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

**Student Name/ID:** _____________________________________  **Purpose:**  ______________________________        **Date:** __________________ 

**Credit hours:**
- Currently enrolled in: ______  semester: ______________
- Currently enrolled in: ______  semester: ______________

**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

**AFTER SUCCESSFUL COMPLETION OF CURRENT ENROLLMENT, YOU NEED THE FOLLOWING:**

**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

**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 469
- 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
- Two formal laboratory courses from the following list: ANTH-B 301, BIOL-L 113 (or BIOL-H 112), BIOL-Z 373, BIOL-Z 375, BIOL-Z 406, BIOL-Z 469, 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

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

- Overall College GPA of 2.000 or higher is required. College GPA: ____________

- **Math**
  - MATH-M 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

- **Perspectives**
  - Evolutionary/Ecological
  - Mechanisms of Behavior
  - Environmental/Developmental/Cognitive

- **Overall College GPA of 2.000 or higher is required. College GPA: ____________**

- **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.)
- 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.)
- 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.)
- 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-G 349 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.)
- ANTH-B 340 Hormones and Human Behavior (3 cr.)
- BIOL-L 340 Biological Bases of Sex Differences (3 cr.)
- BIOL-L 423 Brain, Behavior, and Evolution (3 cr.)
- 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.)
- PSY-P 411 Neural Bases of Learning and Memory (3 cr.)
- 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.)
- 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.)
- 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.)
- 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.