# College of Natural and Agricultural Sciences B.S. Breadth Requirements

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<tr>
<th>Course Name</th>
<th>Grade Earned</th>
<th>Quarter</th>
<th>Units Earned</th>
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<tbody>
<tr>
<td>ENGLISH (12 UNITS)</td>
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<tr>
<td>ENGL001A</td>
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<td>ENGL001B</td>
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<td>ENGL001C (or ENGL01SC)</td>
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<tr>
<td><strong>HUMANITIES (12 UNITS)</strong></td>
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<tr>
<td>One (1) 4-unit course from the following:</td>
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<td>World History 10, 15, or 20</td>
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<td>One (1) 4-unit course from the following:</td>
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<tr>
<td>Fine Arts (Art; Art History, Creative Writing; Dance; Music; Theatre); Literature; Philosophy; Religious Studies</td>
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<td>One (1) additional 4-unit course from the subjects listed above:</td>
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<tr>
<td><strong>SOCIAL SCIENCES (12 UNITS)</strong></td>
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<td>One (1) 4-unit course from the following:</td>
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<td>Economics, Political Science</td>
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<td>One (1) 4-unit course from the following:</td>
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<td>Anthropology, Psychology, Sociology</td>
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<td>One (1) additional 4-unit courses from the subjects listed above:</td>
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<td><strong>ETHNIC STUDIES (4 UNITS)</strong></td>
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<tr>
<td>One (1) 4-unit Ethnic Studies course</td>
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<tr>
<td><strong>BIOLOGICAL SCIENCES (4 UNITS)</strong></td>
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<td>One (1) 4-unit course (lab) from the following:</td>
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<td>Biochemistry, Biology, Entomology, Nematology, Botany and Plant Sciences, or Plant Pathology and Microbiology</td>
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<td><strong>MATHEMATICS (4 UNITS)</strong></td>
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<td>One (1) 4-unit course from the following:</td>
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<td>Mathematics, Statistics, or Computer Science</td>
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<td><strong>PHYSICAL SCIENCE (4 UNITS)</strong></td>
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<td>One (1) 4-unit course from the following:</td>
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<td>Chemistry, Physics, or Geology</td>
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<tr>
<td>Two (2) additional 4-unit courses from Biological or Physical Sciences</td>
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Typical courses used to fulfill breadth requirements:

**HUMANITIES:**
Note: No more than two (2) courses in performance may be counted toward the Humanities requirement.

**Fine Arts:**
- Art (ART) 1, 2, 3, 4 (performance) 5, 6, 8, 9, 65, 66
- Art History (AHS) 7, 8, 10, 15, 17A, 17B, 17C, 21, 23, 27, 28
- Asian Studies (AST) 22, 23, 34, 47, 56, 63
- Creative Writing (CRWT) 12, 40, 41, 43, 45, 46S, 48 S, 56, 57A, 57B, 57C, 66, 76
- Dance (DNCE) 5 (performance), 7, 14, 19, 81
- Latin American Studies (LNST) 1, 15, 16, 17, 28,
- Media & Cultural Studies (MCS) 1, 4, 5, 6, 9, 10, 15, 20, 21, 22, 24, 36, 38, 44, 46, 47, 66
- Music (MUS) 1, 2, 3, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, 20, 30A, 30B, 30C, 31B, 31C
- Theater (TFDG) 10 (performance), 20, 21, 22, 42, 44, 50S, 52, 66, 67

**Literature:**
- Asian Studies (AST) 23, 34, 46, 56, 62, 63
- English (ENGL) 12A, 12B, 12C, 12D, 12 E-Z thru 22, 23
- Classics (CLA) 10A, 10B, 10C, 3 0, 40, 45, 50
- Comparative Literature (CPLT) 1 or 1W, 2, 12, 15,17A, 17B, 17C, 21, 22A, 22B, 23, 24, 25, 27, 28, 29, 62, 63

