

PSYCHOLOGY - B.S.

College of Arts and Sciences
 Department of Psychological Sciences
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Description

The Bachelor of Science in Psychology is designed to prepare students for graduate study in psychology and related fields. Topics include stress and trauma, neural basis of learning and memory, social and biological influences on mental and physical health, growth and development of children, and diagnosis and treatment of psychological disorders. Students evaluate and interpret data and gain hands-on experience conducting research. Elective courses may be used to specialize in a number of areas of psychology and related fields such as neuroscience. The degree prepares students for graduate study and employment in a range of fields, including clinical psychology, research and experimental areas of psychology such as cognitive science and behavioral neuroscience, and related fields such as medicine and neuroscience.

The Psychology major comprises the following concentrations:

- The **Child Psychology** concentration is designed to prepare students for graduate study in clinical psychology, research and experimental areas of psychology, school counseling, developmental psychology, school psychology or related disciplines that require knowledge of interpersonal relationships and human development. Topics include child development, psychological disorders of childhood and adolescence, children’s cognitive processes, personality development and child-related research experience.
- The **Pre-medicine/Pre-Osteopathy** concentration prepares students for graduate study in medicine or osteopathic medicine. The concentration is designed to cover the Pre-medicine/Pre-osteopathy requirements so that students are prepared to take the Medical College Admission Test (MCAT) and have the required prerequisites necessary for applying to medical school.
- For students interested in other career paths within psychology, a "no concentration" option provides the flexibility to prepare for those careers.

Fully Offered At:

- Kent Campus

Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

Freshman Students on the Kent Campus: The freshman admission policy on the Kent Campus is selective. Admission decisions are based upon the following: cumulative grade point average, ACT and/or SAT scores, strength of high school college preparatory curriculum and

grade trends. The Admissions Office at the Kent Campus may defer the admission of students who do not meet admissions criteria but who demonstrate areas of promise for successful college study. Deferred applicants may begin their college coursework at one of seven regional campuses of Kent State University. For more information on admissions, including additional requirements for some academic programs, visit the admissions website for new freshmen.

Freshman Students on the Regional Campuses: Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE score, or by completing the ESL level 112 Intensive Program. For more information on international admission, visit the Office of Global Education’s admission website.

Transfer, Transitioning and Former Students: For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

Program Learning Outcomes

Graduates of this program will be able to:

1. Describe the basic theoretical perspectives, principles, concepts, empirical findings and historical trends in psychology.
2. Understand and use fundamental data analysis techniques.
3. Understand and apply basic research methods/tools in psychology and evaluate the adequacy of research designs.
4. Write effectively in the discipline.
5. Recognize, understand, and respect the complexity of sociocultural and international diversity.

University Requirements

All students in a bachelor’s degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

| | |
|---|------------|
| Destination Kent State: First Year Experience | 1 |
| Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission. | |
| Diversity Domestic/Global (DIVD/DIVG) | 2 courses |
| Students must successfully complete one domestic and one global course, of which one must be from the Kent Core. | |
| Experiential Learning Requirement (ELR) | varies |
| Students must successfully complete one course or approved experience. | |
| Kent Core (see table below) | 36-37 |
| Writing-Intensive Course (WIC) | 1 course |
| Students must earn a minimum C grade in the course. | |
| Upper-Division Requirement | 39 (or 42) |

Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate. Students in a B.A. and/or B.S. degree in the College of Arts and Sciences must complete 42 upper-division credit hours.

| | |
|--|-----|
| Total Credit Hour Requirement | 120 |
| Some bachelor's degrees require students to complete more than 120 credit hours. | |

Kent Core Requirements

| | |
|---|--------------|
| Kent Core Composition (KCOMP) | 6 |
| Kent Core Mathematics and Critical Reasoning (KMCR) | 3 |
| Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each) | 9 |
| Kent Core Social Sciences (KSS) (must be from two disciplines) | 6 |
| Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory) | 6-7 |
| Kent Core Additional (KADL) | 6 |
| Total Credit Hours: | 36-37 |

