### Biology B.S. Summary Worksheet

This worksheet does not replace the UCR Catalog or meetings with your Academic Advisor.

**Primary Major:** BIOLOGY

**Secondary Major:**

**Catalog Year:**

**Grad Term:**

#### BREADTH REQUIREMENTS (36 units)

**ENGLISH (12 units)**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Quarter</th>
<th>Grade</th>
<th>Rpt</th>
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<tbody>
<tr>
<td>ENGL 1A</td>
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<td>ENGL 1B</td>
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<td>ENGL 1C/1SC</td>
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**HUMANITIES (12 Units minimum)**

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<tr>
<th>Course Name</th>
<th>Units</th>
<th>Quarter</th>
<th>Grade</th>
<th>Rpt</th>
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<tbody>
<tr>
<td>PHYS 2A, 2LA</td>
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<td>PHYS 2B, 2LB</td>
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<td>PHYS 2C, 2LC</td>
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**SOCIAL SCIENCES (12 Units minimum)**

**ENGLISH UNIT TOTAL**

**HUMANITIES UNIT TOTAL**

**SOCIAL SCIENCES UNIT TOTAL**

**ELECTIVE/ADDITIONAL UNITS**

**ORGANIC CHEMISTRY**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Quarter</th>
<th>Grade</th>
<th>Rpt</th>
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<tbody>
<tr>
<td>CHEM 112A</td>
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<td>CHEM 112B</td>
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<td>CHEM 112C</td>
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**Related Courses (16 Units)**

*Breadth Unit Total* is calculated by adding the units from ENGLISH, HUMANITIES, and SOCIAL SCIENCES.

*Related Units* is the sum of the units from ELECTIVE/ADDITIONAL UNITS and ORGANIC CHEMISTRY.

**TOTAL UNITS** is the sum of all units listed plus any related units.

### Lower Division Core Requirements

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Quarter</th>
<th>Grade</th>
<th>Rpt</th>
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</thead>
<tbody>
<tr>
<td>BIOL 5A, 5LA</td>
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<tr>
<td>BIOL 5B</td>
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<tr>
<td>BIOL 5C</td>
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<tr>
<td>CHEM 1A, 1LA</td>
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<tr>
<td>CHEM 1B, 1LB</td>
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<td>CHEM 1C, 1LC</td>
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<tr>
<td>MATH 5 or 8A</td>
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<tr>
<td>MATH 8B or 9A</td>
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<tr>
<td>MATH 9B</td>
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**BIOLOGY COURSEWORK**

Students must maintain 2.0 major, quarter, and cumulative GPA's to remain in good standing within the major.

**Upper Division (36 units) from the following:**

- BIOL 100-178, 191; BCH 110B;

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See reverse side for typical courses used to fulfill breadth requirements.
Typical courses used to fulfill breadth requirements:

**HUMANITIES:**

**a. Fine Arts:**
- Art (ART) 1, 2, 3, 4 (performance, same as MCS 4), 5, 6 (same as MCS 6), 8, 9, 28 (same as THEA 38 & FVC 28), 65, 66
- Art History (AHS) 7, 8 (same as MCS 8), 15, 17A, 17B, 17C, 17SRC, 18 (same as ART 18), 21 (same as URST 21), 27 (same as ANTH 27), 28 (same as LNST 28), 30 (same as CLA 17 & HIST 27)
- Asian Studies (AST) 18 (same as AHS 18), 22 (same as MCS 22 & JPN 22), 23 (same as MCS 23, JPN 23), 62 (same as CPLT 62 & SEAS 62), 63 (same as CPLT 63 & SEAS 63)
- Creative Writing (CRWT) 12 (same as CPLT 12), 40 (same as MCS 39), 41, 42, 43, 44, 45, 46A, 46B, 46C, 56, 57A, 57B, 57C, 66 (same as MCS 66 & THEA 66), 76
- Dance (DANC) 5 (performance), 7 or 9 or 7v, 14, 19
- Media & Cultural Studies (MCS) 20

