**B.A. HUMAN BIOLOGY**

**BIOLOGY**

Use this check sheet with your Degree Progress Report (DPR).

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### KU CORE REQUIREMENTS

See [https://kucore.ku.edu/fulfilling-the-core](https://kucore.ku.edu/fulfilling-the-core) for approved KU Core courses and/or experiences. PSYC 104 recommended.

#### Goal 1. Critical Thinking & Quantitative Literacy
- Outcome 1  
  *(Can be satisfied by degree reqs.)*
- Outcome 2  
  *(Can be satisfied by degree reqs.)*

#### Goal 2. Communication
- Outcome 1
  - 2 units of Outcome 1 satisfied by "First-year Writing" BA degree req of ENGL 101/eqiv ACT/SAT/AP* and "Critical Reading & Writing" BA degree req of ENGL 102/105/AP.
- Outcome 2

#### Goal 3. Breadth of Knowledge
- Arts & Humanities
- Social Sciences
- Natural Sciences *(Can be satisfied by degree reqs.)*

#### Goal 4. Culture & Diversity
- Outcome 1
- Outcome 2

#### Goal 5. Social Responsibility & Ethics
- 

#### Goal 6. Integration & Creativity
*(Can be satisfied by degree reqs.)*

**Second Language Proficiency/Third-level & Additional Foreign Language Course.**  
☐  
Demonstrate equivalent of initial 4 semesters in a language other than English OR demonstrate equivalent of initial 3 semesters of study in one language AND the equivalent of the initial semester of study in another language.

*Students who place in ENGL 102/105 by examination must complete ENGL 102/105 and another course meeting Goal 2, Learning Outcome 1 of the KU Core.*

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### GENERAL SCIENCE REQUIREMENTS (min 34 h)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology Orientation Seminar (1)</td>
</tr>
<tr>
<td>ANTH 345</td>
<td>Intro Human Evolutionary Biol (4)</td>
</tr>
<tr>
<td>BIOL 150/151</td>
<td>Prin Molecular &amp; Cell Biol (4)</td>
</tr>
<tr>
<td>BIOL 152/153</td>
<td>Prin Organismal Biology (4)</td>
</tr>
<tr>
<td>MATH 115 &amp; 116</td>
<td>Calculus I &amp; II (6) OR</td>
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<tr>
<td>MATH 125</td>
<td>Calc I (4)</td>
</tr>
<tr>
<td>CHEM 130</td>
<td>Chemistry I (5)</td>
</tr>
<tr>
<td>CHEM 135</td>
<td>Chemistry II (5)</td>
</tr>
<tr>
<td>PHSX 114</td>
<td>College Physics I (4) OR PHSX 211+216 General Physics I (5)</td>
</tr>
<tr>
<td>BIOL 570</td>
<td>Intro Biostatistics (4)* OR PSYC 210 Statistics Psychol Research</td>
</tr>
<tr>
<td>MATH 365</td>
<td>Elementary Statistics (3)</td>
</tr>
</tbody>
</table>

**Complete 2 of 4 categories below. Course selections must include ≥ 3 h of lab credit, 400-level or above:**  
___ (___ h)  
___ (___ h)

- **Development and Genetics Category (9 h):**
  - ☐  
  - ☐  
  - ☐  
  - ☐  
  - ☐  
  - ☐  

#### 6 h selected from the following:
- ABSC/PSYC 535 Developmental Psychopathology (3);
- ANTH 762 Human Growth & Development (3);
- BIOL 405 Lab in Genetics (2-3);
- BIOL 416 Cell Structure & Function (3);
- BIOL 595 Human Genetics (3);
- BIOL 655 Behavioral Genetics (3);
- BIOL 688 Molecular Biology of Cancer (3);
- PSYC 333 Child Development (3);
- PSYC 430 Cognitive Development (3);
- PSYC 531 Language Development (3);
- SPLH 566 Language Development (3)

- **Anatomy and Physiology Category (10 h):**
  - ☐  
  - ☐  
  - ☐  
  - ☐  
  - ☐  
  - ☐  

#### 6 h selected from the following:
- ANTH 542 Biology Human Nutrition (4);
- ANTH 648 Human Osteology (4);
- BIOL 435 Introd Neurobiology (3);
- BIOL 440 Advanced Human Anatomy (lect & lab ) (6);
- BIOL 600 Introtd Biochemistry (3);
- BIOL 637 Introd Biochemistry Lab (2);
- BIOL 647 or BIOL 547 Mammalian Physiology Lab (2);
- PSYC 370 Behavioral Neuroscience (3);
- PSYC 375 or PSYC 475 Cognitive Neuroscience (3);
- PSYC 380 Clinical Neuroscience (3)

- **Evolution, Ecology, and Adaptation Category (10 h):**
  - ☐  
  - ☐  
  - ☐  

#### 6 h selected from the following:
- ANTH 340 Human Variation & Evolution (3);
- ANTH 341 Human Evolution (3);
- ANTH 350 Human Adaptation (3);
- ANTH 652 Population Dynamics (3);
- BIOL 414 Prin Ecology (3);
- BIOL 668 Evolutionary Ecology (3); PSYC 555 Evolutionary Psychology (3)

- **Human Disease Category (9 h):**
  - ☐  
  - ☐  
  - ☐  

#### 6 h selected from the following:
- BIOL 402 Microbiology Lab (2);
- BIOL 555 Evolution of Human Diseases (3);
- BIOL 503 Immunology (3);
- BIOL 504 Immunology Lab (2);
- BIOL 506 Bacterial Infectious Diseases (3);
- BIOL 507 Pathogenic Microbiology Lab (2);
- BIOL 512 General Virology (3);
- BIOL 513 Virology Lab (2);
- BIOL 518 Microbial Genetics (3);
- BIOL 519 Microbial Genetics Lab (2);
- BIOL 595 Human Genetics (3);
- BIOL 616 Medical Terminology (3);
- BIOL 688 Molecular Biology of Cancer (3)

- **Completed the minimum General Science and major requirements**

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**KU Human Biology Program (humanbio.ku.edu)**

For students entering KU in/after Fall 2017

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<table>
<thead>
<tr>
<th>Requirement</th>
<th>Min. Credit Hrs.</th>
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<tbody>
<tr>
<td>General Science and major requirements</td>
<td>≥ 66 h</td>
</tr>
<tr>
<td>Human Biology</td>
<td>≥ 32 Jr/Sr h</td>
</tr>
</tbody>
</table>

Double majors must complete ≥ 15 h in the major (i.e., not in Core Reqs or General Science Reqs) that are unique to that major.

**At least 120 h (of which 45 must be Jr/Sr h)—courses numbered 300 or above must be completed for graduation.**

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1/4/2018