Program Requirements

Major Requirements

| Code | Title | Credit Hours |
|--|---|--------------|
| Major Requirements (courses count in major GPA) | | |
| PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS) | 3 |
| PSYC 21621 | QUANTITATIVE METHODS IN PSYCHOLOGY I ¹ | 3 |
| PSYC 31574 | RESEARCH METHODS IN PSYCHOLOGY (ELR) | 3 |
| PSYC 31684 | QUANTITATIVE METHODS IN PSYCHOLOGY II | 3 |
| PSYC 40111 | ABNORMAL PSYCHOLOGY | 3 |
| PSYC 41363 | BIOPSYCHOLOGY | 3 |
| Social/Personality Electives, choose from the following: | | 3 |
| PSYC 31282 | PERSONALITY | |
| PSYC 31532 | SOCIAL PSYCHOLOGY | |
| Additional Requirements (courses do not count in major GPA) | | |
| UC 10097 | DESTINATION KENT STATE: FIRST YEAR EXPERIENCE | 1 |
| Foreign Language (see Foreign Language College Requirement below) | | 8 |
| Kent Core Composition | | 6 |
| Kent Core Humanities and Fine Arts (minimum one course from each) | | 9 |
| General Electives (total credit hours depends on earning 120 credit hours, including 42 upper-division credit hours) | | 4 |
| Additional Requirements or Concentrations | | |
| Choose from the following: | | 71 |
| Additional Requirements for Students Not Declaring a Concentration | | |
| Child Psychology Concentration | | |
| Pre-Medicine/Pre-Osteopathy Concentration | | |
| Minimum Total Credit Hours: | | 120 |

¹ Students who are also declared in the Sociology major may substitute SOC 32220 for PSYC 21621.

Additional Requirements for Students Not Declaring a Concentration

| Code | Title | Credit Hours |
|--|--|--------------|
| Major Requirements (courses count in major GPA) | | |
| ANTH, BSCI and PSYC Electives, choose from the following: | | 6 |
| ANTH 48623 | HUMAN VARIATION | |
| ANTH 48810 | HUMAN PALEONTOLOGY | |
| BSCI 30140 | CELL BIOLOGY | |
| BSCI 30156 | ELEMENTS OF GENETICS | |
| BSCI 30520 | INTRODUCTION TO NEUROSCIENCE | |
| BSCI 40515 | ANIMAL BEHAVIOR | |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ¹ | | |
| Application of Psychological Science Electives, choose from the following: | | 3-4 |
| HONR 40099 | SENIOR HONORS THESIS/PROJECT (ELR) | |
| PSYC 31498 | UNDERGRADUATE RESEARCH (ELR) ^{1,2} | |
| PSYC 41498 | INDIVIDUAL INVESTIGATION (ELR) ^{1,2} | |
| PSYC 41573 | LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) ³ | |
| PSYC 41574 | LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) ³ | |
| PSYC 41980 | RESEARCH WRITING IN PSYCHOLOGY (WIC) ³ | |
| or PSYC 41990 WRITING IN PSYCHOLOGY (WIC) | | |
| PSYC 42574 | ADVANCED RESEARCH METHODS | |
| Cognition/Learning Electives, choose from the following: | | 6 |
| PSYC 40445 | COGNITIVE PSYCHOLOGY | |
| PSYC 40446 | COGNITIVE NEUROSCIENCE | |
| PSYC 41043 | BASIC LEARNING PROCESSES | |
| Developmental Electives, choose from the following: | | 3 |
| PSYC 20651 | CHILD PSYCHOLOGY (DIVD) (KSS) | |
| PSYC 30651 | ADOLESCENT PSYCHOLOGY | |
| PSYC 30656 | PSYCHOLOGY OF AGING | |
| Mathematics Electives, choose from the following: | | 3-5 |
| MATH 11009 | MODELING ALGEBRA (KMCR) | |
| MATH 11010 | ALGEBRA FOR CALCULUS (KMCR) | |
| MATH 11022 | TRIGONOMETRY (KMCR) | |
| MATH 12002 | ANALYTIC GEOMETRY AND CALCULUS I (KMCR) | |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ¹ | | 12 |
| Science Electives, choose from the following: | | 8 |
| BSCI 10110 | BIOLOGICAL DIVERSITY (KBS) (KLAB) | |
| BSCI 10120 | BIOLOGICAL FOUNDATIONS (KBS) (KLAB) | |
| CHEM 10060 | GENERAL CHEMISTRY I (KBS) | |
| CHEM 10061 | GENERAL CHEMISTRY II (KBS) | |
| Additional Requirements (courses do not count in major GPA) | | |
| Kent Core Social Science (must be from two disciplines) | | 3 |
| Kent Core Additional | | 6 |
| General Electives (total credit hours depends on earning 120 credit hours, including 42 upper-division credit hours) | | 21 |
| Minimum Total Credit Hours: | | 71 |

¹ No more than 12 credit hours of PSYC 31498, PSYC 41492 and PSYC 41498 combined may be applied towards major requirements in psychology.