**b. Literature:**
- Asian Studies (AST) 62 (same as CPLT 62), 63 (same as CPLT 63)
- English (ENGL) 12A, 12B, 12C, 12D, 12E-Z thru 22, 33 (same as MCS 33), 21 (same as THEA 21 & MCS 21), 22, 23
- Classics (CLA) 10A, 10B, 10C, 17 (same as HIST 27 & AHS 30), 40, 45 (CLA 45/FVC 38 can count as a Fine Art or Literature requirement, but not both), 50
- Comparative Literature (CPLT) 1 or 1W, 2, 12 (same as CRWT 12), 15, 17A, 17B, 17C, 21 (same as MCS 21), 22A (same as WMST 22A), 22B (same as WMST 22B)
- Dance (DANC) 5 (performance), 7 or 9 or 7v, 14, 19
- Media & Cultural Studies (MCS) 20
- Music (MUS) 1, 2, 3, 5, 6 (same as ART 14 & URST 14), 15 (same as LNST 15), 16 (same as LNST 16), 18, 20, 30A, 30B, 30C
- Theater (THEA) 10 (performance), 21 (same as ENGL 21 & MCS 23), 22, 38 (same as ART 28 & MCS 28), 66 (same as CRWT 66 & MCS 66), 67, 70

**c. Philosophy:**
- Philosophy (PHIL) 1, 2, 3, 4, 5, 6, 7, 8, 9, 9H, 10, 10B, 12, 30I

**d. Religious Studies:**
- Asian Studies (AST) 18 (same as AHS 18), 22 (same as MCS 22 & JPN 22), 23 (same as MCS 23, JPN 23), 62 (same as CPLT 62 & SEAS 62), 63 (same as CPLT 63 & SEAS 63)

**Additional courses that can be used for the unspecified portion of the Humanities Requirement:**
- Asian Studies (AST) 30 (same as CHN 30), 32 (same as JPN 32), 34 (same as JPN 34), 40 (same as CHN 40), 45E-Z,65
- Classics (CLA) 20, 30
- Ethnic Studies (ETST) 1, 3, 4 (same as HIST 4), 5, 7, 8, 12 or 12W (same as ETST 12 or 12W), 14 (same as MUS 14 & URST 14), 61 (same as HIST 61), 71, 91
- European Civilization (EUR) 17A, 17B, 26 (same as CPLT 26 & MCS 26), 30W, 47
- Foreign Language (For B.S.: at level 3 or above; For B.A. at level 4 or above)
- Global Studies (GBST) 1
- History (HIST) 1, 4 (same as ETST 4), 17A, 17B, 24, 25, 26, 27 (same as CLA 17 & AHS 30), 30, 32, 33, 34 (same as RLST 24), 35, 36, 37, 38, 40 or 40W (same as CPLT 40 or 40W), 86 (same as HIST 40 or 40W), 62 (same as AST 62 & SEAS 62), 63 (same as AST 63 & CPLT 63)
- Latin American Studies (LNSST) 1, 28 (same as AHS 28)
- Linguistics (LING) 20, 21
- Media & Cultural Studies (MCS) 20
- Southeast Asian Studies (SEAS) 62 (same as AST 62 & CPLT 62), 63 (same as AST 63 & CPLT 63), 64 (same as AST 64, MCS 64, LNST 64), 65 (same as AST 65)
- Urban Studies (URST) 14 (same as MUS 14, ETST 14), 21 (same as AHS 21)
- Women's Studies (WMST) 10, 20, 22A (same as CPLT 22A), 22B (same as CPLT 22B)

**SOCIAL SCIENCES:**

**Economics or Political Sciences (one course):**
- Economics (ECON) 1, 2, 3, 4, 6 (Same as ENSC 6)
- Political Science (POSC) 5 or 5W, 7, 10, 15, 17, 20 (NOTE: Credit is awarded for only one of POSC 15 or 17)

**Anthropology or Psychology or Sociology (one course):**
- Anthropology (ANTH) 1, 2, 3, 4, 5, 6 (same as MUS 6), 10, 12, 20, 26, 27 (same as AHS 27), 28, 30
- Psychology (PSYC) 1, 2, 49
- Sociology (SOC) 1, 1H, 3, 4, 5, 6, 10 (same as URST 10), 15, 20, 25, 28, 30, 31, 35, 36, 40, 41

**Additional courses that can be used for the unspecified portion of the Social Science Requirement:**
- Ethnic Studies (ETST) 1, 2, 3, 5, 7, 12 or 12W (same as RLST 12 or 12W), 12, 91
- Environmental Sciences (ENSC) 6 (same as ECON 6)
- Global Studies (GBST) 2
- Humanities & Social Sciences (HASS) 20A, 20B, 21A, 22A (NOTE: HASS 21A and HASS 22A can be counted toward either the additional humanities or the additional social sciences requirement, but not both)
- Women's Studies (WMST) 1, 11, 20