### B.S. IN ANIMAL BEHAVIOR — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2019 through spring 2020

**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
- 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 inside the College
- 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
- 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:**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
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<tbody>
<tr>
<td>Major Hours (A)</td>
<td>45</td>
<td></td>
<td></td>
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<tr>
<td>College Elective Hours (B)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Elective Outside Hours (C)*</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Total College Hours (A+B)</td>
<td>100</td>
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<tr>
<td>Total Credit Hours (A+B+C)</td>
<td>120</td>
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<tr>
<td>300/400-level Hours</td>
<td>36</td>
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<tr>
<td>IUB COLL Res. after 60 credits</td>
<td>36</td>
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*Maximum of 20 Elective Outside Hours (C) allowed*

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

**Overall College GPA of 2,000 or higher is required.**

College GPA:

**CASE REQUIREMENTS:**
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- Mathematical Modeling
- 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
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**ANIMAL BEHAVIOR MAJOR REQUIREMENTS:**
Major requirements must be completed with a C- or better. *Addenda Requirements (marked with * below) must be completed with a C- or better, but they do not count toward major GPA or major hours.*

- Major GPA of 2,000 or higher. Major GPA: ______
- 45 hours in major courses: ______ needed
- 18 hours in major at 300/400 level: ______ needed

**STATISTICS**
- ECON-E 370, PSY-K 300 or PSY-K 310, SOC-S 371, SPEA-K 300, STAT-S 300 or STAT-S 303, STAT-K 310 or STAT-S 320, OR LAMP-L 316

**ETHICS**
- REL-R 170, PHIL-P 140 (if taken Spring 2020 or prior), PHIL-P 141, PHIL-P 242, PHIL-P 393, OR HPSC-X 111

**Perspectives**

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

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

**Supervised research or internship (3 cr. min.) OR 1 more formal lab course:**

*See reverse for list of supervised research courses. Research experience must be approved in advance.*
PERSPECTIVES IN ANIMAL BEHAVIOR

Required Perspectives in Animal Behavior courses: choose at least 2 courses 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 The Evolution of Primate Social Behavior (3 cr.)
ANTH-B 400 Undergrad Seminar with topic Chimpanzee Behavior/Legacy of Jane Goodall
ANTH-B 466 The Primates (3 cr.)
BIOL-L 307 Biodiversity (3 cr.)²
BIOL-L 318 Evolution (3 cr.) OR BIOL-S 318 Evolution, Honors (4 cr.)
BIOL-L 340 Biological Basis of Sex Differences (3 cr.)³
BIOL-L 369 Heredity, Evolution, and Society (3 cr.)
BIOL-L 423 Brain, Behavior and Evolution (3 cr.)³
BIOL-L 453 Sensory Ecology (3 cr.)³
BIOL-Z 374 Invertebrate Zoology (3 cr.)
BIOL-Z 476 Biology of Fishes (3 cr.)
EAS-E 341 Natural History of Coral Reefs (3 cr.)
EAS-X 377 Field Geo-Paleoanthropology (Olduvai Gorge, Tanzania) (6 cr.)²
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 Basis of Sex Differences (3 cr.)³
BIOL-L 423 Brain, Behavior, and Evolution (3 cr.)³
BIOL-L 453 Sensory Ecology (3 cr.)³
BIOL-Z 462 Genetics of Behavior (3 cr., P or C: BIOL-L 311)
BIOL-Z 463 Comparative Neurobiology of Animal Behavior (3 cr.)
BIOL-Z 466 Endocrinology (3 cr.)
PSY-P 346 Neuroscience (3 cr.) OR PSY-P 326 Behavioral 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.)³
PSY-P 411 Neural Bases of Learning and Memory (3 cr.)³
PSY-P 456 Reproductive Neuroscience (3 cr.)
PSY-P 457 Topics in Psychology with topic The Social Brain (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-B 400 with topic Evolution of Human Cognition (3 cr.)
ANTH-E 200 Social and Cultural Anthropology (3 cr.)
ANTH-L 200 Language and Culture (3 cr.)
BIOL-L 417 Stem Cells in Development, Disease, and Regeneration (3 cr.)
COGS-Q 240 Philosophical Foundations of Cognitive & Info. Sciences (4 cr.)
COGS-Q 301 Brain and Cognition (3 cr.)
INFO-I 400 Topics in Informatics with topic Animal-Computer Interaction (3 cr.)
LING-L 214 Animal Communication (3 cr.)⁴
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.)³
PSY-P 411 Neural Bases of Learning and Memory (3 cr.)³
PSY-P 416 Evolution and Ecology of Learning (3 cr.)
PSY-P 444 Developmental Psychobiology (3 cr.)

Supervised Research/Internship
Research experience must be approved in advance. 3 credit hours minimum; laboratories must be affiliated with CISAB. See CISAB website for details.

ABEH-X 473 Animal Behavior Internship
ABEH-X 491 Independent Study in Animal Behavior
ANTH-X 476 Museum Practicum
ANTH-X 477 Fieldwork in Anthropology
ANTH-X 478 Practicum in Anthropology
ANTH-X 479 Fieldwork in Bioanthropology
BIOL-X 490 (or BIOL-L 490) Research in Biology
CHEM-X 399 Chemical Research
COGS-X 497 Research in the Cognitive and Information Sciences
COGS-Q 498 Honors Project in the Cognitive and Information Sciences
COGS-Q 499 Honors Research Project in the Cognitive and Information Sciences
PHYS-X 498 Research Project
PSY-P 499 Honors Thesis Research
PSY-X 397 Supervised Research I
PSY-X 398 Supervised Research II
PSY-X 497 Supervised Research III
PSY-X 498 Capstone Supervised Research

¹ Topic of ABEH-A 401 must be in appropriate perspective area.
² Course counts either as formal lab or in Evolutionary/Ecological area, not both.
³ Course may be counted in only one perspectives area.
⁴ LING-L 210 with Animal Communication topic also fulfills this requirement.