² Maximum 6 credit hours of PSYC 31498 and PSYC 41498 combined may be applied to the Application of Psychological Science area.

³ A minimum C grade must be earned to fulfill the writing-intensive requirement.

Child Psychology Concentration Requirements

| Code | Title | Credit Hours |
|--|--|--------------|
| Concentration Requirements (courses count in major GPA) | | |
| PSYC 20651 | CHILD PSYCHOLOGY (DIVD) (KSS) | 3 |
| Application of Psychological Science Electives, choose from the following: | | 3-4 |
| HONR 40099 | SENIOR HONORS THESIS/PROJECT (ELR) | |
| PSYC 31498 | UNDERGRADUATE RESEARCH (ELR) ^{1,2} | |
| PSYC 41498 | INDIVIDUAL INVESTIGATION (ELR) ^{1,2} | |
| PSYC 41573 | LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: SOCIAL/CLINICAL (WIC) ³ | |
| PSYC 41574 | LABORATORY EXPERIENCE IN PSYCHOLOGICAL RESEARCH: COGNITIVE/LEARNING (WIC) ³ | |
| PSYC 41980 | RESEARCH WRITING IN PSYCHOLOGY (WIC) ³ | |
| or PSYC 41990 | WRITING IN PSYCHOLOGY (WIC) | |
| PSYC 42574 | ADVANCED RESEARCH METHODS | |
| Child Psychology Concentration Electives, choose from the following: | | 12 |
| PSYC 30651 | ADOLESCENT PSYCHOLOGY | |
| PSYC 30652 | SOCIAL AND PERSONALITY DEVELOPMENT | |
| PSYC 30655 | CHILDREN'S THINKING | |
| PSYC 40112 | PSYCHOLOGICAL DISORDERS OF CHILDHOOD AND ADOLESCENCE | |
| PSYC 40382 | PEDIATRIC PSYCHOLOGY | |
| PSYC 41395 | SPECIAL TOPICS IN CHILD PSYCHOLOGY ⁴ | |
| Cognition/Learning Electives, choose from the following: | | 6 |
| PSYC 40445 | COGNITIVE PSYCHOLOGY | |
| PSYC 40446 | COGNITIVE NEUROSCIENCE | |
| PSYC 41043 | BASIC LEARNING PROCESSES | |
| Mathematics Electives, choose from the following: | | 3-5 |
| MATH 11009 | MODELING ALGEBRA (KMCR) | |
| MATH 11010 | ALGEBRA FOR CALCULUS (KMCR) | |
| MATH 11022 | TRIGONOMETRY (KMCR) | |
| MATH 12002 | ANALYTIC GEOMETRY AND CALCULUS I (KMCR) | |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) ^{2,5} | | 12 |
| Science Electives, choose from the following: | | 8 |
| BSCI 10110 | BIOLOGICAL DIVERSITY (KBS) (KLAB) | |
| BSCI 10120 | BIOLOGICAL FOUNDATIONS (KBS) (KLAB) | |
| CHEM 10060 | GENERAL CHEMISTRY I (KBS) | |
| CHEM 10061 | GENERAL CHEMISTRY II (KBS) | |
| Additional Requirements (courses do not count in major GPA) | | |
| Kent Core Social Science (must be from two disciplines) | | 3 |
| Kent Core Additional | | 3 |
| General Electives (total credit hours depends on earning 120 credit hours, including 42 upper-division credit hours) | | 18 |
| Minimum Total Credit Hours: | | 71 |

¹ Maximum 6 credit hours of PSYC 31498 and PSYC 41498 combined may be applied to the Application of Psychological Science area.

² No more than 12 credit hours of PSYC 31498, PSYC 41492 and PSYC 41498 combined may be applied towards major requirements in psychology.

³ A minimum C grade must be earned to fulfill the writing-intensive requirement.

⁴ Maximum 9 credit hours may be applied toward concentration requirements.

⁵ No courses listed as Child Psychology Concentration Electives may be applied toward upper-division Psychology (PSYC) electives for students declared in the Child Psychology concentration.

