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>
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<tr>
<td>Currently enrolled in: _____ semester: ___________</td>
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**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

**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
  - OR World Cultures—6 credits
  - OR Approved international experience
- GenEd residency complete: Yes No If no, you need: ______

**TOTAL HOURS REQUIREMENTS:**
- Major Hours (A) 30
- College Elective Hours (B)
- 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
- * Maximum of 20 Elective Outside Hours (C) allowed

**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 2.000 or higher. Major GPA: ______
- BIOL-L 111
- BIOL-L 112
- PSY-P 101 OR P 155
- BIOL-Z 460
- One additional introductory science course from the following list:
  - CHEM-C 101/C 121, CHEM-C 103, CHEM-C 117/C 127, CHEM-S 117, GEOL-G 104 or S 104, GEOL-G 105, GEOL-G 114, PHYS-P 105, PHYS-P 201, MATH-M 118, MATH-M 212, MATH-S 212, CSCI-A 110, OR CSCI-C 211

**PERSPECTIVES** See list on reverse and fill in courses below.
- Evolutionary/Ecological
- Mechanisms of Behavior
- Environmental/Developmental/Cognitive

2 additional courses from: list on reverse or formal labs or supervised research courses

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

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

**ETHICS**
- REL-R 170, PHIL-P 140, PHIL-P 242, PHIL-P 393, OR HPSC topical ethics course
- 2 formal laboratory courses from the following list:

- Supervised research (3 cr. min.) OR 1 more lab course from above list: ______
  See reverse for list of supervised research courses.
Perspectives in Animal Behavior

Required Perspectives in Animal Behavior courses: choose at least 2 from each of the three areas, plus an additional 2 courses from this list or from required formal laboratory course list or supervised research courses shown in box below. Additional animal behavior-related courses may 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-S 318 Evolution, Honors (4 cr.)¹
- 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 453 Sensory Ecology (3 cr.)
- 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-X 377 Field Geo-Paleoanthropology in Tanzania (6 cr.)
- GEOL-G 404 Geobiology (3 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.)
- 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 417 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 335 Cognitive Psychology (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-X 473 (or ABEH-A 495) Animal Behavior Internship
- ANTH-X 476 (or ANTH-A 408) Museum Practicum
- ANTH-X 477 (or ANTH-A 406) Fieldwork in Anthropology
- ANTH-X 478 (or ANTH-A 496) Field Study in Anthropology
- BIOL-X 490 (or BIOL-L 490) Research in Biology
- CHEM-X 399 (or CHEM-C 409) Research in Chemistry
- COGS-X 497 (or COGS-Q 493) Research in the Cognitive and Information Sciences
- COGS-X 498 (or COGS-Q 495) Project in the Cognitive and Information Sciences
- COGS-X 490 (or COGS-Q 498) Readings in the Cognitive and Information Sciences
- COGS-Q 499 Honors Research Project in the Cognitive and Information Sciences
- PHYS-X 498 (or PHYS-S 406) Research Project
- PSY-X 497 (or PSY-P 493) Supervised Research I
- PSY-X 498 (or 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 210 with Animal Communication topic also fulfills this requirement.