

PSYCHOLOGY, BACHELOR OF SCIENCE WITH A CONCENTRATION IN BRAIN AND COGNITIVE SCIENCES (B.S.)

Program Objectives

Upon completion of the Psychology degree graduates will:

1. Use critical reading skills to understand and apply the findings from research articles in psychology.
2. Recall and explain empirically generated psychological content.
3. Demonstrate professionally relevant skills in psychology.

Program Requirements

CIP Code: 42.0101

Summary Checklist for General Education

| Code | Title | Hours |
|------------------|---|-------|
| Element 1 | | |
| A: | Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| B: | Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| C: | Oral Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| Element 2 | | |
| | Quantitative Reasoning (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/) | 3 |
| Element 3 | | |
| A: | Arts (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/) | 3 |
| B: | Humanities (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/) | 3 |
| Element 4 | | |
| | Natural Sciences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/) | 6 |
| Element 5 | | |
| A: | Historical Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/) | 3 |
| B: | Social Behavioral Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/) | 3 |
| Element 6 | | |

| | |
|---|---|
| Diversity of Perspectives Experiences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/) | 6 |
|---|---|

Total Hours 36

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

Major

| Code | Title | Hours |
|------|-------|-------|
|------|-------|-------|

University Graduation Requirements

| | |
|-------------------|----|
| General Education | 36 |
|-------------------|----|

Student Success Seminar

| | | |
|---------|--|---|
| GSD 101 | Foundations of Learning (waived for transfers with 30+ hrs., not including AP and Dual Credit hours) | 3 |
|---------|--|---|

Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)

Major Requirements

Core Courses

| | | |
|------------|---|---|
| PSY 200 | Introduction to Psychology | 3 |
| PSY 240 | Scientific Literacy in Psychology | 3 |
| PSY 258 | Career Development in Psychology | 3 |
| PSY 340W | Research Literacy in Psychology | 3 |
| PSY 399 | Research Development Skills | 3 |
| or PSY 440 | Applied Scientific Literacy in Psychology | |
| PSY 499 | Senior Exit Course in Psychology | 0 |

Choose from at least three hours from each of the following areas: 18

Biological Bases of Behavior: ¹

| | | |
|----------|------------------------------|--|
| PSY 311 | Physiological Psychology | |
| PSY 315 | Sensation and Perception | |
| PSY 315L | Sensation and Perception Lab | |

Cognition/Learning:

| | | |
|----------------|---|--|
| PSY 317 & 317L | Cognitive Psychology and Cognitive Psychology Lab | |
| PSY 322 | Cognitive Development | |
| PSY 333 | Comparative Psychology | |

Developmental: ²

| | | |
|---------|----------------------------------|--|
| PSY 312 | Infant and Child Development | |
| PSY 314 | Adolescent and Adult Development | |
| PSY 316 | Aging and Senescence | |

Social Personality: ³

| | | |
|---------|---------------------------|--|
| PSY 300 | Social Psychology | |
| PSY 305 | Psychology of Personality | |
| PSY 308 | Abnormal Psychology | |

Skills: ⁴

| | | |
|---------|-----------------------------------|--|
| PSY 318 | Introduction to School Psychology | |
| PSY 319 | Psychology of Work | |
| PSY 405 | Intro to Interviewing/Therapy | |
| PSY 406 | Intro to Behavior Therapy | |
| PSY 327 | ABA for Behavior Technicians | |
| PSY 490 | Clinical Psychology | |
| PSY 590 | Tests and Measurements | |

Capstone:

| | | |
|---------|--------------------------------|--|
| PSY 349 | Applied Learning in Psychology | |
|---------|--------------------------------|--|

| | | |
|---|-----------------------------------|------------|
| PSY 400 | Senior Seminar:___ | |
| PSY 419 | Research Development Skills II | |
| PSY 579 | History and Systems Of Psychology | |
| Concentrations | | |
| Students may select one or more of the following Concentrations: ⁵ | | |
| Psychology (General) | | |
| Art Therapy | | |
| Substance Abuse | | |
| Developmental Disabilities/Autism Spectrum Disorders | | |
| Forensic Psychology | | |
| Child and Family Psychology | | |
| Psychology of the Workplace | | |
| Brain and Cognitive Sciences | | 31-32 |
| Psychiatric Rehabilitation | | |
| <i>Free Electives</i> | | 16-17 |
| Total Hours | | 120 |

1

Students in the Substance Abuse or Brain and Cognitive Science Concentrations must select PSY 311 Physiological Psychology for this group.

2

Students in the Child and Family Psychology must select PSY 312 Infant and Child Development; students in the Psychology of the Workplace Concentration must select either PSY 314 Adolescent and Adult Development or PSY 316 Aging and Senescence; students in the Art Therapy Concentration must select PSY 312 Infant and Child Development.

3

Students in the Substance Abuse, Autism Spectrum, Forensic, or Workplace, and Art Therapy Concentrations must select PSY 308 Abnormal Psychology.

4

Students in the Substance Abuse Concentration must select PSY 490 Clinical Psychology; students in the Child and Family Concentration must select PSY 406 Intro to Behavior Therapy; students in the Workplace or Art Therapy Concentration must select PSY 405 Intro to Interviewing/Therapy.

5

Those who do not choose one will be placed in the General Concentration.

A minimum grade of "C" is required in all courses counted toward the major.

Concentration

| Code | Title | Hours |
|-----------------------------------|--------------------------|-------|
| Concentration Courses | | |
| PSY 315 | Sensation and Perception | 3 |
| PSY 317 | Cognitive Psychology | 3 |
| PSY 513 | Mind and Brain | 3 |
| Choose from one of the following: | | 3 |
| PSY 322 | Cognitive Development | |
| PSY 333 | Comparative Psychology | |

| | | |
|-----------------------------------|---|--------------|
| PSY 497 | Advanced Topics in Psychology:___ (Must be approved) | |
| PSY 597 | Advanced Topics in Psychology:___ (Must be approved) | |
| Choose from one of the following: | | 3-4 |
| BIO 307 | Human Anatomy and Physiology I | |
| MAT 234 | Calculus I | |
| PHI 352 | Theory of Knowledge | |
| INF 511 | Principles of Game Design and Game Theory | 3 |
| STA 270 | Applied Statistics | 4 |
| STA 215 | Introduction to Statistical Reasoning | 3 |
| CSC 174 | Introduction to Programming for Science & Engineering | 3 |
| ENG 510 | Introduction to Linguistic Theory | 3 |
| Total Hours | | 31-32 |

Students pursuing any of the Concentrations are strongly encouraged but not required to complete PSY 349 Applied Learning in Psychology in the Concentration area.