Pre-Medicine/Pre-Osteopathy Concentration Requirements

| Code | Title | Credit Hours |
|--|--|--------------|
| Concentration Requirements (courses count in major GPA) | | |
| BSCI 10120 | BIOLOGICAL FOUNDATIONS (KBS) (KLAB) | 4 |
| BSCI 30140 | CELL BIOLOGY | 4 |
| BSCI 30156 | ELEMENTS OF GENETICS | 3 |
| BSCI 30130 | HUMAN PHYSIOLOGY | 3 |
| or BSCI 40430 | ANIMAL PHYSIOLOGY | |
| BSCI 30171 | GENERAL MICROBIOLOGY | 4 |
| CHEM 10060 | GENERAL CHEMISTRY I (KBS) | 4 |
| CHEM 10061 | GENERAL CHEMISTRY II (KBS) | 4 |
| CHEM 10062 | GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) | 1 |
| CHEM 10063 | GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB) | 1 |
| CHEM 30284 | INTRODUCTORY BIOLOGICAL CHEMISTRY | 4 |
| or CHEM 40245 | BIOCHEMICAL FOUNDATIONS OF MEDICINE | |
| CHEM 30475 | ORGANIC CHEMISTRY LABORATORY I (ELR) | 1 |
| CHEM 30476 | ORGANIC CHEMISTRY LABORATORY II | 1 |
| MATH 12002 | ANALYTIC GEOMETRY AND CALCULUS I (KMCR) | 5 |
| PHY 13001 | GENERAL COLLEGE PHYSICS I (KBS) | 4 |
| PHY 13002 | GENERAL COLLEGE PHYSICS II (KBS) | 4 |
| PHY 13021 | GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) | 1 |
| PHY 13022 | GENERAL COLLEGE PHYSICS LABORATORY II (KBS) (KLAB) | 1 |
| SOC 12050 | INTRODUCTION TO SOCIOLOGY (DIVD) (KSS) | 3 |
| PSYC 41980 | RESEARCH WRITING IN PSYCHOLOGY (WIC) | 1 |
| or PSYC 41990 | WRITING IN PSYCHOLOGY (WIC) | |
| Cognition/Learning Electives, choose from the following: | | 3 |
| PSYC 40445 | COGNITIVE PSYCHOLOGY | |
| PSYC 40446 | COGNITIVE NEUROSCIENCE | |
| PSYC 41043 | BASIC LEARNING PROCESSES | |
| Developmental Electives, choose from the following: | | 3 |
| PSYC 20651 | CHILD PSYCHOLOGY (DIVD) (KSS) | |
| PSYC 30651 | ADOLESCENT PSYCHOLOGY | |
| PSYC 30656 | PSYCHOLOGY OF AGING | |
| Organic Chemistry, choose one of the following: | | 6 |
| CHEM 20481 & CHEM 20482 | BASIC ORGANIC CHEMISTRY I and BASIC ORGANIC CHEMISTRY II | |
| CHEM 30481 & CHEM 30482 | ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY II | |

| | |
|--|----|
| Psychology Upper-Division Electives (PSYC 30000 or 40000 level) ² | 6 |
| Minimum Total Credit Hours: | 71 |

- ¹ A minimum C grade must be earned to fulfill the writing-intensive requirement.
- ² No more than 12 credit hours of PSYC 31498, PSYC 41492 and PSYC 41498 combined may be applied towards major requirements in psychology.

- While individual medical or osteopathy schools may require a variety of additional courses, the following courses are recommended and encouraged:

| Code | Title | Credit Hours |
|------------|--|--------------|
| BSCI 30518 | VERTEBRATE ANATOMY | 4 |
| COMM 15000 | INTRODUCTION TO HUMAN COMMUNICATION (KADL) | 3 |
| ECON 22060 | PRINCIPLES OF MICROECONOMICS (KSS) | 3 |
| ECON 42086 | ECONOMICS OF HEALTH CARE | 3 |
| PHIL 21001 | INTRODUCTION TO ETHICS (DIVG) (KHUM) | 3 |
| PSYC 40111 | ABNORMAL PSYCHOLOGY | 3 |
| PSYC 41363 | BIOPSYCHOLOGY | 3 |
| SOC 42563 | SOCIOLOGY OF HEALTH AND HEALTH CARE | 3 |

