B.S. IN ANIMAL BEHAVIOR — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2018 through spring 2019

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 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 (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:

<table>
<thead>
<tr>
<th></th>
<th>Required</th>
<th>Complete</th>
<th>Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Hours (A)</td>
<td>63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Elective Hours (B)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective Outside Hours (C)*</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total College Hours (A+B)</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours (A+B+C)</td>
<td>120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300/400-level Hours</td>
<td>36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IUB Residency after 60 credits</td>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Maximum of 20 Elective Outside Hours (C) allowed

Overall College GPA of 2.000 or higher is required.
College GPA: ______

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 118 OR approved topic of V 118 OR MATH-M 119 OR V 119 OR M 211

STATISTICS
- PSY-K 300 or PSY-K 310, 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, PHIL-P 242, PHIL-P 393, OR HPSC-X 111

- 2 formal laboratory courses from this list:

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

  See reverse for list of supervised research courses.
  * Research experience must be approved in advance.
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.)
ANTH-B 368 Evolution of Primate Social Behavior (3 cr.)
ANTH-B 400 Undergrad Seminar (topic: Chimp Behavior/Legacy of Jane Goodall)
ANTH-B 466 The Primates (3 cr.)
BIOL-L 307 Biodiversity (3 cr.)
BIOL-L 318 Evolution (3 cr.) OR BIOL-S 318 Evolution, Honors (4 cr.)
BIOL-L 369 Heredity, Evolution, and Society (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 374 Invertebrate Zoology (3 cr.)
BIOL-Z 476 Biology of Fishes (3 cr.)
EAS-E 341 Natural History of Coral Reefs (3 cr.)
GEOL-G 404 Geobiology (3 cr.)
EAS-X 377 Field Geo-Paleoanthropology (Olduvai Gorge, 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.)
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.)
PHSL-P 416 Comparative Animal Physiology (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.)
PSY-P 411 Neural Bases of Learning and Memory (3 cr.)
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.)
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 Philosophical Foundations of Cognitive & Info. Sciences (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**

★ 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 Field Study in Anthropology
ANTH-X 479 Fieldwork in Bioanthropology
BIOL-X 490 (or BIOL-L 490) Research in Biology
CHEM-X 399 Research in Chemistry
COGS-X 497 Research in the Cognitive and Information Sciences
COGS-X 498 Project in the Cognitive and Information Sciences
COGS-Q 499 Honors Research Project in the Cognitive and Information Sciences
PHYXS-X 498 Research Project
PSY-X 397 Supervised Research I
PSY-X 398 Supervised Research II
PSY-X 497 Supervised Research III
PSY-X 498 Capstone Supervised Research
PSY-P 499 Honors Thesis 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.