

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:

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:

| | Required | Complete | Needed |
|---------------------------------|----------|----------|--------|
| Major Hours (A) | 30 | | |
| College Elective Hours (B) | | | |
| Elective Outside Hours (C)* | 0 | | 0 |
| Total College Hours (A+B) | 100 | | |
| Total Credit Hours (A+B+C) | 120 | | |
| 300/400-level Hours | 36 | | |
| IUB COLL. Res. after 60 credits | 36 | | |

* *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:

- 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

ANIMAL BEHAVIOR MAJOR REQUIREMENTS:

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

- Major GPA of 2.000 or higher. Major GPA: _____
- 30 hours in major courses: _____ needed
- 18 hours in major at 300/400 level: _____ 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, GEOL-G 104 or
 S 104, GEOL-G 105, GEOL-G 114, MATH-M 212,
 MATH-S 212, PHYS-P 105, **OR** PHYS-P 201

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, PHIL-P 242, PHIL-P 393, **OR** HPSC topical ethics course

- 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, GEOL-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.*

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 Evolution of Primate Social Behavior (3 cr.)
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 Bases 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.)
BIOL-L 473 Ecology (3 cr.)
BIOL-Z 374 Invertebrate Zoology (3 cr.)
BIOL-Z 476 Biology of Fishes (3 cr.)
GEOL-G 341 Natural History of Coral Reefs (3 cr.)
GEOL-G 404 Geobiology (3 cr.)
GEOL-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.)

Environmental/Developmental/Cognitive Perspectives

ABEH-A 401 Topical Issues in Animal Behavior (1–3 cr.)¹
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.)
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.)

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 Bases of Sex Differences (3 cr.)³
BIOL-L 423 Brain, Behavior, and Evolution (3 cr.)³
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.)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.)

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 (or ABEH-A 495) Animal Behavior Internship
ANTH-X 476 (or ANTH-A 408) Museum Practicum
ANTH-X 477 (or ANTH-A 406) Fieldwork in Anthropology
ANTH-X 478 (or ANTH-A 496) Field Study in Anthropology
ANTH-X 479 Fieldwork in Bioanthropology
BIOL-X 490 (or BIOL-L 490) Research in Biology
CHEM-X 399 (or CHEM-C 409) Research in Chemistry
COGS-X 497 (or COGS-Q 493) Research in the Cognitive and Information Sciences
COGS-X 498 (or COGS-Q 495) Project in the Cognitive and Information Sciences
COGS-Q 499 Honors Research Project in the Cognitive and Information Sciences
PHYS-X 498 (or PHYS-S 406) Research Project
PSY-X 397 Supervised Research I
PSY-X 398 Supervised Research II
PSY-X 497 (or PSY-P 493) Supervised Research III
PSY-X 498 (or PSY-P 494) 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.