B.S. IN ANIMAL BEHAVIOR — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2014 or after

<table>
<thead>
<tr>
<th>Credit hours:</th>
<th>Purpose:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currently enrolled in: _____</td>
<td></td>
<td></td>
</tr>
<tr>
<td>semester: ______________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Currently enrolled in: _____</td>
<td></td>
<td></td>
</tr>
<tr>
<td>semester: ______________</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CASE REQUIREMENTS:**
- Public Oral Communication (COLL-P 155)
- English Composition
- Mathematical Modeling (fulfilled by major)
- Critical Approaches to the Arts and Sciences—must be done at IUB
- CASE A&H—2 courses; will count 2 GenEd; need: ______
- CASE S&H—2 courses; will count 2 GenEd; need: ______
- CASE N&M—fulfilled by major
- Intensive Writing (IW)—must be done at IUB
- Foreign Language (FL)—3rd semester proficiency

**ANIMAL BEHAVIOR MAJOR REQUIREMENTS:**
Major requirements must be completed with a C- or better.
- 18 hours in the major at the 300/400 level: _____ needed
- 18 hours in the major at IUB: _____ needed
- Major GPA of 2.00 or higher. Major GPA: ______
- BIOL-L 111
- BIOL-L 112
- PSY-P 101 OR P 155
- OR BIOL-Z 460
- OR BIOL-Z 469
- OR GEOL-G 349
- OR PSY-P 426
- OR SPEA-E 455
- OR SPEA-E 461

**IUB GENERAL EDUCATION REQUIREMENTS:**
- Foundations:
  - English Composition
  - Mathematical Modeling (fulfilled by major)
- Breadth of Inquiry:
  - Arts & Humanities (A&H)—6 credits; need: ______
  - Social & Historical (S&H)—6 credits; need: ______
  - Natural & Mathematical (N&M)—fulfilled by major
- World Languages & Cultures:
  - World Language—4th semester proficiency
  - World Cultures—6 credits
  - Approved international experience

GenEd residency complete: Yes No If no, you need: ______

**TOTAL HOURS REQUIREMENTS:**
- Major Hours (A) 30
- College Elective Hours (B) 0
- Elective Outside Hours (C)* 0
- Total College Hours (A+B) 100
- Total Credit Hours (A+B+C) 120
- 300/400-level Hours 36
- IUB Residency after 60 credits 36

<table>
<thead>
<tr>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
</tr>
</thead>
</table>

* Maximum of 20 Elective Outside Hours (C) allowed

**IPRP:** Yes No If yes, needed credit hours may not be accurate.

**MATH**
- MATH-M 119 OR M 211

**STATISTICS**
- PSY-K 300 or 310, SPEA-K 300 or 310, STAT-S 300 or 303, STAT-K 310 or S 320, LAMP-L 316, OR MATH-K 300

**ETHICS**
- PHIL-P 140, PHIL-P 242, PHIL-P 393, OR HPSC topical course in ethics

- 2 formal laboratory courses from the following list: ANTH-B 301, BIOL-L 113 (or BIOL-H 112), BIOL-Z 373, BIOL-Z 375, BIOL-L 376, BIOL-Z 406, BIOL-L 433, BIOL-P 451, BIOL-L 465, BIOL-Z 469, BIOL-L 474, GEOL-G 349, PSY-P 426, SPEA-E 455, SPEA-E 461

- Supervised research (3 cr. min.) OR 1 more lab course from above list: ______

See reverse for list of supervised research courses.

**Overall College GPA of 2.00 or higher is required.**
College GPA: __________
### PERSPECTIVES IN ANIMAL BEHAVIOR

**Required Perspectives in Animal Behavior Courses** (choose at least 2 from each of the three sections plus an additional 2 courses from this list or from required laboratory or supervised research courses below. Additional animal behavior-related courses can be applied to this requirement with consent of department; 24 credit hours).

