Butler University
College of Education
Teacher Licensing
Curriculum Sheets
License Requirements for students entering Program Fall 2019 and later

Butler University Major: Middle/Secondary Education
Butler University Degree: Bachelor of Science (COE); second major (LAS)*
License: BIOLOGY Teaching Content Area 5-12
*see LAS advisor for additional requirements

SECTION A. GENERAL EDUCATION REQUIREMENTS

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYS</td>
<td>First-Year Seminar – Self, Community, and the World (6 credit hours) (courses must be completed with a grade of “C” or better)</td>
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<tr>
<td>GHS</td>
<td>Global and Historical Studies (6 credit hours)</td>
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<tr>
<td>ICR</td>
<td>Indianapolis Community Requirement (ED 227S, ED 228S)</td>
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<tr>
<td>BCR</td>
<td>Butler Cultural Requirement (8 events prior to graduation)</td>
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<tr>
<td>WAC</td>
<td>Writing across the Curriculum (ED434WC)</td>
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<tr>
<td>SAC</td>
<td>Speaking across the Curriculum (ED434WC)</td>
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</tbody>
</table>

**6 Areas of Inquiry:**

1. TI: Text and Ideas - Humanities 3 hours
2. PCA: Perspectives in the Creative Arts – Fine Arts 3 hours
3. SW: Perspectives in the Social World – Social Sciences 0 hours
   College of Education students are exempt from this area of inquiry
4. NW: The Natural World [see Content Requirements-Section B]
5. AR: Analytical Reasoning [AR 210 or AR 212 recommended] 3 hours
6. PWB: Physical Well Being 1 hour

SECTION B. CONTENT AREA COURSES

(courses must be completed with a grade of “C” or better)

Updated Fall 2019 - Subject to change pending modification by the Indiana Department of Education
Biology License Requirements for Grades 5-12

**Major Field Test** – senior year – scheduled with Biology Department in fall or spring

**52 hours**

**Biology major courses: (18)**

- BI 111  Contemporary Issues in Biology (1)
- BI 210  Genetics – Fundamentals (4)
- BI 220  Cellular and Molecular Biology – Fundamentals (4)
- BI 230  Ecology and Evolutionary Biology – Fundamentals (5)
- BI 299  Biology Seminar (1 – P/F) – Spring second year of major
- BI 480  Senior Biology Capstone (3)--Taken junior year

**Biology electives: (19)**

4 courses with lab (4 credits each)
3 hours of electives--consider TA/Lab Assistantship to fulfill the elective requirement

**Science Support Courses: (15)**

- NW COE  Earth Systems Science (5)
- NW PH or AS: The Physical World (5) OR Astronomical Universe (5)
- NW CH  Chemistry and Society (5)

**NOTE:** For Biology and Education **double major** in LAS and COE **(130 hours required for the double major):** CH 105 and CH 106 (10); will not take NW CH, but must still take NW COE and NW PH/AS
FL 6 hours

**C. PROFESSIONAL EDUCATION COURSES**  **45 Hours**

**(courses must be completed with a grade of “C” or better)**

**COE CORE I:**

- ED 199  Exploring Educator Identity (5)
  - Must Complete COE CORE I classes with a C (2.0) or better and other accepted benchmark indicators before moving into COE CORE II.
  - Must purchase Taskstream subscription. May purchase subscription each year or one-time multi-year subscription.

**COE CORE II:**

- ED 299  Integrated Foundations of Teacher Education (6)
- ED 242  Foundations of Special Education (2) *Required co-enrollment with ED 299.

At the completion of COE CORE II student must apply to be admitted to Teacher Education/COE CORE III.

**COE CORE III Program Specific: (must be admitted to Teacher Education)**

- ED 227S  Introduction to Middle-Secondary Students and Schools (3)
- ED 228S  Content Area Literacy in Middle-Secondary Curriculum (3)
- ED 398  Multilingual Learners and Their Cultural Contexts (3)

Updated Fall 2019
**ED 498**  Methods for Teaching Multilingual Learners (3)
**ED 492**  Special Education Law (1)
**ED 327**  Curriculum and Instructional Strategies for Middle Schools (3):
Prerequisites ED 227S and ED 228S – Spring only, Junior year is optimal*

*Students planning on student teaching next academic year must attend information sessions and submit specific documents to the College of Education in order to ensure proper and appropriate placement.

**ED 433**  Content Area Methods for High School (4) – Fall only
Prerequisite ED 327

### COE CORE IV: Student Teaching Courses
- **ED 434WC**  Secondary Student Teaching Professional Seminar (2)
- **ED 423**  Student Teaching (5)(Middle Level Student Teaching)
- **ED 425**  Secondary Student Teaching (5) (High School)

### D. ELECTIVES

**NOTE:** 126 hours are required for graduation from the University. At least 40 of the 126 hours needed for graduation must be in upper division courses – courses numbered 300 or above.

### E. TESTING REQUIREMENTS

Information will be available through the COE website and the Director of Student Personnel Services in the College of Education SCMB 105: 317-940-9331.

Content tests are required for teaching licensure in the state of Indiana. The tests measure understanding of the content and methods applicable to the specific subject areas.

**edTPA for Secondary Science is required to be submitted to Pearson for national scoring during Phase I of Student Teaching.**

### F. CPR/HEIMLICH/AED and SUICIDE AWARENESS/PREVENTION

Applicants who receive an ‘initial’ teacher’s license must have successfully completed training in:

1. cardiopulmonary resuscitation that includes a test demonstration on a mannequin;
2. removing a foreign body causing an obstruction in an airway, and Heimlich Maneuver;
3. AED; and
4. suicide awareness/prevention

**A copy of your CPR/Heimlich/AED certification is required for original licensure.**
**A certificate verifying your successful completion of a suicide awareness/prevention module is required for original licensure.**
Please note: If you follow this specified plan you will have met the core curriculum course requirements, the Butler University graduation course requirements, and the initial Indiana licensing course requirements.