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: ______________

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

<table>
<thead>
<tr>
<th>CASE REQUIREMENTS:</th>
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<tbody>
<tr>
<td>□ Public Oral Communication (COLL-P 155)</td>
</tr>
<tr>
<td>□ English Composition</td>
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<tr>
<td>□ Mathematical Modeling (fulfilled by major)</td>
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<tr>
<td>□ Critical Approaches to the Arts and Sciences–must be done at IUB</td>
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<tr>
<td>□ CASE A&amp;H–2 courses; will count 2 GenEd; need: ______</td>
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<tr>
<td>□ CASE S&amp;H–2 courses; will count 2 GenEd; need: ______</td>
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<tr>
<td>□ CASE N&amp;M–fulfilled by major</td>
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<tr>
<td>□ Intensive Writing (IW)–must be done at IUB inside the College</td>
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<td>□ Foreign Language (FL)–3rd semester proficiency</td>
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</tbody>
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ANIMAL BEHAVIOR MAJOR REQUIREMENTS:

Major requirements must be completed with a C- or better.

- Major GPA of 2.000 or higher. Major GPA: ______  □ 18 hours in major at 300/400 level: ______ needed
- 63 hours in major courses: ______ needed  □ 18 hours in major at IUB: ______ needed
- BIOL-L 111 □ ABEH-A 200
- BIOL-L 112 □ ABEH-A 400
- 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, CSCI-A 110, CSCI-C 211, EAS-E 104, EAS-E 105, EAS-E 114, MATH-M 212, MATH-S 212, PHYS-P 105, OR PHYS-P 201

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-K 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
- □ 2 formal laboratory courses from this list:
  - □ Supervised research (3 cr. min.) OR 1 more lab course from above list: ______

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

Perspectives must be approved in advance.

Overall College GPA of 2.000 or higher is required.
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 340 Biological Bases of Sex Differences (3 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-Z 341 Natural History of Coral Reefs (3 cr.)
- BIOL-Z 377 Field Geo-Paleoanthropology (Olduvai Gorge, 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-L 453 Sensory Ecology (3 cr.)
- 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 407 Drugs and the Nervous System (3 cr.)
- PSY-P 409 Neural Bases of Learning and Memory (3 cr.)
- PSY-P 410 Development of the Brain and Behavior (3 cr.)
- PSY-P 416 Evolution and Ecology of Learning (3 cr.)
- PSY-P 444 Developmental Psychobiology (3 cr.)
- PSY-P 449 Reproductive Neuroscience (3 cr.)
- PSY-P 457 Topics in Psychology with topic The Social Brain (3 cr.)
- PSY-P 458 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-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 Developmental Biology (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.)
- 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
- PHYS-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.