B.S. IN ANIMAL BEHAVIOR — DEGREE REQUIREMENT CHECK SHEET for students who matriculated summer 2017 through spring 2018

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:

**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

**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
  - World Cultures—6 credits
  - Approved international experience

**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
- 18 hours in major at IUB: ______ needed
- BIOL-L 111
- BIOL-L 112
- ABEH-A 200
- 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

**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>30</td>
<td></td>
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<tr>
<td>College Elective Hours (B)</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

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

- 2 formal laboratory courses from the following list:
  - ABEH-A 350
  - ANTH-B 301
  - BIOL-L 113 (or BIOL-H 112), BIOL-L 307
  - BIOL-L 376
  - BIOL-L 433, BIOL-L 465
  - BIOL-L 474
  - BIOL-P 451
  - BIOL-Z 373, BIOL-Z 375
  - BIOL-Z 406, BIOL-Z 469
  - EAS-X 377
  - PSY-P 426
  - SPEA-E 455
  - SPEA-E 461

- 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.

Overall College GPA of 2.000 or higher is required.

College GPA:
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 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-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.)
- EAS-X 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 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-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-I 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

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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-I, 214 with Animal Communication topic also fulfills this requirement.