**Philosophy:**
- Philosophy (PHIL) 1, 2, 3, 3W, 3X, 4, 5, 6, 7, 8, 9, 9H, 30E-Z

**Religious Studies:**
- Religious Studies (RLST) 2, 3, 4, 5, 7, 7W, 10, 12, 12W (same as ETST12, 12W), 14, 15, 44

**Additional courses** that can be used for the unspecified portion of the Humanities Requirement:
- Asian Studies (AST) 23, 30, 34, 40, 45E-Z, 46, 47, 56, 63, 65
- Classics (CLA) 10C, 20, 30, 40
- Ethic Studies (ETST) 1, 3, 4, 5, 7, 8, 12, 12W (same as RLST12, 12W), 14 (same as MUS 14)
- Foreign Language (For B.S. at level 3 or above; For B.A. at level 4 or above)
- Gender & Sexuality Studies (GSST) 1, 2, 10, 20, 21, 22
- Global Studies (GBST) 1, 2
- History (HIST) 1, 4, 10, 15, 20, 17A, 17B, 30, 35, 36, 37 , 40W, 44, 44W, 45E-G, 51, 52, 75V, 99W
- Linguistics (LING) 20, 21
- Southeast Asian Studies (SEAS) 47, 62, 65, 63
- Urban Studies (URST) 10, 21

**SPECIAL SCIENCES:**
- Economics (ECON) 2, 3, 6 (Same as ENSC 6)
- Political Science (POSC) 5, 5W, 7, 10, 15, 17, 20
- Anthropology (ANTH) 1, 1W, 2, 3, 5, 6, 10, 12, 20, 27
- Psychology (PSY) 1, 2, 11, 12, 13, 49
- Sociology (SOC) 1, 1H, 2E-S, 3, 3H, 4, 5, 10, 11, 15, 20, 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, 12W
- Environmental Sciences (ENSC) 6 (same ECON 6)
- Gender & Sexuality Studies (GSST) 1S, 10, 11, 20, 21, 22, 30
- Global Studies (GBST) 1, 2
- Public Policy (PBPL) 1, 2, 4

*Note: The Neuroscience major requires 4 additional units both in the Humanities and Social Sciences areas.

*Note: The course used to fulfill the Ethnic Studies requirement can simultaneously be included in either the Humanities or Social Sciences area, but not both.

*Note: The Biological Science, Mathematics, Physical Science and additional science requirements will be primarily met by major requirements.
Typical courses used to fulfill breadth requirements:

**HUMANITIES:**

*Note: No more than two (2) courses in performance may be counted toward the Humanities requirement.*

**Fine Arts:**
- Art (ART) 1, 2, 3, 4 (performance) 5, 6, 8, 9, 65, 66
- Art History (AHS) 7, 8, 10, 15, 17A, 17B, 17C, 21, 23, 27, 28
- Asian Studies (AST) 22, 23, 24, 47, 56, 63
- Creative Writing (CRWT) 12, 40, 41, 43, 45, 46S, 48S, 56, 57A, 57B, 57C, 66, 76
- Dance (DNCE) 5 (performance), 7, 14, 19, 81
- Latin American Studies (LNST) 1, 15, 16, 17, 28
- Media & Cultural Studies (MCS) 1, 4, 5, 6, 9, 10, 15, 20, 21, 22, 24, 36, 38, 44, 46, 47, 66
- Music (MUS) 1, 2, 3, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, 20, 30A, 30B, 30C, 31B, 31C
- Theater (TFDG) 10 (performance), 20, 21, 22, 42, 44, 50S, 52, 66, 67

