biology, biotechnology, botany, environmental biology, microbiology, and zoology. The courses listed above are for the biology major. Please see an educational advisor or counselor for information on other majors in the biological sciences or check <a href="http://www.assist.org">www.assist.org</a>.</p> <p>**Course is a prerequisite to an upper division requirement</p>	<p>CSUF offers a B.S in Biology with concentrations in</p> <ul style="list-style-type: none"> <li>-Biodiversity, Ecology and Conservation Biology</li> <li>-Cell and Developmental Biology</li> <li>-Marine Biology</li> <li>-Molecular Biology and Biotechnology</li> </ul> <p>B.S in BioChemistry*</p> <p><b>B.S in Biology</b> BIOL 2</p> <p>BIOL 4 + BIOL 8</p> <p>CHEM 50</p> <p>CHEM 51</p> <p>CHEM 80 + CHEM 81 (Subject credit only)</p> <p>MATH 140 or MATH 180</p> <p>PHYS 2AG</p> <p>PHYS 2BG</p> <p><b>*B.S. in BioChemistry</b> See Chemistry Major Sheet</p>	<p>CSULB offers a B.S. in Biology with options in</p> <ul style="list-style-type: none"> <li>-General Biology</li> <li>-Biology Education</li> <li>-Botany</li> <li>-Cell and Molecular Biology</li> <li>-Ecology</li> <li>-Physiology</li> <li>-Zoology</li> </ul> <p>B.S in BioChemistry*</p> <p><b>The B.S. in Biology is impacted at CSULB effective Fall 2010</b></p> <p><b>B.S in Biology Core</b> BIOL 2 BIOL 4 CHEM 50 CHEM 51 MATH 180** MATH 181***</p> <p>PHYS 2AG + PHYS 2BG or PHYS 4A + PHYS 4B</p> <p><b>Biology Education Option</b> ASTR 5 BIOL 20 + BIOL 21 GEOL 1 or GEOL 8+8L MICR 1 or MICR 22</p> <p><b>Cell and Molecular Option</b> MICR 1</p> <p><b>Ecology Option</b> GEOL 1 or 12A or 12B</p> <p><b>Zoology Option</b> GEOL 1 or GEOL 12A or GEOL 12B or MICR 1</p> <p><b>*B.S. in BioChemistry</b> See Chemistry Major Sheet</p> <p>**You may transfer with only precalculus (MATH 160) completed. You may complete the calculus sequence after transfer</p> <p>***For all options except Biology Education</p>	<p>CSULA offers a B.S. in Biology B.S. in BioChemistry*</p> <p>BIOL 1 or BIOL 4</p> <p>BIOL 2</p> <p>CHEM 50 + CHEM 51</p> <p>CHEM 60</p> <p>MATH 180</p> <p>MATH 181</p> <p>PHYS 2AG + PHYS 2BG</p> <p><b>ENGL 1C is a prerequisite for CSULA's writing proficiency exam.</b></p> <p><b>It is recommended that students complete at least one year of a foreign language</b></p> <p><b>*B.S. in BioChemistry</b> See Chemistry Major Sheet</p>	<p>CSUSB offers a B.A. and a B.S. in</p> <ul style="list-style-type: none"> <li>-Biology</li> <li>-Biology PreMed Option</li> </ul> <p><b>Requirements for B.A. and B.S.</b></p> <p>BIOL 2 + BIOL 4</p> <p>CHEM 50</p> <p>CHEM 51</p> <p>CHEM 80 + CHEM 81</p> <p>MATH 140 or MATH 180</p> <p>PHYS 4A + PHYS 4B + PHYS 4C or a more basic physics sequence taken at CSUSB*</p> <p>*The basic physics sequence at CSUSB has no other physics prerequisite</p> <p><b>CSUSB also offers a B.A. and B.S. in Chemistry with an option in BioChemistry.</b> See Chemistry Major Sheet.</p>