Graduation Requirements

| Minimum Major GPA | Minimum Overall GPA |
|-------------------|---------------------|
| 2.500 | 2.000 |

Foreign Language College Requirement

- Students pursuing the Bachelor of Science degree in the College of Arts and Sciences must complete 8 credit hours of foreign language.¹
- Minimum Elementary I and II of the same language

- ¹ All students with prior foreign language experience should take the foreign language placement test to determine the appropriate level at which to start. Some students may begin their university foreign language experience beyond the Elementary I level and will complete the requirement with fewer credit hours and fewer courses. This may be accomplished by: (1) passing a course beyond the Elementary I through Intermediate II level or (2) receiving credit through Credit by Exam (CBE), the College Level Examination Program (CLEP), the Advanced Placement (AP) exam or credit through the International Baccalaureate (IB) program; or (3) being designated a "native speaker" of a non-English language (consult with the College of Arts and Sciences Advising Office for additional information). When students complete the requirement with fewer than 8 credit hours and two courses, they will complete the remaining hours with general electives.

Roadmaps

- Psychology Major (no concentration)
- Child Psychology Concentration
- Pre-Medicine/Pre-Osteopathy Concentration

PSYCHOLOGY MAJOR (NO CONCENTRATION)

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

| Semester One | | Credits |
|---|---|----------------|
| Science Elective | | 4 |
| PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS) | 3 |
| UC 10097 | DESTINATION KENT STATE: FIRST YEAR EXPERIENCE | 1 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 14 |
| Semester Two | | |
| Science Elective | | 4 |
| Mathematics Elective | | 3-5 |
| Developmental Elective | | 3 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Three | | |
| PSYC 21621 | QUANTITATIVE METHODS IN PSYCHOLOGY I | 3 |
| Cognition/Learning Elective | | 3 |
| Foreign Language | | 4 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Four | | |
| PSYC 31574 | RESEARCH METHODS IN PSYCHOLOGY (ELR) | 3 |
| Foreign Language | | 4 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 13 |
| Semester Five | | |
| PSYC 40111 | ABNORMAL PSYCHOLOGY | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 6 |
| Social/Personality Elective | | 3 |
| General Electives | | 3 |
| Credit Hours | | 15 |
| Semester Six | | |
| PSYC 31684 | QUANTITATIVE METHODS IN PSYCHOLOGY II | 3 |
| PSYC 41363 | BIOPSYCHOLOGY | 3 |
| Application of Psychological Science Electives | | 3 |
| General Electives | | 6 |
| Credit Hours | | 15 |
| Semester Seven | | |
| ANTH, BSCI or PSYC electives | | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 3 |
| Cognition/Learning Elective | | 3 |

| General Electives | 6 |
|---|-----|
| Credit Hours | 15 |
| Semester Eight | |
| ANTH, BSCI or PSYC Electives | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | 3 |
| General Electives | 10 |
| Credit Hours | 16 |
| Minimum Total Credit Hours: | 120 |

Child Psychology Concentration

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

| | |
|-----------------------------|-----|
| General Electives | 10 |
| Credit Hours | 16 |
| Minimum Total Credit Hours: | 120 |

| Semester One | | Credits |
|---|---|----------------|
| PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS) | 3 |
| UC 10097 | DESTINATION KENT STATE: FIRST YEAR EXPERIENCE | 1 |
| Science Elective | | 4 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 14 |
| Semester Two | | |
| PSYC 20651 | CHILD PSYCHOLOGY (DIVD) (KSS) | 3 |
| Mathematics Elective | | 3-5 |
| Science Elective | | 4 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Three | | |
| PSYC 21621 | QUANTITATIVE METHODS IN PSYCHOLOGY I | 3 |
| Cognition/Learning Elective | | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 3 |
| Foreign Language | | 4 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Four | | |
| PSYC 31574 | RESEARCH METHODS IN PSYCHOLOGY (ELR) | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 3 |
| Foreign Language | | 4 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 13 |
| Semester Five | | |
| PSYC 40111 | ABNORMAL PSYCHOLOGY | 3 |
| Child Psychology Concentration Electives | | 3 |
| Social/Personality Elective | | 3 |
| Kent Core Requirement | | 3 |
| General Electives | | 3 |
| Credit Hours | | 15 |
| Semester Six | | |
| PSYC 31684 | QUANTITATIVE METHODS IN PSYCHOLOGY II | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 3 |
| Application of Psychological Science Elective | | 3 |
| General Electives | | 6 |
| Credit Hours | | 15 |
| Semester Seven | | |
| PSYC 41363 | BIOPSYCHOLOGY | 3 |
| Child Psychology Concentration Electives | | 3 |
| Cognition/Learning Elective | | 3 |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 3 |
| General Electives | | 3 |
| Credit Hours | | 15 |
| Semester Eight | | |
| Child Psychology Concentration Electives | | 6 |