#### Evolutionary/Ecological Perspectives
- ABEH-A 401 Topical Issues in Animal Behavior (1–3 cr.)\(^1\)
- ANTH-B 368 Evolution of Primate Social Behavior (3 cr.)
- BIOL-L 307 Biodiversity (3 cr.)
- BIOL-L 318 Evolution (3 cr.)
- BIOL-L 318 Evolution, Honors (4 cr.)
- BIOL-L 340 Biological Bases of Sex Differences (3 cr.)\(^2\)
- BIOL-L 369 Heredity, Evolution, and Society (3 cr.)
- BIOL-Z 374 Invertebrate Zoology (3 cr.)
- BIOL-L 423 Brain, Behavior and Evolution (3 cr.)\(^2\)
- BIOL-L 473 Ecology (3 cr.)
- BIOL-Z 476 Biology of Fishes (3 cr.)
- GEOL-G 341 Natural History of Coral Reefs (3 cr.)
- GEOL-G 349 Field Geo-Paleoanthropology in Tanzania (6 cr.)
- SPEA-E 457 Intro. to Conservation Biology (3 cr.)
- SPEA-E 460 Fisheries and Wildlife Management (3 cr.)

#### Mechanisms of Behavior Perspectives
- ABEH-A 401 Topical Issues in Animal Behavior (1–3 cr.)\(^1\)
- ANTH-B 340 Hormones and Human Behavior (3 cr.)
- BIOL-L 340 Biological Bases of Sex Differences (3 cr.)\(^2\)
- BIOL-L 423 Brain, Behavior, and Evolution (3 cr.)\(^2\)
- BIOL-Z 463 Comparative Neurobiology of Animal Behavior (3 cr.)
- BIOL-Z 466 Endocrinology (3 cr.)
- PHSL-P 416 Comparative Animal Physiology (3 cr.)
- PSY-P 326 Behavioral Neuroscience (3 cr.) OR PSY-P 346 Neuroscience (3 cr.)
- PSY-P 407 Drugs and the Nervous System (3 cr.)
- PSY-P 409 Neural Bases of Sensory Function (3 cr.)
- PSY-P 410 Development of the Brain and Behavior (3 cr.)\(^2\)
- PSY-P 411 Neural Bases of Learning and Memory (3 cr.)\(^2\)
- PSY-P 456 Reproductive Neuroscience (3 cr.)
- PSY-P 469 Stress Effects on Brain and Behavior (3 cr.)

#### Environmental/Developmental/Cognitive Perspectives
- ABEH-A 401 Topical Issues in Animal Behavior (1–3 cr.)\(^1\)
- ANTH-B 200 Bioanthropology (3 cr.)
- ANTH-E 200 Social and Cultural Anthropology (3 cr.)
- ANTH-L 200 Language and Culture (3 cr.)
- BIOL-L 317 Developmental Biology (3 cr.)
- COGS-Q 240 Foundations of Cognitive Science (4 cr.)
- COGS-Q 301 Brain and Cognition (3 cr.)
- LING-L 214 Animal Communication (3 cr.)\(^3\)
- PHIL-P 360 Introduction to Philosophy of Mind (3 cr.)
- PSY-P 325 Psychology of Learning (3 cr.)
- PSY-P 327 Psychology of Motivation (3 cr.)
- PSY-P 329 Sensation and Perception (3 cr.)
- PSY-P 330 Perception/Action (3 cr.)
- PSY-P 410 Development of the Brain and Behavior (3 cr.)\(^2\)
- PSY-P 411 Neural Bases of Learning and Memory (3 cr.)
- PSY-P 416 Evolution and Ecology of Learning (3 cr.)
- PSY-P 444 Developmental Psychobiology (3 cr.)

#### Supervised Research/Internship
*(3 credit hours minimum; laboratories must be affiliated with CISAB)*

- ABEH-A 495 Animal Behavior Internship
- ANTH-A 406 Fieldwork in Anthropology
- ANTH-A 408 Museum Practicum in Anthropology
- ANTH-A 496 Field Study in Anthropology
- BIOL-L 490 Research in Biology
- CHEM-C 409 Research in Chemistry
- COGS-Q 493 Research in the Cognitive and Information Sciences
- COGS-Q 495 Project in the Cognitive and Information Sciences
- COGS-Q 498 Readings in the Cognitive and Information Sciences
- COGS-Q 499 Honors Research Project in the Cognitive and Information Sciences
- PHYS-S 406 Research Project
- PSY-P 493 Supervised Research I
- PSY-P 494 Supervised Research II
- PSY-P 499 Honors Thesis Research

---

\(^1\) Topic of ABEH-A 401 must be in appropriate perspective area.

\(^2\) Course may be counted in only one perspectives area.

\(^3\) LING-L 214 with Animal Communication topic also fulfills this requirement.