**Literatures:**
- Asian Studies (AST) 23, 34, 46, 56, 62, 63
- English (ENGL) 12A, 12B, 12C, 12D, 12 E-Z thru 22, 23
- Classics (CLA) 10A, 10B, 10C, 30, 40, 45, 50
- Comparative Literature (CPLT) 1 or 1W, 2, 12, 15, 17A, 17B, 17C, 21, 22A, 22B, 23, 24, 25, 27, 28, 29, 62, 63
- Philosophy
- Philosophy (PHIL) 1, 2, 3, 3W, 3X, 4, 5, 6, 7, 8, 9, 9H, 30E-Z
- Religious Studies
- Religious Studies (RLST) 2, 3, 4, 5, 7, 7W, 10, 12, 12W (same as ETST12, 12W), 14, 15, 44

**Additional courses that can be used for the unspecified portion of the Humanities Requirement:**
- Asian Studies (AST) 23, 30, 34, 40, 45E-Z, 46, 47, 56, 63, 65
- Classics (CLA) 10C, 20, 30, 40
- Ethnic Studies (ETST) 1, 3, 4, 5, 7, 8, 12, 12W (same as RLST12, 12W), 14 (same as MUS 14)
- Foreign Language (For B.S. at level 3 or above; For B.A. at level 4 or above)
- Gender & Sexuality Studies (GSST) 1, 2, 10, 20, 21, 22
- Global Studies (GBST) 1, 2
- History (HIST) 1, 4, 10, 15, 20, 17A, 17B, 30, 35, 36, 37, 40W, 44, 44W, 45E-G, 51, 52, 75V, 99W
- Linguistics (LING) 20, 21
- Southeast Asian Studies (SEAS) 47, 62, 65, 63
- Urban Studies (URST) 10, 21

**SOCIAL SCIENCES:**
- Economics (ECON) 2, 3, 6 (Same as ENSC 6)
- Political Science (POSC) 5, 5W, 7, 10, 15, 17, 20
- Anthropology (ANTH) 1, 1W, 2, 3, 5, 6, 10, 12, 20, 27
- Psychology (PSY) 1, 2, 11, 12, 13, 49
- Sociology (SOC) 1, 1H, 2E-S, 3, 3H, 4, 5, 10, 11, 15, 20, 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, 12W
- Environmental Sciences (ENSC) 6 (same ECON 6)
- Gender & Sexuality Studies (GSST) 1S, 10, 11, 20, 21, 22, 30
- Global Studies (GBST) 1, 2
- Public Policy (PBPL) 1, 2, 4

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**HUMANITIES (20 UNITS)**

One (1) 4-unit course from the following:
- World History 10, 15, or 20

One (1) 4-unit course from the following:
- Fine Arts (Art; Art History; Creative Writing; Dance; Music; Theatre)

Two (2) 4-unit courses from the following:
- Literature; Philosophy; Religious Studies

One (1) additional 4-unit course from the subjects listed above:

**SOCIAL SCIENCES (16 UNITS)**

One (1) 4-unit course from the following:
- Economics, Political Science

One (1) 4-unit course from the following:
- Anthropology, Psychology, Sociology

Two (2) additional 4-unit course from the subjects listed above:

**ETHNIC STUDIES (4 UNITS)**

One (1) 4-unit Ethnic Studies course

*Note: The course used to fulfill the Ethnic Studies requirement can simultaneously be included in either the Humanities or Social Sciences area, but not both.

**FOREIGN LANGUAGE(S) PROFICIENCY**

Level 4 in one Language (acceptable for all majors)

OR

Level 2 in two different Languages (excluding BIOL & NURO)

**BIOLOGICAL SCIENCES (4 UNITS)**

One (1) 4-unit course (with lab) from the following:
- Biochemistry, Biology, Entomology, Botany and Plant Sciences, Plant Pathology and Microbiology

**MATHEMATICS (4 UNITS)**

One (1) 4-unit course from the following:
- Mathematics, Statistics, or Computer Science

**PHYSICAL SCIENCE (4 UNITS)**

One (1) 4-unit course from the following:
- Chemistry, Physics, or Geology

Two (2) additional 4-unit courses from Biological or Physical Sciences:

*Note: The Biological Science, Mathematics, Physical Science and additional science requirements will be primarily met by major requirements.*