Pre-Medicine and Pre-Osteopathy Concentration

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

| Semester One | | Credits |
|-----------------------------|---|----------------|
| BSCI 10120 | BIOLOGICAL FOUNDATIONS (KBS) (KLAB) | 4 |
| CHEM 10060 | GENERAL CHEMISTRY I (KBS) | 4 |
| CHEM 10062 | GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) | 1 |
| PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS) | 3 |
| UC 10097 | DESTINATION KENT STATE: FIRST YEAR EXPERIENCE | 1 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Two | | |
| BSCI 30156 | ELEMENTS OF GENETICS | 3 |
| CHEM 10061 | GENERAL CHEMISTRY II (KBS) | 4 |
| CHEM 10063 | GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB) | 1 |
| MATH 12002 | ANALYTIC GEOMETRY AND CALCULUS I (KMCR) | 5 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Three | | |
| BSCI 30140 | CELL BIOLOGY | 4 |
| CHEM 20481 | BASIC ORGANIC CHEMISTRY I | 3-4 |
| or | or ORGANIC CHEMISTRY I | |
| CHEM 30481 | | |
| CHEM 30475 | ORGANIC CHEMISTRY LABORATORY I (ELR) | 1 |
| PSYC 21621 | QUANTITATIVE METHODS IN PSYCHOLOGY I | 3 |
| SOC 12050 | INTRODUCTION TO SOCIOLOGY (DIVD) (KSS) | 3 |
| Credit Hours | | 14 |
| Semester Four | | |
| CHEM 20482 | BASIC ORGANIC CHEMISTRY II | 2-3 |
| or | or ORGANIC CHEMISTRY II | |
| CHEM 30482 | | |
| CHEM 30476 | ORGANIC CHEMISTRY LABORATORY II | 1 |
| PSYC 31574 | RESEARCH METHODS IN PSYCHOLOGY (ELR) | 3 |
| PSYC 41980 | RESEARCH WRITING IN PSYCHOLOGY (WIC) | 1 |
| or | or WRITING IN PSYCHOLOGY (WIC) | |
| PSYC 41990 | | |
| Develomental Elective | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 14 |
| Semester Five | | |
| BSCI 30171 | GENERAL MICROBIOLOGY | 4 |
| BSCI 30130 | HUMAN PHYSIOLOGY | 3 |
| or | or ANIMAL PHYSIOLOGY | |
| BSCI 40430 | | |
| PHY 13001 | GENERAL COLLEGE PHYSICS I (KBS) | 4 |
| PHY 13021 | GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) | 1 |
| Cognition/Learning Elective | | 3 |
| Credit Hours | | 15 |
| Semester Six | | |
| CHEM 30284 | INTRODUCTORY BIOLOGICAL CHEMISTRY | 4 |
| or | or BIOCHEMICAL FOUNDATIONS OF | |
| CHEM 40245 | MEDICINE | |
| PHY 13002 | GENERAL COLLEGE PHYSICS II (KBS) | 4 |

| PHY 13022 | GENERAL COLLEGE PHYSICS LABORATORY II (KBS) (KLAB) | 1 |
|---|--|-----|
| PSYC 31684 | QUANTITATIVE METHODS IN PSYCHOLOGY II | 3 |
| Social/Personality Elective | | 3 |
| Credit Hours | | 15 |
| Semester Seven | | |
| PSYC 40111 | ABNORMAL PSYCHOLOGY | 3 |
| PSYC 41363 | BIOPSYCHOLOGY | 3 |
| Foreign Language | | 4 |
| Kent Core Requirement | | 3 |
| Kent Core Requirement | | 3 |
| Credit Hours | | 16 |
| Semester Eight | | |
| Psychology (PSYC) Upper-Division Electives (30000 or 40000 level) | | 6 |
| Foreign Language | | 4 |
| General Electives | | 4 |
| Credit Hours | | 14 |
| Minimum Total Credit Hours: | | 120 |